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# UNIVERSITY LETTER

*UND'S WEEKLY NEWSLETTER*

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## **TOP STORIES**

### **American Indian Center groundbreaking set for Friday, April 2**

The groundbreaking ceremony for UND's new American Indian Center will be held on Friday, April 2, at 2 p.m. The campus community is invited to the ceremony to be held at the site of the new Center at 315 Princeton St.

The new center will replace the current outdated and overcrowded facility on Cambridge Street. There are about 400 American Indian students at UND and more than half of them use the Center on a regular basis. The Center will feature a number of study and recreational areas as well as house offices and student services for American Indian students.

[http://www.und.edu/dept/our/dimensions/march2004/html/5\\_2.html](http://www.und.edu/dept/our/dimensions/march2004/html/5_2.html)

– Charles Kupchella, President.

### **President Kupchella will lead open forums on Strategic Plan II development**

All members of the University community are invited to attend open forums, led by President Kupchella, to discuss the development of Strategic Plan II: Building on Excellence. Please see the schedule below.

Tuesday, April 6, 4 to 5:30 p.m., River Valley Room, Memorial Union; Wednesday, April 7, noon to 1:30 p.m., Lecture Bowl, Memorial Union.

You are welcome to attend any or all the meetings that your schedule permits. The forums are sponsored by Student Senate, Staff Senate, University Senate, Academic Affairs, and the President's Office. For more information on the strategic planning process, visit <http://www.und.edu/stratplan2/>.

— Charles Kupchella, President.

### **Reminder to complete harassment training program**

We thank those who have completed harassment training. If you have not yet completed the training, please do so immediately. This training is required for all faculty and staff, graduate students who teach, and students who supervise others in support of UND's efforts to promote a respectful campus community for everyone. If you have any questions regarding how to access the training program, please contact the Office of General Counsel at 777-6345. Thanks for your cooperation.

– Charles Kupchella, president.

### **Martha Potvin named interim provost**

Martha Potvin, dean of the College of Arts and Sciences, will serve as interim vice president for academic affairs and provost while UND continues its search for a permanent replacement for John Ettling, who has resigned to assume the presidency at State University of New York, Plattsburgh.

President Charles Kupchella said he had decided to extend the search that recently brought three candidates to campus for interviews.

"This position is critical to the future of the University," Kupchella said. "I believe that continuing the search process is in UND's best interest. Dr. Potvin is an able senior administrator. I am confident she will provide excellent leadership until such time as a permanent appointment is made."

Potvin became dean of UND's oldest and largest college in 2001. She holds a Ph.D. in ecology and evolutionary biology from the University of Nebraska and previously served as a faculty member and administrator at West Chester University of Pennsylvania.

The provost is the second-ranking administrator at UND. Potvin will join four other vice presidents who report to Kupchella: Robert Boyd, student and outreach services; Robert Gallager, finance and operations; Peter Alfonso, research; and H. David Wilson, health affairs.

– Charles Kupchella, president.

## **Bryan Stevenson will give law commencement address**

Bryan Stevenson, executive director of the Equal Justice Initiative of Alabama in Montgomery and a professor at the New York University School of Law, will give the address at the law school commencement ceremony Saturday, May 15, at 10 a.m., Chester Fritz Auditorium.

Recognized as one of the top public interest lawyers in the nation, Stevenson's efforts to confront bias against the poor and people of color in the criminal justice system have earned him national awards including the National Public Interest Lawyer of the Year, the Thurgood Marshall Medal of Justice, the ABA Wisdom Award for Public Service, the ACLU National Medal of Liberty, and the Olaf Palme Prize for International Human Rights. A graduate of Harvard Law School and the Harvard School of Government, Stevenson holds honorary degrees from Washington University and Georgetown University School of Law. Stevenson and his staff have been successful in overturning dozens of capital murder cases and death sentences where poor people have been unconstitutionally convicted or sentenced. He has published articles on race, poverty, and the criminal justice system as well as manuals on capital litigation and habeas corpus.

## **President Kupchella will address University Council May 3**

President Kupchella will address the University Council at 4 p.m. Monday, May 3, in the Memorial Union Ballroom.

The University Council consists of the following who are employed primarily on the Grand Forks campus: the president, vice presidents, registrar, director of libraries, all deans, all department chairpersons, all full-time faculty of the rank of instructor, assistant professor, associate professor, and professor; program directors, coordinators, assistant and associate deans who concurrently hold faculty rank; the director of the counseling center; professional librarians, and such other academic personnel and administrative officers as the council may designate. The quorum of the council necessary for the transaction of business is 25 percent of the council membership (or 144 of the current 576 members). The president is the ex officio chairman, and the registrar is the ex officio secretary. Council meetings are open to the public, and students, staff and the general public are invited to attend.

– Nancy Krogh (registrar), University Council secretary.

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## **EVENTS TO NOTE**

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### **Forum will focus on "Understanding the Powwow"**

The final forum in the Exploring the American Indian Experience series will be Thursday, April 1, titled "A Celebration of Life: Understanding the Powwow in Today's Indian Experience." This event will be held in the Chester Fritz Auditorium from

7 to 9 p.m. and is open to the public free of charge. Singers, dancers and musicians will demonstrate six dances featured in most powwows. Discussion leaders Russ McDonald, research analyst in the Center for Rural Health, and Brian Gilley, assistant professor of Indian studies, will describe the dances and regalia to create an understanding of the significance of each. The powwow is colorful, loud and alive with many elements of tradition and culture. Here is an opportunity to learn much more about this celebration of life.

The last event in this series will be another informal discussion of *The Dull Knives of Pine Ridge: A Lakota Odyssey*, Tuesday, April 20, from 5:30 to 7 p.m. in the Barnes & Noble/UND Bookstore Coffee Shop. Discussion leaders Birgit Hans, Greg Gagnon, and Brian Gilley, all from Indian studies, will talk about the biography of the Dull Knife family throughout four generations of transition. This book provides a unique glimpse of Lakota culture.

All are welcome to both events at no charge. This series is sponsored by the Office of the President. For more information, call 777-6393 or go to this web site: [www.conted.edu/AIE](http://www.conted.edu/AIE).

## Biochemistry seminar series continues

As part of the biochemistry seminar series, Gilbert H. John, associate professor of microbiology and molecular genetics, Oklahoma State University, will deliver a research presentation titled "Biochemistry, Genetics, and Molecular Biology of Intestinal Bacteria Involved in the Metabolism of Xenobiotics." It will be held Thursday, April 1, at 4 p.m. in the Clifford Haugen Lecture Hall, Room 1360, at the School of Medicine and Health Sciences. All are invited to attend.

On Friday, April 2, at 11:30 a.m., Dr. John will also participate in the professional panel discussion during the American Indian Science and Engineering Society (AISES) Region 5 Conference held in the UND Memorial Union.

### Research presentation summary

Intestinal bacteria have many functions that are related to digestion, cofactor synthesis, and immunity. Regarding digestion, intestinal bacteria are involved in detoxification and toxification of xenobiotics, which can impact human health. Very little information is available regarding the identification of specific enzyme systems involved in disease formation (toxification). Part of this lack of information is due to the complex nature of these microorganisms and their diverse metabolic activities.

