

DEAN'S CORNER E-NEWSLETTER

Texas College of Osteopathic Medicine

January 31, 2007

As expected, the House of Representatives passed H. J. Res. 20 a continuing resolution (CR) to fund most of the Federal government until September 30, 2007. The \$463.5 billion spending measure includes funds for programs in the Department of Education and in the Department of Health and Human Services. Funding for Pell Grants would be increased by \$615 million over the fiscal year 2006 level raising the individual maximum grant to \$4,310.

In the Department of Health and Human Services, an additional \$620 million over the fiscal year 2006 level is allocated for the National Institutes of Health (NIH). This amount includes \$483 million for a common fund for inter-NIH research projects among the agency's 27 institutes and centers. The measure also provides \$184.7 million for health professions education programs (student loans) under Title VII of the Public Health Service Act, a 27% increase over the fiscal year 2006 level. Primary care medicine and dentistry received \$48.8 million for fiscal year 2007, a 19.6% increase over the fiscal year 2006 level. Geriatrics training funds were fully restored to the fiscal year 2005 level of \$31.5 million, a 100% increase over fiscal year 2006. All earmarks were eliminated.

This is a significant step in the right direction especially since the vast majority of the programs funding in this huge bill were level-funded at the fiscal year 2006 level. Attention is now focused on the Senate, which is likely to act on the CR next week. Hopefully the senate will act to restore Title VII funds to the fiscal year 2005 level of \$300 million in the continuing resolution.

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

Changes in the Office of Academic Support

The University of North Texas Health Science Center Office of Academic Support (OASIS) is sad to say goodbye to Peg Dansereau, who retired in January. Peg served the Health Science Center for 27 years in Academic Support and her service and friendship will be greatly missed. Eryn Loney is also leaving the Office of Academic Support. She will be taking on a new position with the medical school as Director of Student Programs, under the supervision of Dr. Don Peska.

The administrative responsibilities of OASIS have been assigned to Rynn Sloan, Director of Student Development and a search has begun for a new Academic Support Specialist. Some of the responsibilities of the support specialist will be to provide academic support by working with current students in mastering test taking skills and time management skills, counseling students about learning strategies, text anxiety, and providing overall academic support. In addition, the office will continue to work with students with resume/cv preparation and other career development skills.

Beginning January 22, Dr. Cody Arvidson will be working part-time as the Adjunct Academic Support Specialist. Her hours will be Monday, Tuesday and Friday from 9:00-5:00 with additional evening hours available until 7:00 on Mondays.

Dr. Arvidson has an earned doctorate from the University of North Texas. (Her dissertation addressed academic dishonesty.) She holds master's degrees in student affairs administration from Texas A&M and counseling psychology from Kansas University. Dr. Arvidson is the book review editor for the Community Review Journal and has earned recognition from the National Association of Student Personnel Administrators - Region III, the National Orientation Directors Association, and Phi Kappa Phi. Dr. Arvidson teaches for Dallas Baptist University's higher education and educational leadership graduate programs. She teaches legal and finance issues; research design; and teaching, learning, & student development.

Update Your Demographic Information

Please remember to periodically check your demographic information such as Mailing and Home Address, Telephone, and Emergency Contact information as listed in EIS, and update the information if needed. Your "home" and "mailing" address should only differ if you do not receive mail at your home.

Should you need to change your name, you must do this in person at the Registrar's Office and bring supporting documentation, i.e., marriage license/divorce decree, updated driver's license and social security card. Also, should your emergency contact information change due to marriage or divorce, or other circumstances, it is especially important that we be notified of the new contact information.

COMLEX and USMLE Registration

COMLEX registration is done completely online through the NBOME website at www.nbome.org

USMLE applications are downloaded from the USMLE website at www.nbme.org and brought to the Registrar's Office for certification and mailing.

Please feel free to contact the Registrar's Office (817/735-2201) should you have any questions or need assistance.

Casino Night 2006 - A Great Success!

There aren't too many things that are better than eating, dancing, singing, and gambling with someone else's money, and that's exactly what over 200 people did at this year's Holiday Casino Night. The Student Development staff organized the event at the historic Fort Worth Stockyards on Friday, December 1 for all of the UNTHSC Faculty, Staff, Students, and their families. In between songs, attendees enjoyed gambling at Texas Hold 'em and Black Jack tables and many took their chances with the slot machines. At the end of the night, participants cashed in their winnings for raffle tickets. Some of the prizes that were up for grabs included gift certificates to various restaurants including Texas de Brazil, an iPod Shuffle, and even Southwest Airlines Tickets.

Fall Preview Day - December 9, 2006 - Another Great Event!

The first annual Fall Preview Day was a huge success! Preview Day was held on December 9, 2007. This program targeted medical students who were admitted during early admittance. This event was designed to introduce students to medical school, specifically the Texas College of Osteopathic Medicine. During the program, students learned what was expected of them in medical school. They were given information about osteopathic medicine as it compares to an MD program and they heard about future careers in osteopathic medicine. Students were also given the opportunity to hear from current students and alumni about issues that occur during and after medical school. The program also included a presentation on the history of Ft. Worth and students were able to participate in a basketball tournament to get them acquainted with current students.

Evaluation responses included:

"I really enjoyed the CIL! It really did get me more excited about attending medical school and TCOM!"

"Excellent!"

"Impressive"

"Really demonstrated the quality of doctors that the school prepares and trains."

"Dr. Sheedlo is fabulous."

"The presenters/librarians were very enthusiastic."

"Great staff."

"It was a wonderful opportunity to take one last look at the school. It really did a great job of selling TCOM. I already accepted my place in the class, but I found the preview day was helpful

still. It gave me confirmation that I made the right choice and made me more excited to begin school next August!”

“The resident/student panel and Fort Worth's history lecture has led me to choose TCOM over UTMB.”

Clinical Affairs/Faculty Practice:

Robert Adams, D.O.

Senior Associate Dean for Clinical Affairs/Chief Medical Officer

No article this month.

Educational Programs:

Don Peska, D.O.

Associate Dean for Educational Programs

The match for osteopathic residency positions will close registration next Friday. An early look at the number of registrants shows a nationwide increase in the demand for these slots. The northeast schools always show the strongest numbers due to the concentration of osteopathic programs in that region. Student participation west of the Mississippi River, however, is on the rise. Some growth may be attributable to increasing class size in the western schools (including TCOM) but most of the increase is likely due to the increasing numbers of dual accredited programs in Texas and California. Students are finalizing their match strategies and making some hard decisions. Most (nearly 70%) will match to their first choice of programs. That includes attempts at both osteopathic and allopathic training. The ACGME match doesn't happen until early March. In the time between the two many students will be rethinking strategies and may accept scramble positions in open osteopathic programs. The good part is that when its all over pretty much everybody has a job. The bad part is they have to start repaying their student loans.

Academic Affairs:

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

Associate Dean for Academic Affairs

Medical Education

This month, Dr. Jerry Alexander and Rebel Jones presented our nationally recognized Senior Exit Survey and our enhanced academic “Grades” tracking system at the Health Professions Educational Research Symposium; Jan 13, 2007; Fort Lauderdale, FL. The TCOM presentation entitled “The Value of the Senior Curriculum Survey by Linking Student Responses to Their Academic Profiles and by Comparing Local Responses to National Benchmarks” was extremely

well received. This was the first presentation of this type in the country, and Dr. Alexander is being recognized as one of the nation's leaders in this field.

Clinical Research:

Peggy Smith-Barbaro, PhD

Director Division of Health Related Programs

With the new year upon us it is time to mark your calendars with key research related events for the upcoming 2007 year.

UNTHSC Distinguished Lecture Series is being kicked off February 22 at 5:00 pm in EAD-108 Luibel Hall. The inaugural lecture will be presented by **David A. Fishman, M.D.**, an internationally renowned scientist. Dr. Fishman is Director of Gynecologic Oncology, NYU School of Medicine, and Director of Cancer Detection and Screening Program, NYU Cancer Institute. Faculty, students and staff are encouraged to attend.

UNTHSC will host its fifteenth annual Research Appreciation Day (RAD) on Friday April 6, 2007. Abstracts will be accepted as of 1/26/07. For general questions go to rad@hsc.unt.edu. Remember poster competitions for students and house staff. A panel of judges will select top posters in each category and prizes will be presented to the winners at the awards' ceremony.