Dr. John's visit is supported by the department of biochemistry and molecular biology and the department of microbiology and immunology at the medical school, as well as the North Dakota Biomedical Research Infrastructure Network. Anyone interested in meeting with Dr. John should call Kim Hansen at 777-6376 ([khansen@medicine.nodak.edu](mailto:khansen@medicine.nodak.edu)), to schedule time with him.

– Patrick Miller, North Dakota Biomedical Research Infrastructure Network.

## Winners of essay contest announced

The women studies program would like to announce the winners for the 2004 essay contest.

Many thanks to the authors for all the creative and original entries in the 2003 women studies essay contest. The winners for the graduate division are Audra Van Hoff for her thesis "The Perpetuation of the Fairy Tale Narrative in Popular Film: A Textual Analysis," chaired by Lana Rakow; and Linda Baeza for "The Consequences of My Affliction: Melodrama," written for a class taught by Kathleen Dixon. In the undergraduate division the winner is Elizabeth Comeau for "The Genesis of Patriarchy and the Exodus of the Goddesses" for introduction to women studies, taught by Jean Chen. First honorable mention for this category goes to Kara Fuchs for "History: Searching for my Identity" written for advanced composition, taught by Kathleen Dixon. Second honorable mention for this category goes to Shelley Kudelka for "American Beauty" written for introduction to women studies, taught by Kathleen Brokke. In the creative division the winner is Sherina Hume for "Women's History Month" presented for A&S 492 independent study, supervised by Kathy King.

Everyone is encouraged to attend the award ceremony at the International Centre, 2908 University Ave., Thursday, April 1, at noon. It will be followed by a discussion on sexual assault awareness.

Each year the program sponsors a contest for the best essay, creative, and scholarly papers that wholly or in significant part address issues of particular concern to women. The essays and creative entries were written during the spring and fall semesters of 2003. The contest is open to students in any discipline and may be of any length. To submit an essay written during the spring or fall semesters of 2004 please contact Wendelin Hume at 777-4115.

— Wendelin Hume, director of women studies.

## Blues Traveler and Gin Blossoms play spring concert

The University Program Council and Ralph Engelstad Arena present the UND Spring Concert featuring Blues Traveler with special guest Gin Blossoms Thursday, April 1, 7:30 p.m. at the Ralph Engelstad Arena. Tickets are on sale now. UND student tickets are \$5, tickets for non-UND students are \$25; they are available at the Ralph Engelstad Arena box office, all ticketmaster locations by calling 772-5151 or online at [theralph.com](http://theralph.com). All seats are general admission.

— Ralph Engelstad Arena.

## Time Out Wacipi events listed

Following are some of the Time Out Wacipi events planned:

### Thursday, April 1:

10 to 11 a.m., Red River Valley Room, Memorial Union. Jason Christenson and Tammy Lawrence, "The Pathology of Oppression – A Discussion About HIV and Native American Populations in North Dakota."

1 to 2 p.m., Red River Valley Room, Memorial Union. Rob Olson has worked as a court-appointed lawyer for Grand Forks and Nelson Counties, Federal District Court, and has served private clients. He has represented people accused of crimes in state and federal jury trials and has argued numerous appeals before the North Dakota Supreme Court.

7 to 9 p.m., Chester Fritz Auditorium. American Indian Experience, "A Celebration of Life: Understanding the Powwow in Today's Indian Experience." This session examines the role of tradition in the powwow and discusses the categories of competition in a contest powwow. Professional dancers and musicians will demonstrate elements of the powwow and explain the significance of dress in each dance style. The powwow consists of many other activities that will be reviewed in order to understand each segment of the event and honor the tradition of this celebration of life. Coordinators are Russ McDonald and Brian Gilley.

### Friday, April 2:

10 a.m. to noon, International Center. LaVonne Fox, "Cycle of Oppression: Indian Country."

Noon to 2 p.m., Fred Orth Lecture Bowl, Memorial Union. Dan Green, "Perception Becomes Reality," a slide show overview of the perception of Native America in this country since 1492. From the major myths of Columbus and Pocahontas to the seemingly harmless Santa Fe Chief or Dances with Wolves, popular imagery has always perpetuated a distorted, and often agenda-laden, view of indigenous peoples. These images, imbedded in American social fabric, create beliefs and influence values that people base decisions upon, such as voting on Indian casinos, University mascots and Native American sovereignty. A brief history and perspective will be provided with pictures of commercial artifacts and of Hollywood film from the silent era through present day.

2 to 3 p.m., 315 Princeton St. Groundbreaking ceremony. Please join President Kupchella and the staff of American Indian Student Services and students for this groundbreaking for the new American Indian Student Services Center.

7 p.m., Hyslop Sports Center. Grand entry, 35th annual powwow.

Saturday, April 3:

1 and 7 p.m., Hyslop Sports Center. Grand entry, 35th annual powwow.

Sunday, April 4:

1 p.m., Hyslop Sports Center, Grand entry, 35th annual powwow.

— UND American Indian Association.

## Open house will celebrate 20th year for CFSTC

Children and Family Services Training Center is celebrating its 20th anniversary with an open house Friday, April 2, from 2 to 4:30 p.m. in the basement of Gillette Hall.

The training center was established in the social work department at UND in March 1984 through a partnership with the Division of Children and Family Services of the North Dakota Department of Human Services. The training center was created to design and provide child welfare training opportunities to practitioners, serve as an advocate for child welfare

related initiatives and programs, serve as a resource center concerning child welfare training materials and issues, and provide consultation in the area of child welfare practice and administration.

– Pete Tunseth, director, Children and Family Services Training Center.

## **Lotus Center shows video**

The Lotus Meditation Center, 2908 University Ave., will present a video Sunday, April 4. From Jesus to Christ: The First Christians, a PBS documentary on early Christianity, will show at 1:30 p.m., free of charge and open to all. Contact me at 787-8839 for more information.

– Lora Sloan, Lotus Meditation Center.

## **Graduate committee meets Monday**

The graduate committee will meet Monday, April 5, from 3:05 to 5 p.m. in 305 Twamley Hall. The agenda will include:

1. Approval of minutes from March 1.
2. Request to offer a new post-master's certificate program in nursing education. This request is accompanied by a change in requirements for the master of science to include a nursing education specialization in addition to the other five specializations already approved.

As part of this nursing education specialization are requests for the following new courses:

Nursing 566, Curriculum Development

Nursing 567, Teaching Strategies

Nursing 568, Teaching Practicum

Nursing 569, Assessment and Evaluation

They also request to delete Nursing 565: Teaching Practicum and Seminar.

3. Request for new courses: T&L 586, Assessment in Higher Education and T&L 587, Technology in College Teaching.
4. Teaching and learning requests to change the title of the areas of emphasis in the doctoral program.
5. Draft language to replace "Academic Standards" in Catalog. This review was prompted by the University's academic policy and admissions committee decision to revise the probation/dismissal policy for undergraduates. Please review this draft and be prepared to discuss it.
6. The transitional Master of Physician Assistant program. Dean Benoit wishes to discuss this.
7. Announcement: We will seek approval from the SBHE for the Doctor of Philosophy in Music Education.
8. Announcement: The April 26 graduate committee meeting will be held at the J. Lloyd Stone Alumni Center from 3 to 4:30 p.m..
9. Matters arising.
10. Scholarship awards committee.

– Joseph Benoit, dean, graduate school.

## **Chautauqua program will portray Amelia Earhart**

A special Chautauqua-style program by Amelia Earhart will be presented at 7 p.m. Monday, April 5, at the Hilton Garden Inn. Earhart will be portrayed by Ann Birney, an historian with her Ph.D. in American history. Birney, like Earhart, is from Kansas.

Earhart will speak from the year 1937, just before she departed from Florida for her attempted around-the-world flight.

Earhart made it to within 35 to 100 miles of Howland Island in the Pacific. Her plane apparently went down in that area after running low on fuel; the bodies of Earhart and her navigator, as well as the wreckage of her plane, were never found.

This Chautauqua program will honor women in aviation at UND and the Grand Forks Air Force Base, local commercial

female pilots and area women who have private pilot's licenses. The free program is open to the public; attendees do not have to be involved in aviation. Registration is not required but is recommended. To make reservations please call Suezette Rene Bieri at 777-4856 or 1-800-828-4274.

Birney will also portray Earhart at programs for sixth graders later in the week in Grand Forks, Bismarck and Williston. She will be flown to the other locations in North Dakota by UND Aerospace.

These programs are sponsored by the NASA North Dakota Space Grant Consortium, the Department of Aviation and Space Studies at UND, and the dean's office of the J.D. Odegard School of Aerospace Sciences, NASA Langley Space Flight Center, the Grand Forks Herald, the North Dakota Heritage Center, Williston State College, the Williston Chamber of Commerce, and Jeff Nelson from the Northern Plains Radio Network.

– Odegard School.

## **Wenstrom Lecture discusses Omdahl, Strinden**

The Bureau of Governmental Affairs announces the inaugural Frank Wenstrom Lecture Series, Tuesday, April 6, from 6 to 7:30 p.m. in the Memorial Union's Fred Orth Lecture Bowl. The evening will explore the careers and opinions of former Lt. Gov. Lloyd Omdahl and former House Majority Leader Earl Strinden. All friends and colleagues, and all others interested in the significant contributions these two have made to North Dakota, are encouraged to attend.

– Steve Snortland, assistant director, Bureau of Governmental Affairs.

## **Seminar focuses on ferritin and iron nutrition**

The United States Department of Agriculture Human Nutrition Research Center seminar series continues with "Ferritin and Iron Nutrition," presented by Elizabeth Theil, senior scientist, Childrens Hospital Oakland, Research Institute and professor of biochemistry, North Carolina State University, adjunct. The seminar is set for Tuesday, April 6, at 11 a.m. in the Grand Forks Human Nutrition Research Center library.

– Grand Forks Human Nutrition Research Center.

## **Geography candidate presents seminar**

Kevin Romig will present "The Master-Planned Sense of Place in Metropolitan Phoenix" at noon Tuesday, April 6, in 366 Clifford Hall. Mr. Romig is from Arizona State University, Tempe and is a faculty candidate for the human geography position in geography. All are welcome.

– Devon Hanson, geography.

## **Doctoral examination set for Dean Frohlich**

The final examination for Dean A. Frohlich, a candidate for the Ph.D. degree with a major in biochemistry and molecular biology, is set for 1 p.m. Tuesday, April 6, in Room 5510, School of Medicine and Health Sciences. The dissertation title is "Nucleoside Diphosphate Kinase Isoforms Associated with Mitochondria in Rat and Human." David Lambeth (biochemistry and molecular biology) is the committee chair.

The public is invited to attend.

– Joseph Benoit, dean, graduate school.

## **Faculty invited to April box lunch discussions**

Three sessions will round out the On Teaching box lunch discussion series for 2003-04:

- "Designing Effective Multiple-Choice Tests," Tuesday, April 6, 12:30 to 1:30 p.m., Memorial Room, Memorial Union. This is a reprise of one of the most popular sessions of last fall's Conference on Teaching. Three faculty from the medical school — Ken Ruit, Kurt Borg, and Edward Simanton — will share what they have learned about writing exams that are useful for both formative (student learning/feedback) and summative (grading/certification of competence) purposes. After their brief presentation, they will engage the audience in further conversation about the topic.

- "Teaching With Differences in Mind: Stories and Strategies," Friday, April 16, noon to 1:30 p.m., Badlands Room, Memorial Union.

This extended lunch hour session will focus on using narrative, or the telling of stories, to explore issues of difference in the classroom. Our special guest for the day will be Angela Leonard, African American scholar in American Studies at Loyola University.

She will be joined on the panel by two UND faculty members: Brian Gilley (Indian studies), and Gayle Baldwin (philosophy and religion).

- "Undergraduates Teaching Assistants: Economic Necessity or Effective Pedagogy?" Wednesday, April 21, noon to 1 p.m., Memorial Room, Memorial Union.

This session will feature four faculty who received model project awards for designing projects that use advanced undergraduate students as peer teachers in lower level classes. We'll hear from Dave Pierce (chemistry), Roger Melvold and Fran Sailer (microbiology and immunology), and Gayle Baldwin (philosophy and religion), each of whom will tell us what they are doing, why they initiated the project, and what they have learned so far. We'll also have time to talk about the advantages and disadvantages of using undergraduate peer instructors in the classroom.

To register for any of these sessions and reserve a free box lunch, call Jana Hollands at 777-4998 at least two full days before the event.

— Libby Rankin, office of instructional development.

## Rethinking retention is topic of teleconference

The National Resource Center for the First-Year Experience and Students in Transition production, "Rethinking Retention" is scheduled for Thursday, April 8, noon to 2 p.m., in the United Hospital Room, Medical School building. The teleconference is sponsored by student outreach services, career services, and TRIO programs. With demands for accountability increasing and campuses trying to fulfill their missions and serve more students with reduced financial support, retention remains the focal point of many campus discussions. Helping students succeed is both a financial imperative and a professional and ethical obligation. Join our experts as they reframe our thinking on retention while offering new approaches and strategies based on best practices and empirical research. They focus this conversation on creating pathways for students by looking vertically, from middle school through college matriculation and graduation, and horizontally, across campus departments and units, to find new approaches to our longstanding problems.

— TRIO programs.

## Athletics, REA offer Easter brunch

The UND Athletic Department and Ralph Engelstad Arena invite you to Easter Sunday Brunch at Ralph Engelstad Arena on Sunday, April 11, from 11 a.m. to 2 p.m. The menu will include waffle delight, breads galore, bountiful buffet, fresh fruit cascade, everything omelets, peel and eat shrimp, and much, much more! Beside a great meal, you can enjoy self-guided building tours, including ice level. Open skating will be available in the Olympic Arena from 11 a.m. to 5 p.m. There will be an Easter egg hunt for children 6 and under, and a special prize drawing for kids 7-12 (win a new mountain bike). Other door prizes include a pair of World Junior ticket packages (\$900 value), gas grill and two paid tuitions to UND Hockey Camp (\$420 value). Other family fun activities include Puck Shoot and Games to Go, and the Easter Bunny will make a special appearance. For reservations call 777-4920.

— Ralph Engelstad Arena.

## U2 workshops listed for April 13-22

Below are U2 workshops for April 13 through April 22. Visit our web site for additional workshops in April and May. Please reserve your seat by registering with U2 by phone, 777-2128; e-mail, U2@mail.und.nodak.edu; or online, [www.conted.und.edu/U2/](http://www.conted.und.edu/U2/). Please include workshop title and date, name, department, position, box number, phone number, e-mail address, and how you first learned of the workshop. Thank you for registering in advance; it helps us plan for materials and number of seats.