The Eight Annual Osteopathic Collaborative Clinical Trials Initiative Conference (OCCTIC VIII) is now being managed by the Osteopathic Research Center. This year's conference will focus on, "*Research Opportunities in Osteopathic Manipulative Medicine: Training Our Residents and Undergraduates Now!!!*" The conference will be held on March 19-20 at the Broadmoor Hotel in Colorado Springs, CO. For additional information go to <http://unt.edu/orc/services/occtic.asp>

The American Osteopathic Association Annual Convention and Scientific Seminar is scheduled for September 30-October 4, 2007.

...it's very hard to succeed in science if you don't want to be with other scientists--you have to go to key meetings where you may spot key facts that would have escaped you.... And you have to chat with your competitors.

Watson, J.D. (1993) "Succeeding in Science: Some Rules of Thumb"
Science 24Sep93, pages 1812-1813.

Admissions:

Russell Gamber, D.O., MPH

Assistant Dean of TCOM Admissions & Outreach

TMDSAS Modified Rolling Admissions Program: Since the Texas Medical and Dental Schools Application Service began operation in 1968, all Texas-resident applicants have been notified of their acceptance into member schools on the same day each year – February 1. However, a major change was initiated for the entering class of 2007: a “modified rolling admissions” policy was instituted. This year there will be both an “early match” period from November 15th through December 31st, and a second and final match on February 15th. During the early match period this year TCOM sent approximately 230 early offers to Texas residents. Under the new policy, applicants can hold multiple offers from any school that interviewed them. We are excited by the opportunity to make early offers to exceptionally well qualified applicants, realizing that many of them will receive offers from other medical schools. These applicants must choose which school they wish to attend and decline all other offers by January 15th. Applicants can use the time between their early offers and January 15th to do further research on medical schools or make “second-look” visits to campuses.

Update on Admissions Statistics: TCOM received 1960 applications (1733 Texas residents, 227 non-residents) for the entering class of 2007, compared to the 1886 applications received for the entering class of 2006. A total of 627 applicants were interviewed between late July and mid-December, 2006. The medical school plans to accept 160 applicants into the entering class of 2006.

Interviews for the physician assistant graduate program started in September 2006, and will conclude with the final interviews in February 2007. The PA program received 691 applications for the EC (entering class) of 2007, a 24% rise over the last year (compared to a 5.5% rise between EC 2006 and EC 2005). A total of 138 applicants will be interviewed to seat a class of 36.

The JAMP Match Results: During the fall 2006 interview season, 58 Joint Admission Medical Program (JAMP) students, who attend universities across the state, interviewed at TCOM for the entering class of 2007. JAMP was created by the 77th Texas State Legislature to provide support and encouragement to economically disadvantaged students who want to pursue a medical education. Every year, undergraduate students are selected statewide to participate in JAMP. If selected, they will participate in summer internships at all eight Texas medical schools, including TCOM, to prepare them for success in medical school. Those students who successfully meet the stringent requirements of the program will be assured a seat in one of the eight Texas medical schools.

This year the JAMP Council decided that 45 senior JAMP students had met all cognitive and non-cognitive requirements and would be matched to one of the eight Texas medical schools. TCOM was scheduled to match five students. On December 15, 2006 (JAMP Match Day), TCOM matched the following students:

Michael Martinez, Angelo State University
Rachel Moore, Texas A&M University
Amber Smithers, University of North Texas
Diem Phuong Tran, University of Houston
Jun Zhao, University of Texas

Thanks and Appreciation: Based upon written and oral feedback from our applicants, we realize that the interview day is one of the most critical events in the recruitment process. Every person an applicant encounters during his or her day on campus – faculty interviewers, students, and staff – is crucial in that person’s decision-making process. We would like to express our sincere thanks to the department chairs, faculty members, and interview coordinators for their support and assistance during the interviewing season. A record number of interviews was completed this year, thanks to the cooperation of all persons involved.

PA Studies:

Hank Lemke, P.A.-C

Vice Chair for PA Studies

PA Program Accreditation News

The Physician Assistant Studies program continues its preparations for re-accreditation by the Accreditation Review Commission for PA Education (ARC-PA) in 2007. The program’s self-study committee has been meeting regularly since December 2005 to document ongoing improvement efforts. The program’s self-study report is scheduled for completion by the end of February 2007 and the ARC-PA on-site visit is scheduled for April 19-20th, 2007. The program’s application for re-accreditation will be reviewed by the ARC-PA in September 2007.