Power Point XP, Beginning: April 13 and 15, 8:30 a.m to noon (seven hours total), 361 Upson II Hall. Create presentations, add graphics and objects to slides, add tables and charts to slides, prepare a presentation, sort slides, add

slide transitions, and animate text. Presenter: Maria Saucedo.

Health Insurance During Retirement: April 14, 1:30 to 3 p.m., 10-12 Swanson Hall. NDPERS health insurance and Medicare supplement for retirees will be discussed. This seminar is for both NDPERS and TIAA-CREF employees who are interested in staying on the NDPERS health insurance during retirement. Presenter: An NDPERS benefit program administrator.

Pre-Retirement Planning for NDPERS Employees: April 14, 3 to 4:30 p.m., 10-12 Swanson Hall. An NDPERS Benefit Program Administrator will discuss the NDPERS retirement plan. Presenter: An NDPERS benefit program administrator. Understanding Diversity, Looking Within Before We Look Out: April 20, 9 a.m. to noon, River Valley Room,

Memorial Union. Fee: \$15 (includes refreshments and materials). Create an awareness of our own cultural values and beliefs while trying to understand those who may differ from us. We can't know everything about every culture, so we choose to look at diversity from an individual perspective. That way each person is given an opportunity to understand who they are and those who are different from us are not categorized into a stereotype. Presenter: Daniel Bjerknes.

Beneficial Work Station Design and Solving Ergonomic Problems: April 21, 9 to 10:30 a.m., Badlands Room, Memorial Union. New class designed to review ergonomic principles and factors relating to workstation design. Office, industrial, trade areas and tool selection will be included. In addition, problem solving methods will be utilized to address a variety of design problems. Class is appropriate for employees and supervisors in all areas on campus. Presenter: Claire Moen, safety and environmental health.

Choosing Your TIAA-CREF Income Options: April 21, 2:30 to 4:30 p.m., River Valley Room, Memorial Union. Information on retirement options with TIAA-CREF will be presented. Presenter: Molly Melanson, TIAA-CREF.

Personal Safety and Security, Critical Issues: April 22, 2 to 4 p.m., 10-12 Swanson Hall. Violent crimes occur all too often whether in the work place, home, or in the course of our daily lives. It is important that individuals know what to do to protect themselves. This workshop will identify underlying causes of violent crimes, warning signs, and methods for heading off serious situations as well as planning for prevention. Presenter: Duane Czapiewski and Jason Uhler.

— Julie Sturges, U2 program assistant, University within the University.

## **Graduate faculty meeting is April 14**

Joseph Benoit, dean, graduate school, invites all graduate faculty to the spring graduate faculty meeting Wednesday, April 14, at 3 p.m. in the River Valley Room, Memorial Union. The agenda follows:

1. Call to order.
2. Vote on constitutional revisions.
3. Information about the graduate school's new online admission application.
4. Announcement of summer research professorships and summer doctoral fellowships.
5. Information about the policy on outside employment for graduate assistants.
6. Strategic planning and the graduate school vision.

— Joseph Benoit, dean, graduate school.

## **MLK awards celebration set for April 15**

Mark your calendars for Thursday, April 15, at noon in the River Valley Room and enjoy the seventh annual MLK awards celebration. Awards will be given for eight different categories, and a guest speaker will present. Food and drinks will be served.

— Linda Skarsten, multicultural student services.

## **“Living Legend” Shirley Chater will speak at nursing forum**

Shirley Chater is the featured speaker at a nursing leadership forum to be held at the Alerus Center Friday, April 16, 8:30 a.m. to noon. Dr. Chater serves as the chair of the National Advisory Committee for the Robert Wood Johnson Executive Nurse Fellows Program. She was a University of California Regents Professor at the Institute for Health and Aging, University of California, San Francisco from 1997-1998. She previously served as the commissioner of the United States Social Security Administration from 1993-1997, and has served as president of Texas Woman's University and vice

chancellor for academic affairs at the University of California, San Francisco. As an independent lecturer and consultant, Chater works with many universities and organizations. She also serves as a senior consultant with the Academic Search Consultation Service, Washington, D.C./Mill Valley, Calif. Honored by the American Academy of Nursing as a "Living Legend" 2000, she holds a bachelor's degree in nursing from the University of Pennsylvania, a master's degree in nursing from the University of California, San Francisco, and 12 honorary doctorate degrees.

The leadership form is sponsored by Robert Wood Johnson Executive Nurse Fellows Loretta Heuer, associate professor of nursing, and Debbie Swanson, nursing supervisor, Grand Forks Public Health Department. There will be a panel discussion featuring North Dakota nurse leaders: Darlene Bartz, chief, health resources section, North Dakota Department of Health; Elizabeth Nichols, dean of UND's College of Nursing; Evelyn Quigley, senior executive and chief nursing officer, MeritCare Health System, and Margret Reed, chief nurse executive and administrator of surgical services, Altru Health System.

There is no charge for this event, which is open to the public. Pre-registration is requested but not required. A continental breakfast will be provided.

Registrations can be completed at [www.und.edu/dept/nursing/nlf/index.html](http://www.und.edu/dept/nursing/nlf/index.html). For more information, contact Loretta Heuer, 777-4527, or Debbie Swanson, 787-8113, .

– College of Nursing

## **Colloquium considers "Journalism in Asia"**

The School of Communication is pleased to announce a lecture by Dra. Hernani Sirikit, visiting Eisenhower Fellow, who will present "Journalism in Asia" Tuesday, April 20, at 7 p.m. in 334 O'Kelly Hall. A reception following the presentation will be held in the Schlasinger Reading Room, 200 O'Kelly Hall. Co-sponsors are the North Dakota Newspaper Association and School of Communication.

– School of Communication.

## **Theatre arts presents Private Lives by Noel Coward**

The comedy Private Lives by Noel Coward is the final production of the 2003-2004 "A Little Bit of Broadway in Your Own Backyard" season at theatre arts. In Private Lives Elyot Chase (played by Derek Dirlam) and Amanda Prynne (played by Margaret McDonald) meet five years after their divorce, upon the occasion of their honeymoon with new spouses, when all couples stay at the same hotel and . . . in adjoining suites! Elyot and Amanda's smoldering love affair re-ignites, and they run off to Amanda's Paris flat together. Therein they reestablish their notorious and delightfully entertaining pattern of their relationship: "moments of rapture alternating with increasingly ugly quarrels" (critic Milton Levin). Elyot's second wife, Sybil, (Anne K. Svanes) and Amanda's second husband, Victor, (Joe Mack) arrive to confront their new yet estranged spouses and are ushered in by maid Louise (Sharon Boonstra) to find the divorced couple engaged in sensual, hand to hand combat.

Private Lives is directed by Mary Cutler.

In conjunction with the production, theatre arts will feature a panel discussion, "Women Studies Spotlight" at 3 p.m. Wednesday, April 21, at Burtness Theatre. In addition, a symposium, "Gender and Comedy," featuring UND scholars and Penny Farfan, associate professor of drama at the University of Calgary, will take place at the Burtness Theatre Thursday, April 22, at 4 p.m. A lecture, "Coward and Comic Form," by Farfan will be held at 11 a.m. Friday, April 23, at Burtness Theatre. Dr. Farfan will also lead two post-show discussions April 22 and April 23.

Private Lives will open April 20 and run until April 24 at the Burtness Theatre. All performances start at 7:30 p.m. Tickets are \$12 or \$6 with a student I.D. Free reserved parking is available on campus. For more information and reservations please call the Burtness Theatre box office at 777-2587.