Curriculum News

Beginning in May 2007, the PA curriculum will add 4 more weeks of supervised clinical rotations to the curriculum, increasing the time the PA students spend in these activities from 48 to 52 weeks. This change was stimulated by students’ requests for more “clinical experiences” before graduation. Total PA program length has not changed.

Distinguished Visitor

On January 26, 2007, LtCol Katherine A. Adamson, USAF, Commander Detachment 1, 381st Training Squadron will visit with 3rd Year PA students to explain the PA National Certifying Exam (PANCE) process. LtCol Adamson is on the faculty of the largest PA program in the country, the Interservice PA Program at Fort Sam Houston TX, and she is also past-chairman of the National Commission on Certification of Physician Assistants.

PA Enrollment and Applicant News

Enrollment in the PA Class of 2009 increased to 32 students, compared to 30 in the Class of 2008 and 28 in the Class of 2007. This represents an 8.7% increase in student enrollment in the PA program over two years. The admitted class consisted of 22% minority students compared to 17% in 2005.

Last year, the PA program received nearly seven qualified applicants per seat in the Class of 2009. Offers to fill the Class of 2009 went up 31% from the prior year – largely due to greater competition for applicants among Texas PA programs (7). In a nationwide survey of new students, the most frequent reason cited for accepting one offer over another was geographic

location. Currently, there are 135 accredited PA programs in the U.S. Also, the UNTHSC Physician Assistant Studies program limits non-resident enrollees to not more than 10% of the entering class. The following national trends in PA applicants were noted last year by the Physician Assistant Education Association:

- The number of applicants to PA programs rose by 25% last year.
- Students continue to get younger — the proportion of students over 29 fell for the 11th straight year. The number of students younger than 24 rose.
- Average months of health care experience prior to enrollment in a PA curriculum declined to 29 months; down from 35 months the previous year and a high of 56 months in 1992.
- The percentage of matriculating females continues to rise; up to 73% this year.
- Over 70 percent of PA programs now offer master's degrees.
- Nationwide minority enrollment of PA students reached 23% last year.
- On average, applicants apply to 4 programs each year.

Science and Health News:

January 26, 2007

In Clue to Addiction, a Brain Injury Halts Smoking

By BENEDICT CAREY

Scientists studying stroke patients are reporting today that an injury to a specific part of the brain, near the ear, can instantly and permanently break a smoking habit. People with the injury who stopped smoking found that their bodies, as one man put it, “forgot the urge to smoke.”

The finding, which appears in the journal *Science*, is based on a small study. But experts say it is likely to alter the course of addiction research, pointing researchers toward new ideas for treatment.

While no one is suggesting brain injury as a solution for addiction, the finding suggests that therapies might focus on the insula, a prune-size region under the frontal lobes that is thought to register gut feelings and is apparently a critical part of the network that sustains addictive behavior.

Previous research on addicts focused on regions of the cortex involved in thinking and decision making. But while those regions are involved in maintaining habits, the new study suggests that they are not as central as the insula is.

The study did not examine dependence on alcohol, cocaine or other substances. Yet smoking is at least as hard to quit as any other habit, and it probably involves the same brain circuits, experts said. Most smokers who manage to quit do so only after repeated attempts, and the craving for cigarettes usually lasts for years, if not a lifetime.

“This is the first time we’ve shown anything like this, that damage to a specific brain area could remove the problem of addiction entirely,” said Dr. Nora Volkow, director of the National Institute on Drug Abuse, which financed the study, along with the National Institute of Neurological Disorders and Stroke. “It’s absolutely mind-boggling.”

Others cautioned that scientists still knew little about the widely distributed neural networks involved in sustaining habits.

“One has to be careful not to extrapolate too much based on brain injuries to what’s going on in all addictive behavior, in healthy brains,” said Dr. Martin Paulus, a psychiatric researcher at the University of California, San Diego, and the San Diego V.A. Medical Center. Still, Dr. Paulus said, the study “opens up a whole new way to think about addiction.”

The researchers, from the University of Iowa and the University of Southern California, examined 32 former smokers, all of whom had suffered a brain injury. The men and women were lucid enough to answer a battery of questions about their habits, and to rate how hard it was to quit and the strength of their subsequent urges to smoke.

They all had smoked at least five cigarettes a day for two years or more, and 16 of them said they had quit with ease, losing their cravings entirely.

The researchers performed M.R.I. scans on all of the patients’ brains to specify the location and extent of each injury.

They found that the 16 who had quit easily were far more likely to have an injury to their insula than to any other area. The researchers found no association between a diminished urge to smoke and injuries to other regions of the brain, including tissue surrounding the insula.

“There’s a whole neural circuit critical to maintaining addiction, but if you knock out this one area, it appears to wipe out the behavior,” said Dr. Antoine Bechara, a senior author of the new paper, who is a neuroscientist at the Brain and Creativity Institute at U.S.C. His co-authors were Dr. Hanna Damasio, also of U.S.C., and Nasir Naqvi and David Rudrauf of the University of Iowa.

The patients’ desire to eat, by contrast, was intact. This suggests, the authors wrote, that the insula is critical for behaviors whose bodily effects become pleasurable because they are learned, like cigarette smoking.

The insula, for years a wallflower of brain anatomy, has emerged as a region of interest based in part on recent work by Dr. Antonio Damasio, a neurologist and director of the Brain and Creativity Institute. The insula has widely distributed connections, both in the thinking cortex above, and down below in subcortical areas, like the brain stem, that maintain heart rate, blood pressure and body temperature, the body’s primal survival systems.

Based on his studies and others', Dr. Damasio argues that the insula, in effect, maps these signals from the body's physical plant, and integrates them so the conscious brain can interpret them as a coherent emotion.

The system works from the bottom up. First, the body senses cues in the outside world, and responds. The heart rate might elevate at the sight of a stranger's angry face, for example; other muscles might relax in response to a pleasant whiff of smoke.

All of this happens instantaneously and unconsciously, Dr. Damasio said - until the insula integrates the information and makes it readable to the conscious regions of the brain.

"In a sense it's not surprising that the insula is an important part of this circuit maintaining addiction, because we realized some years ago that it was going to be a critical platform for emotions," Dr. Damasio said in a telephone interview. "It is on this platform that we first anticipate pain and pleasure, not just smoking but eating chocolate, drinking a glass of wine, all of it."

This explains why cravings are so physical, and so hard to shake, he said: they have taken hold in the visceral reaches of the body well before they are even conscious.

Other researchers have found that the insula is activated in unpleasant circumstances, like a bad smell or the anticipation of a painful shock, or even in shoppers when they see a price that seems too high. Damage to the insula is associated with slight impairment of some social function.

While antismoking treatments based on the new findings are still a long way off, the authors suggest that therapies that replicate some of the physical sensations of the habit, like inhalers, could be useful.

And at least two previous studies suggest that people can reduce the sensation of pain by learning to modulate the activity in an area of their brain.

In experiments, healthy volunteers watched real-time M.R.I. images of a cortical region linked strongly to pain sensation and learned to moderate that neural activity, reducing the pain they felt from a heated instrument pressed to their palms. The same kind of technique could be tried with addicts watching images of their insulas.

"The question is, Can you learn to deactivate the insula?" Dr. Volkow said. "Now, everybody's going to be looking at the insula."

Health Policy News:

House to Vote on Year-Long CR

House Majority Leader Steny Hoyer (D-Md.) announced Jan. 24 that the House will take up legislation to complete the FY 2007 appropriations bills on Jan. 31. Hoyer said that negotiations

are under way with Senate leaders of both parties to reach agreement on a funding package for the remainder of the FY 2007, using the FY 2006 spending level as a baseline. The Senate could take up the package the week of Feb. 5. Senate action on the package could be lengthy, depending on whether amendments are offered to the measure.

NIH Names Director for New Strategic Office

NIH Director Elias A. Zerhouni, M.D., announced Jan. 25 that Alan M. Krensky, M.D., has been selected as the first NIH Deputy Director for the Office of Portfolio Analysis and Strategic Initiatives (OPASI). The office has been described as "institutionalizing" the NIH Roadmap, which is the research blueprint for cross-disciplinary, trans-NIH initiatives. OPASI will identify important areas of emerging scientific opportunities or rising public health challenges, and help accelerate investments in these areas to make sure new ideas have a chance to develop.