– Theatre arts.

## **R&D Showcase III links campus research and business communities**

R&D Showcase III will be held Thursday, April 29, at the Fargodome in Fargo. This year's showcase seminar will be hosted by North Dakota State University and features the theme, "Technology as a Catalyst for North Dakota's Growth." Sessions will highlight ways in which campus research and development activities can successfully interact with the business community to spur economic growth. Area business leaders, along with campus faculty, staff, and students, are

encouraged to attend.

Bruce McWilliams, president and CEO of Tessera Technologies, Inc. of San Jose, Calif., will be the keynote speaker. McWilliams has been involved in a number of high-tech companies, including S-Vision Inc., a silicon chip-based display company; Flextronics International Ltd., an electronic manufacturing services company; and nCHIP Inc., a multi-chip module packaging company.

Tessera Technologies, Inc. is a developer of intellectual property and services that help the semiconductor industry build smaller, faster, and more reliable electronic products. In 2002, Tessera was one of Inc. Magazine's "The Innovation 50," a listing of the most inventive small companies in entrepreneurial America. The company's advanced chip-scale packaging innovations have been used in a wide range of wireless, computing, gaming, entertainment, medical, and defense electronic products.

The dinner presentation will feature Paul Drzaic, vice president of advanced development for Alien Technology, who will share "The Alien Technology Story." For more information about the event or to register online, go to <http://www.ndsuresearchpark.com>.

## **Bo Diddley to perform at Empire**

The Bo Diddley 75th birthday tour is coming to the Empire Arts Center Saturday, May 15, at 7:30 p.m. The concert will be part of the Happy Harry's American Music Series. Bo Diddley is one of the true legends in American music. His role in the birth of rock and roll and his impact on popular music since the 1950s have proven that he has earned the title of "The Originator."

Ellas Bates McDaniel was born Dec. 30, 1928, in McComb, Miss. The family moved to Chicago in 1936. He took up boxing (where he acquired the nickname "Bo Diddley"), carpentry and mechanics. Music was only a hobby. However, over time he developed a rhythm that became known as the "Bo Diddley Beat." This revolutionary sound would be one of the driving forces in the development of rock and roll.

During the late 50's he released a string of rhythmic masterpieces including "Pretty Thing," "Who Do You Love," "Hey! Bo Diddley," and "Hush Your Mouth." Bo also played on several classic Chuck Berry recordings, including "Memphis, Tennessee" and "Sweet Little Rock N' Roller." In 1959 he laid the foundations for rap with "Say Man," a jive dialogue with Jerome Green.

He has had parts in movies like Trading Places, Hail! Hail! Rock N' Roll, Rockula and Blues Brothers 2000. His music has appeared in La Bamba, Dirty Dancing and many other films. He has also appeared on several different television shows including "According to Jim" with Jim Belushi in April 2003.

He was inducted into the Rock & Roll Hall of Fame in 1987 by Texas blues rockers ZZ Top, and has a star on the Hollywood Walk of Fame. He has been given "lifetime achievement" award at the Rhythm & Blues Foundation's Pioneer Awards (1996), the National Academy of Recording Arts and Sciences Grammy Awards (1998), and the National Association of Black-Owned Broadcaster's Communications Awards (2002). He was invited to perform at the presidential inaugurations of both George Bush and Bill Clinton. John F. Kennedy requested a private performance at the White House.

Tickets are \$35 and will go on sale Friday, April 2, at the Chester Fritz Auditorium box office and other Ticketmaster locations. All seats will be reserved. All profits from the concert will benefit the Empire Arts Center. More information on the Empire and the Bo Diddley concert can be found at [www.empireartscenter.com](http://www.empireartscenter.com). or by calling 746-5500. Don't miss this music legend performing on stage at our own historic Empire Arts Center.

– Jan Orvik, editor, for the Empire Arts Center.

## **Tickets available for Eagles concert**

Reserve your seats today to see the Eagles live in concert at Ralph Engelstad Arena Sunday, May 16, at 8 p.m. You do not want to miss this great show in their "Farewell I" tour. There are still great seats available. Tickets are available at the Ralph Engelstad Arena box office, all Ticketmaster locations at 772-5151 or online at [theralph.com](http://theralph.com).

– Sommer Lockhart, media buyer, Ralph Engelstad Arena.

## **Museum offers summer art day camps**

The North Dakota Museum of Art will offer the following summer art day camps.

Session 1, June 21-25: "Snakes, Snakes, Snakes" with artist Suzanne Kanatsiz. Build 'em, paint 'em, fill the room full of snakes! Ages 6-12.

Session 2, July 5-9: "Over, Under, Around and Through" with artist Sue Fink. Be artists, architects, painters and designers. We'll build our own home and our own town – inside and out. Ages 6-9.

Session 3, July 12-16: "World of Wonder" with artist Ceil Anne Clement. Brace yourself for a journey into Fantasyland. Clement, North Dakota storyteller, will tell stories, then we will make our own books, illustrations and backdrops. Ages 9-13.

Session 4, July 19-23: "Public Artworks" with artists Adam Kemp and Sue Fink. See what wild and crazy masterpieces you can make together. There is always room for another public artwork. Ages 6-12.

Session 5, July 26-30: "Public Sculpture 101" with artist Adam Kemp. Create a spectacular public sculpture together. Outrageous fun is guaranteed. Ages 6-12.

Session 6, Aug. 2-6: "The Magical Art of Harry Potter" with artist Ali LaRock. Be ready to make potions, re-pot mandrakes, sculpt magical creatures and make broomsticks. That's just the beginning. Ages 9-13.

Summer art day camps are art studios for children to build with their imaginations. It is not like other camps! Students create art alongside and with the guidance of a professional artist to make the ordinary EXTRAordinary. Young artists learn the basic elements of art and how to develop an artwork based on everyday experience while having fun collaborating with artists and other students.

All camps run Monday through Friday from 9:30 a.m. to 3 p.m.

#### **About the artists:**

Suzanne Kanatsiz is a professor of art at Weber State University in Utah. She is a sculptor whose installations are quite conceptual. She has a long background of working with children of all ages, and is the mother of a young boy. Her quiet laid-back personality encourages children to explore and build skills. Her Snakes, Snakes, Snakes camp will culminate with snakes of all materials, patterns, textures and sizes – from miniature to giant. Ages 6-12.

Sue Fink is the director of education at the North Dakota Museum of Art. She has worked with children of all ages, including children with disabilities and at-risk populations. Trained in sculpture, but mostly now a painter, Sue loves making "personal spaces." Children will use their imaginations and mostly recycled items to make and paint child-size tents and houses, furnish them, landscape the outside, map and build "Kid City." This will be a city like none other – just for kids. Ages 6-9

Ceil Anne Clement is a storyteller from North Dakota. She weaves magic with her stories for all ages, and then by telling stories from many genres. Children evolve from story listeners to story experts. Imaginations run wild in Ms. Clement's camps. Along with hearing fantastic tales, kids will make storyboards, book covers, illustrate stories and build backdrops and props. Ages 9-13.

Adam Kemp is planning to make a public sculpture with the children. Kids learn valuable teamwork by making a work together while having a blast at the same time. Last year's birds that surround the Museum are an example of the kind of project the kids will do this year. Prepare to get wild and messy! Ages 6-12.