Clinical Research Informatics Discussed at NCRP Council

The Advisory Council to the National Institutes of Health National Center for Research Resources (NCRP) dedicated most of its Jan. 18 meeting to a review of recent developments in clinical informatics. Presenters gave an overview of activities dependent on development of common standards and codes. The council noted the potential role of the Clinical and Translational Science Awards (CTSAs) in promoting adoption of common systems, standards, and procedures.

AHRQ Releases Annual Quality, Disparities Reports

AHRQ has released its 2006 National Healthcare Quality Report and the 2006 National Healthcare Disparities Report, which together track trends across a broad array of measures of health care quality and access for many racial and ethnic minority groups and socioeconomic groups. The quality report addresses the current state of health care quality as a whole, while the disparities report focuses on the variations in quality and access across different populations.

AAMC Urges Increased Health Professions Education Funding

The AAMC signed two Jan. 12 letters urging Congressional leadership to provide more funding for health and education programs in the final appropriations for FY 2007. A letter organized by the Coalition for Health Funding, requests \$7 billion over the President's FY 2007 budget request for health and education programs and has 54 co-signers. A second letter with 59 co-signers organized by the Health Professions and Nursing Education Coalition urges House and Senate leadership to provide \$155 million over FY 2006 levels for Title VII health professions programs, to return the programs to FY 2005 funding levels.

Proposed Rule Addresses Medicaid Financing Policies

The Centers for Medicare and Medicaid Services (CMS) Jan. 18 published a proposed rule (72 Federal Register 2236) to "clarify" Medicaid statute regarding intergovernmental transfers (IGTs), certified public expenditures (CPEs), and reimbursement for "governmentally operated

providers." Under the proposed rule, state reimbursement to government-operated providers could not exceed costs.

Genetics Nondiscrimination Bill Reintroduced

Reps. Louise Slaughter (D-N.Y.), Judy Biggert (R-Ill.), Anna Eshoo (D-Calif.), and Greg Walden (R-Ore.) Jan. 16 introduced the Genetic Information Non Discrimination Act (H.R. 493). The legislation, which has 143 sponsors, is identical to the bill passed unanimously by the Senate in February 2005. In his remarks at a NIH Roundtable on Advances in Cancer Prevention, President Bush Jan.17 urged the passage of legislation that makes genetic discrimination illegal.

Bush Signs NIH Reauthorization

President Bush Jan. 15 signed the National Institutes of Health Reform Act of 2006 (H.R. 6164, P.L. 109-687). Congress approved the bill in the final hours of the 109th Congress. The bill authorizes appropriations for NIH through FY 2009, authorizes the restructuring of NIH's Institutes and Centers under certain conditions, creates a "Common Fund" to promote trans-NIH research, and redistributes funds for SCHIP that were unspent in FY 2004 and FY 2005 to alleviate anticipated SCHIP funding shortages.

NRC Recommends Withdrawing OMB Risk Assessment

The National Research Council (NRC) Jan. 11 strongly recommended that a proposed bulletin governing federal agency risk assessments be withdrawn. The draft bulletin was released in January 2006 by OMB and would have set standards and requirements for Federal agencies performing such assessments, usually as a prelude to regulation or other decision making. In its comments on the bulletin last March, the AAMC cautioned that the standards, as proposed and without qualification, could interfere with critical decision making in the Public Health Service, such as a determination by a data safety monitoring board to intercede in a clinical trial.

No New Medicare Reporting Program Required for Bonus System

During a CMS "Open Door Forum" this week, agency representatives stated that physicians will not be required to enroll in a new Medicaid "program" in order to receive bonus payments for reporting quality measures.

Just prior to adjournment, the 109th Congress approved legislation that would provide physicians with a 1.5% Medicare reimbursement bonus beginning in July 2007, for reporting quality data to CMS. The information will be submitted through the normal claims process for services covered under the current physician fee schedule.

According to CMS representatives, although caps will likely be put in place, the bonus payments will be based on all allowable charges rather than simply the 80% reimbursed by Medicare.

Research and Funding Opportunities:

Funding Opportunities for Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Grant Programs for 2007

(NOT-OD-07-036)

National Institutes of Health

Centers for Disease Control and Prevention

Food and Drug Administration

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-036.html>

Delays in Grant Application Submission due to Ice Storms - January 2007

(NOT-OD-07-037)

National Institutes of Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-037.html>

NIH/AHRQ Confirms Plans to Transition the G7, G8, G11, G13, G20, S11, S21 and S22 to Electronic Applications and Announces Delay in Transition of K, F, T and Complex Grant Programs

(NOT-OD-07-038)

National Institutes of Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-038.html>

NIA Resources for Aging Studies in the Non-Human Primate Model

(NOT-AG-07-004)

National Institute on Aging

<http://grants.nih.gov/grants/guide/notice-files/NOT-AG-07-004.html>

RFA Announcement: B Cell Immunology for Protective HIV Vaccines

(NOT-AI-07-020)

National Institute of Allergy and Infectious Diseases

<http://grants.nih.gov/grants/guide/notice-files/NOT-AI-07-020.html>

Announcement of Participation of NICHD on PA-07-205 - Research on the Economics of Diet, Activity, and Energy Balance

(NOT-CA-07-008)

National Cancer Institute

<http://grants.nih.gov/grants/guide/notice-files/NOT-CA-07-008.html>

Clarification and Additional Information to HG-07-030 and HG-07-031

(NOT-HG-07-007)

National Human Genome Research Institute

<http://grants.nih.gov/grants/guide/notice-files/NOT-HG-07-007.html>

AHRQ Interim Guidance on Salary Limitation for Grants, Cooperative Agreements, and Contracts

(NOT-HS-07-001)

Agency for Healthcare Research and Quality

<http://grants.nih.gov/grants/guide/notice-files/NOT-HS-07-001.html>

Notice of Expansion of NINR Definition of Underrepresented Applicant

(NOT-NR-07-001)

National Institute of Nursing Research

<http://grants.nih.gov/grants/guide/notice-files/NOT-NR-07-001.html> Requests for Applications

NIAID Competing Supplements (Revisions) for B Cell Immunology and HIV-1 Neutralizing Antibody Projects (R01)
(RFA-AI-07-016)

National Institute of Allergy and Infectious Diseases

Application Receipt Date(s): March 15, 2007

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-07-016.html>

Human Genes and the Environment Research Training Program (T32)

(RFA-ES-07-002)

National Institute of Environmental Health Sciences

National Human Genome Research Institute

Application Receipt Date(s): June 29, 2007

<http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-07-002.html>

Data Coordinating Center for the NICHD Cooperative Multicenter Neonatal Research Network (U10)

(RFA-HD-07-002)

National Institute of Child Health and Human Development

Application Receipt Date(s): July 17, 2007

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-07-002.html>

Migraine: Neural Mechanisms and Risk Factors for Progression (R01)

(RFA-NS-07-005)

National Institute of Neurological Disorders and Stroke

Application Receipt Date(s): April 16, 2007

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-07-005.html> Program Announcements

PHS 2007-02 Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44])

(PA-07-280)

National Institutes of Health

Centers for Disease Control and Prevention

Food and Drug Administration

National Center for Birth Defects and Developmental Disabilities

National Center for Complementary and Alternative Medicine

National Center for Chronic Disease Prevention and Health Promotion

National Center for Health Statistics

National Cancer Institute

National Center for Infectious Diseases

National Center for Injury Prevention and Control

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 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 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 Institute for Occupational Safety and Health
National Library of Medicine

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-280.html>

PHS 2007-02 Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42])
(PA-07-281)

National Institutes of Health
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 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 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-07-281.html>

Epigenetic Approaches in Cancer Epidemiology (R01)
(PA-07-298)

National Cancer Institute

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-298.html>

Epigenetic Approaches in Cancer Epidemiology (R21)

(PA-07-299)

National Cancer Institute

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-299.html>

Hypersensitivity Pneumonitis - Early Identification and Mechanisms of Disease (R01)

(PA-07-300)

National Heart, Lung, and Blood Institute

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-300.html>

Application of Metabolomics for Translational and Biological Research (R01)

(PA-07-301)