Ali LaRock is an artist who lives in Bismarck. Her camp, "The Magical Art of Harry Potter" is sure to be exciting. Draw, paint, make potions, sculpt magical creatures, make broomsticks and more. Ages 9-13.

Registration can be done by phone with your credit card, or you can register by phone and send or bring your payment to the Museum. Classes are limited to 20 students, so register early. Classes cost \$120 for non-members, and \$100 for members. You may also purchase Museum household memberships for \$50 or student memberships for \$10 to be admitted to member status. If you purchased a student membership last summer at any time for summer camp, you must purchase another membership when paying for this summer camp. Payments for campus should be made by June 15; a limited number of full and partial scholarships may be available.

A full refund is granted if a class is canceled by the Museum. Participants will be notified if circumstances make it necessary to make changes in the schedule, and a refund will be given if requested because of the change. A full tuition refund is made when a student withdraws 14 days or more before the first class. No refunds or transfers will be made after

that date. Transfers can be made if there is room in the class to which they wish to transfer.

Mail or bring payment to: North Dakota Museum of Art, PO Box 7305, Grand Forks, ND 58202.

Suggestions or questions? If you would like to sponsor a child with a \$100 full or partial scholarship, call Sue Fink at 777-4195.

Sponsors of the Summer Arts Day Camp include Shirley Bostrom, Grand Forks Park District Ulland Grant, Sam's Club, Longview Fibre, Frosty's Carpet Center, Grand Forks Glass and Paint, Sherwin Williams Paint, Simonson Lumber and Hardware, and Floor to Ceiling Carpet World.

– North Dakota Museum of Art.

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## ANNOUNCEMENTS

### Board discusses centers of excellence, ConnectND

The Board of Higher Education met at Minot State University Feb. 19. Following are some meeting highlights.  
Centers of excellence

Lee Vickers (president, Dickinson State University) presented a report on the centers of excellence drafted by the NDUS centers of excellence task force. He went on to say that in the State of the State Address, Gov. Hoeven said he plans to bond \$50 million for centers of excellence related to economic development. The governor also requests that all 11 campuses have an opportunity to create a center, either on their own or through collaboration with another campus, and that the centers be focused on the clusters identified by the Economic Development Foundation.

Dr. Vickers reviewed the process for creation of centers of excellence:

1. Local developers, with cooperation/collaboration with faculty and staff, present an idea to the campus president.
2. If the president approves the proposal, the NDUS task force and the Economic Development Foundation would work jointly and review the proposal.
3. If the joint committee approves the proposal, it would then be submitted to the SBHE for approval.

Gov. Hoeven, Martin White, CEO of Montana Dakota Resources and chair of the Economic Development Foundation, and Lee Peterson, director of the Department of Commerce, later appeared before the SBHE to discuss centers of excellence. The key industries that have been targeted for growth are value-added agriculture, advanced manufacturing, technology-based business services, energy, and tourism. Hoeven said he would like to hold community meetings that include campus presidents, faculty, and staff and local economic development people, to discuss ideas for centers. He said the \$50 million he is proposing for these centers would not come out of the higher education budget and that higher education will retain 21 percent of the general fund in line with the Roundtable recommendation for flexibility with accountability. He went on to say the \$50 million dollars would come out of the economic development budget; some of the dollars will come out of the current budget and the remaining will be bonded. Hoeven said he has discussed the possibility of the NDUS centers of excellence task force and a subcommittee of the Economic Development Foundation joining together to form one task force to review proposed centers and forward recommendations to the SBHE and the DOC Foundation. The board adopted the following resolution:

WHEREAS: Enhanced economic development is critical to creating a brighter future for the state of North Dakota;

WHEREAS: The Roundtable on Higher education has directed the North Dakota University System to be a primary engine for economic development in the state;

WHEREAS: Collaboration among Gov. Hoeven's office, the State Board of Higher Education, the North Dakota University System and the Department of Commerce will create a synergy for greater career opportunities and higher-paying jobs in North Dakota;

THEREFORE: The State Board of Higher Education commends Gov. Hoeven for his leadership in creating a stronger partnership for economic development in North Dakota and declares its full support for the governor's proposed economic development Centers of Excellence initiative.

**Red River Valley Research Corridor**

Joe Chapman (president, NDSU) and UND President Kupchella presented an update on the Red River Valley Research Corridor. Dr. Chapman reported that a marketing strategy should be in place for the research corridor by July 1. ConnectND update

Vickers reported that the overall status of the ConnectND project is yellow. The schedule status is red, primarily because of the state payroll lag issue. The state has decided to proceed with no-lag monthly payroll, which will cause the state a two-month delay in implementation and an additional \$450,000 to \$500,000 along with overtime to customize the software. The Office of Management and Budget and ITD will absorb these costs.

Vickers said the executive steering committee is concerned with the student administration module. It was the consensus of the cabinet that UND, NDSU, and Minot State University each provide four additional full-time staff members (one each from admission/recruitment, financial aid, student records, and student financials) starting March 1 through post-production to work on configuration and testing for their campus. In addition, four campus employees from the remaining eight campuses will work for a period of four to six weeks to assist with cleaning up duplicate records and external organizations.

The board approved the following regarding ConnectND:

- The ConnectND fee will be increased from \$36 per semester to \$63 per semester for the 2004-2005 academic year.
- The fee will continue to be reviewed each year and changed accordingly.
- The current legacy ancillary systems (housing, parking and facilities management) will run until June 2005 when the mainframe system will be shut down. Purchase and implementation of the replacement ancillary systems will need to begin nine to 12 months in advance of the projected go-live date of July 1, 2005.
- Bond or finance software systems to the extent possible and spread payments over several years.
- Allocate \$578,417 from the 2003-2005 "operations pool" to ConnectND.

**HTMLeZ progress report**

Dan Herring and Courtney Docken (both UND aerospace) presented an update on HTMLeZ, a learning management system developed at aerospace. Docken reported that use has increased dramatically between spring 2003 and fall 2004 and it is being used in seven states and six countries. A patent is pending for HTMLeZ and a request for proposal for a statewide learning management system is in process.

**Other business**

The board voted to postpone action on SBHE Policy 611.9 – Selection of Textbooks and Other Curricular Materials until the April SBHE meeting.

The initial resolution authorizing the issuance of not to exceed \$21,000,000 State Board of Higher Education of the State of North Dakota University of North Dakota housing and auxiliary facilities revenue bonds was approved.

The board increased the spending allowance for residing the Gallery Apartments from \$165,000 to \$241,000. Source of funding is from current housing reserves.

The board approved the following tuition ranges:

<b>FY05 proposed tuition increase range</b>			
	<b>% tuition increase</b>	<b>\$ tuition increase</b>	<b>FY05 tuition rate</b>
<i>Annual flat rate increase</i>			
UND	16.5% - 17.0%	\$568 - \$585	\$4,009 - \$4,026
NDSU	18% - 19.3%	\$607 - \$652	\$3,981 - \$4,026
MiSU	15.8% - 16.2%	\$430 - \$44	\$3,160 - \$3,172
DSU	16.2% - \$19%	\$413 - \$486	\$2,967 - \$3,040

MaSU	17% - 18%	\$438 - \$466	\$3,014 - \$3,042
LRSC	14.1% - 16%	\$288 - \$326	\$2,328 - \$2,366
MiSU-BC	12.7% - 15.7%	\$260 - \$320	\$2,302 - \$2,362

*Per credit hour increase:*

BSC	13% - 14.7%	\$10.08 - \$11.40	\$87.63 - \$88.95
WSC	8% - 9.3%	\$5.90 - \$6.88	\$79.75 - \$80.73

The next meeting is set for April 15 and 16 in Devils Lake.

## Easter holiday hours listed for libraries and Memorial Union

### April 9 is holiday

In accordance with State Board of Higher Education directives, Friday, April 9, will be observed as Good Friday by faculty and staff members of the University. Only those employees designated by their department heads will be required to work on this holiday. – John Ettling, vice president for academic affairs and provost, and Diane Nelson, director, human resources.

### Chester Fritz Library:

Hours of operation for the Chester Fritz Library over Easter break are: Thursday, April 8, 8 a.m. to 4:30 p.m.; Friday, April 9 (Good Friday), closed; Saturday, April 10, 1 to 5 p.m.; Sunday, April 11 (Easter Sunday), closed; Monday, April 12, resume regular hours. – Karen Cloud, Chester Fritz Library.

### Health sciences library:

The Library of the Health Sciences Easter weekend hours are: Thursday, April 8, 7:30 a.m. to 5 p.m.; Friday, April 9, 8 a.m. to 5 p.m.; Saturday, April 10, 1 to 5 p.m.; Sunday, April 11, closed; Monday, April 12, 8 a.m. to midnight. – April Byars, health sciences library.

### Law library:

Easter hours for Thormodsgard Law Library are as follows: Friday, April 9, closed due to scheduled electrical outage; Saturday, April 10, 10 a.m. to 5 p.m.; Sunday, April 11, closed; Monday, April 12, 7:30 a.m. to 11 p.m. Regular hours resume Monday, April 12. – Jane Oakland, circulation manager, Thormodsgard Law Library.

### Memorial Union:

Memorial Union operating hours for Easter weekend, April 8-12, are listed. The Memorial Union will be closed Friday, Saturday, and Sunday, April 9-11.

Administrative office: Thursday, April 8, 8 a.m. to 4:30 p.m.; Monday, April 12, 8 a.m. to 4:30 p.m.

Barber shop: Thursday, April 8, 8:30 a.m. to 5:30 p.m.; Monday, April 12, 8:30 a.m. to 5:30 p.m.

Computer labs: Thursday, April 8, 7:30 a.m. to 5:45 p.m.; Monday, April 12, 7:30 a.m. to 1:45 a.m.

Craft center: Thursday, April 8, 11 a.m. to 5 p.m.; Monday, April 12, closed.

Credit union: Thursday, April 8, 9 a.m. to 5 p.m.; Monday, April 12, 9 a.m. to 5 p.m.

Dining center: Thursday, April 8, 7 a.m. to 4 p.m.; Monday, April 12, closed.

Food court: Thursday, April 8, 9 a.m. to 5 p.m.

Internet café and pub area: Thursday, April 8, 7 a.m. to 5:30 p.m.; Monday, April 12, 8 a.m. to midnight.

Lifetime sports center: Thursday, April 8, 10 a.m. to 5 p.m.; Monday, April 12, noon to 11 p.m.

Parking office: Thursday, April 8, 8 a.m. to 4:30 p.m.; Monday, April 12, 8 a.m. to 4:30 p.m.

Passport I.D.s: Thursday, April 8, 8 a.m. to 4:30 p.m.; Monday, April 12, closed.

Post office: Thursday, April 8, 9 a.m. to 4:30 p.m.; Monday, April 12, 9 a.m. to 4:30 p.m.

Stomping grounds: Thursday, April 8, 7 a.m. to 4:30 p.m.; Monday, April 12, closed.

Student academic services: Thursday, April 8, 8 a.m. to 4:30 p.m.; Monday, April 12, 8 a.m. to 4:30 p.m.

U turn C store: Thursday, April 8, 7 a.m. to 4:30 p.m.; Monday, April 12, 9 a.m. to 4:30 p.m.

Union services: Thursday, April 8, 7:30 a.m. to 5 p.m.; Monday, April 12, noon to 9 p.m.

University learning center: Thursday, April 8, 8 a.m. to 4:30 p.m.; Monday, April 12, 8 a.m. to 4:30 p.m.

Building hours: Thursday, April 8, 7 a.m. to 9:30 p.m.; Monday, April 12, 7 a.m. to 2 a.m.

Normal building hours and late night access resumes Monday, April 12.

– Marsha Nelson, Memorial Union.

## ConnectND corner

Following is information on the ConnectND project, which will replace the current administrative system. For more information, visit [www.nodak.edu/connectnd](http://www.nodak.edu/connectnd). For information on ConnectND at UND, visit [www.und.edu/cnd](http://www.und.edu/cnd).

Draft report includes calendar and NDUS business process list

A draft higher ed calendar and business process list is being finalized as a tool for campuses and project staff to plan for ConnectND implementation.

The comprehensive document will be updated following review and discussion by the campus implementation teams and the higher education executive steering committee.

The report includes a daily calendar listing, tentative testing and training schedules, and dates when the student administration, financial and human resources management systems modules will be live on the PeopleSoft systems.

The document defines whether specific processes are in place at the pilot institutions, whether they will be employed at the non-pilot campuses and, if so, when that will occur.

The higher ed calendar and business process list will be accessible from the ConnectND web site after it is updated into more final form.

View ConnectND information

Videotapes offering information and perspectives about the higher education side of ConnectND and its PeopleSoft software systems are now available from the project web site. There are four segments:

- ConnectND Overview: Jean Ostrom-Blonigen introduces the presentations and provides the "What, Who, Why, When and Where" of ConnectND.
- ConnectND at VCSU: Ellen Chaffee of Valley City State University talks about a campus president managing the first year of the ConnectND project.
- ConnectND Elsewhere: James Kennedy of North Dakota State University shares his experiences with PeopleSoft at Emory University and the University of Minnesota.
- ConnectND Payroll: Jean Ostrom-Blonigen provides the sequence of events leading up to the Board of Higher Education's decision to amend policy and establish a 15-day payroll lag.

— Jan Orvik, for the ConnectND project.

## Electrical outages planned for several dates in April

The campus will experience several planned electrical outages to install three major generators. These generators will cut electricity costs and serve as emergency backups.

Please review the following dates and times and inform facilities of any major complications you may have. Please call Mark Johnson, 777-2336, with your concerns.

We realize this is a major inconvenience and ask your help and cooperation. It is imperative that the generators be

installed prior to the air conditioning season to avoid major increases in our electrical costs.

The electrical outages to tie in the generators have been scheduled as follows:

FRIDAY, APRIL 9 (Good Friday holiday), 8 a.m. to 4 p.m. (eight hours), all four circuits on campus, which include these buildings:

Circuit #1: Auxiliary Services, Building Mechanical Shop, Central Foods, Central Receiving, Chester Fritz Auditorium, Community Center/Daycare, Facilities, Gamble Hall, Housing Office, Odegard Hall, Recycling Building, Streibel Hall, Transportation/Grounds, West Green 1-14.

Circuit #2: Chester Fritz Library, Core and Sample Library, Old Engelstad Arena, Hyslop Sports Center, Law and Law Library, McCannel Hall, Memorial Stadium, Memorial Union, Montgomery Hall, O'Kelly/Ireland, Starcher Hall, Swanson Hall.