National Cancer Institute

National Heart, Lung, and Blood Institute

National Institute on Aging

National Institute on Drug Abuse

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

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-301.html>

Application of Metabolomics for Translational and Biological Research (R21)

(PA-07-302)

National Cancer Institute

National Heart, Lung, and Blood Institute

National Institute on Aging

National Institute on Drug Abuse

National Institute of Dental and Craniofacial Research

National Institute of Environmental Health Sciences

National Institute of General Medical 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-07-302.html>

Novel Approaches to Enhance Animal Stem Cell Research (R01)

(PA-07-303)

National Center for Research Resources

National Cancer Institute

National Eye Institute

National Heart, Lung, and Blood Institute

National Institute on Aging
National Institute of Arthritis and Musculoskeletal and Skin Diseases
National Institute of Biomedical Imaging and Engineering
National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Diabetes and Digestive and Kidney Diseases
National Institute of Environmental Health Sciences
National Institute of Mental Health
Application Receipt/Submission Date(s): Multiple dates, see announcement.
<http://grants.nih.gov/grants/guide/pa-files/PA-07-303.html>
Novel Approaches to Enhance Animal Stem Cell Research (R21)
(PA-07-304)
National Center for Research Resources
National Cancer Institute
National Eye Institute
National Heart, Lung, and Blood Institute
National Institute on Aging
National Institute of Arthritis and Musculoskeletal and Skin Diseases
National Institute of Biomedical Imaging and Engineering
National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Diabetes and Digestive and Kidney Diseases
National Institute of Environmental Health Sciences
National Institute of Mental Health
Application Receipt/Submission Date(s): Multiple dates, see announcement.
<http://grants.nih.gov/grants/guide/pa-files/PA-07-304.html>
Neurobiology of Migraine (R01)
(PA-07-305)
National Institute of Neurological Disorders and Stroke
National Institute on Deafness and Other Communication Disorders
National Institute of Dental and Craniofacial Research
National Institute of Environmental Health Sciences
Application Receipt/Submission Date(s): Multiple dates, see announcement.
<http://grants.nih.gov/grants/guide/pa-files/PA-07-305.html>
Neurobiology of Migraine (R21)
(PA-07-306)
National Institute of Neurological Disorders and Stroke
National Institute on Deafness and Other Communication Disorders
National Institute of Dental and Craniofacial Research
National Institute of Environmental Health Sciences
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-07-306.html>
Drug Abuse Aspects of HIV/AIDS (R01)

(PA-07-307)

National Institute on Drug Abuse

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-307.html>

Drug Abuse Aspects of HIV/AIDS (R03)

(PA-07-308)

National Institute on Drug Abuse

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-308.html>

Drug Abuse Aspects of HIV/AIDS (R21)

(PA-07-309)

National Institute on Drug Abuse

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-309.html>

International Research Collaboration on Drug Addiction (R21)

(PA-07-310)

National Institute on Drug Abuse

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-310.html>

International Research Collaboration on Drug Addiction (R03)

(PA-07-311)

National Institute on Drug Abuse

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-311.html>

Mental Health Consequences Of Violence And Trauma (R01)

(PA-07-312)

National Institute of Mental Health

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-312.html>

Mental Health Consequences of Violence and Trauma (R03)

(PA-07-313)

National Institute of Mental Health

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-313.html>

Mental Health Consequences Of Violence And Trauma (R21)

(PA-07-314)

National Institute of Mental Health

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-314.html>

Research on Clinical Decision Making in Life-Threatening Illness (R21)

(PA-07-316)

National Institute of Nursing Research

National Cancer Institute

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

<http://grants.nih.gov/grants/guide/pa-files/PA-07-316.html>

Mental Health Consequences Of Violence And Trauma (R34)

(PAR-07-315)

National Institute of Mental Health

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

<http://grants.nih.gov/grants/guide/pa-files/PAR-07-315.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:

There is a single light of science, and to brighten it anywhere is to brighten it everywhere.
Isaac Asimov

An expert is a man who has made all the mistakes which can be made in a very narrow field.
Niels Bohr

Anybody who has been seriously engaged in scientific work of any kind realizes that over the entrance to the gates of the temple of science are written the words: 'Ye must have faith.'
Max Planck

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