Circuit #3: Abbott Hall, Armory, Babcock Hall, Burtness Theatre, Carnegie Building, Chandler Hall, Education Building, Fulton Hall, Gillette Hall, Gustafson Hall, Harrington Hall, Hughes Fine Arts Center, J. Lloyd Stone Alumni Center, Johnstone Hall, Leonard Hall, Merrifield Hall, North Dakota Museum of Art, President's residence, Smith Hall, Steam Plant, Twamley Hall, Upson I, Upson II, Witmer Hall.

Circuit #4: Bek Hall, Brannon Hall, College of Nursing, Corwin/Larimore Hall, Hancock Hall, KUND Radio Tower, McVey Hall, North Dakota School for the Blind, Noren Hall, Robertson-Sayre Hall, Selke Hall, Squires Hall, Strinden Center, Walsh Hall, West Hall, Wilkerson Hall.

SATURDAY, APRIL 10 (Easter Saturday), 7 a.m. to 7 p.m. (12 hours)

Circuit #3, which includes these buildings: Abbott Hall, Armory, Babcock Hall, Burtness Theatre, Carnegie Building, Chandler Hall, Education Building, Fulton Hall, Gillette Hall, Gustafson Hall, Harrington Hall, Hughes Fine Arts Center, J. Lloyd Stone Alumni Center, Johnstone Hall, Leonard Hall, Merrifield Hall, North Dakota Museum of Art, President's residence, Smith Hall, Steam Plant, Twamley Hall, Upson I, Upson II, Witmer Hall.

SUNDAY, APRIL 18, 7 a.m. to 11 p.m. (16 hours)

Circuit #4, which includes these buildings: Bek Hall, Brannon Hall, College of Nursing, Corwin/Larimore Hall, Hancock Hall, KUND Radio Tower, McVey Hall, North Dakota School for the Blind, Noren Hall, Robertson-Sayre Hall, Selke Hall, Squires Hall, Strinden Center, Walsh Hall, West Hall, Wilkerson Hall.

SATURDAY, APRIL 24, 7 a.m. to 11 p.m. (16 hours)

Circuit #2, which includes these buildings: Chester Fritz Library, Core and Sample Library, Old Engelstad Arena, Hyslop Sports Center, Law and Law Library, McCannel Hall, Memorial Stadium, Memorial Union, Montgomery Hall, O'Kelly/Ireland, Starcher Hall, Swanson Hall.

SATURDAY, MAY 22, 7 a.m. to 9 p.m. (14 hours) and SUNDAY, MAY 23, 7 a.m. to 9 p.m. (14 hours)

Circuit #1, which includes these buildings: Auxiliary Services, Building Mechanical Shop, Central Foods, Central Receiving, Chester Fritz Auditorium, Community Center/Daycare, Facilities, Gamble Hall, Housing Office, Odegard Hall, Recycling Building, Streibel Hall, Transportation/Grounds, West Green 1-14.

— Larry Zitzow, director, facilities.

## **Nominations sought for Meritorious Service, UND Proud Awards**

The University of North Dakota will present 10 Meritorious Service Awards of \$1,000 each to staff employees, as well as the Ken and Toby Baker UND Proud Award of \$1,000.

The Meritorious Service Awards will be given to employees in each of five major groups. These groups and the number of awards presented are: executive/administrative/professional (3); technical/paraprofessional (1); office (3); crafts/trades (1); and services (2). The Ken and Toby Baker UND Proud Award may be given to an employee from any of the groups.

Eligible employees are those employed on a regular basis who are not in a probationary period. Those not eligible for consideration include the president, vice presidents, deans, associate and assistant deans, teaching and research faculty, the director of human resources and award winners from the previous seven years.

All members of the University community are encouraged to nominate eligible employees by Wednesday, April 14.

Nomination forms are available from human resources, 313 Twamley Hall, or electronically from the human resources web site at [www.humanresources.und.edu](http://www.humanresources.und.edu).

The awards will be presented during the annual recognition ceremony for staff personnel, Tuesday, May 11.

Please direct any questions concerning this program to human resources at 777-4361 or [human.resources@mail.und.nodak.edu](mailto:human.resources@mail.und.nodak.edu).

— Diane Nelson, director, human resources.

## Nominations sought for Student Leaders International Program

The Office of International Programs is accepting applications for UND Student Leaders International for the 2004-2005 academic year. The program is intended to empower students who have studied abroad to work with incoming international students and with students preparing to study abroad. They will assist with international student orientation, study abroad promotion and marketing, study abroad events, and represent the Office of International Programs at university events.

Students who will be successful as Student Leaders International are those who show a high level of involvement in their educational experience. Thus, qualities include college level study abroad experience, a strong academic background, involvement in campus and community activities, and effective leadership and communication skills. Students reflecting a positive outlook on campus life and displaying a caring attitude toward their fellow students will best serve this program.

As a member of the campus community, you have daily contact with many students who have the qualifications listed above. We would appreciate your assistance in recruiting qualified leaders by providing the names of students that you feel would be an asset to the program. We will send them more information about the program. Application deadline is May 3.

— Ray Lagasse, assistant director for education abroad.

## Bookstore seeks assistance in keeping text prices lower

When it comes to helping students save money, Barnes and Noble wants to continue to work closely with faculty members to ensure that we offer students the best selection of used textbooks anywhere. When we have the book adoption form from you prior to buyback, we are able to pay students 50 percent of the purchase price and we are able to sell those used books next term, reducing the price to students by 25 percent.

How can you help?

- Provide us with your course and book information no later than a week before finals.
- Adopt the text alone whenever possible – this means no packages of items that students don't want or need – and items that we can't buy back from students.

Course book information requests were due March 12. As of today we have received 40 percent of the course book information back from faculty. We have adopted 829 titles to date, compared to 152 at the same time last year. Our goal is to have all the orders from faculty as soon as possible. Working together, we can help reduce the price of textbooks for our students. If you have any questions or concerns please contact us.

— Michelle Abernathy, general manager, UND Barnes & Noble Bookstore, 777-2103.

## Staff senate announces election results

Congratulations to the following staff employees who were recently elected to staff senate seats:

Professional: Fawn Behrens-Smith, facilities; Jared Bruggeman, athletics; Suzanne Gandrud, nursing; Patrice Giese, TRIO programs; Suzan Huus, community medicine; Joneen Iverson, education and human development; David Knittel, chemistry; Cheryl Saunders, University Learning Center; Kent Streibel, aerospace; Darren Studney, Information technology systems and services.

Technical/Paraprofessional: Scott Baker, aerospace maintenance; Brenda Cole, pathology; Maura Erickson, nursing; Shelly Kain, facilities; Brenda Lanes, traffic; Sara Peters, facilities.

Office Support: Christine Naas, aerospace; Brenda Schill, arts and sciences.

Services: Rick Ellis, dining services; Kurt Papenfuss, facilities; Becky Reid, facilities.

Staff senate is made up of 50 elected staff senators representing the professional, technical/paraprofessional, office

support, crafts/trades, and services bands, so it is an excellent opportunity to work with colleagues from across the campus. All meetings are open to the public, and we encourage anyone to attend these meetings to find out more information about this organization. More detailed information about staff senate and the schedule of upcoming meetings is available at [www.und.nodak.edu/org/undss](http://www.und.nodak.edu/org/undss).

— Tammy J. Anderson (University relations), staff senate bylaws/elections committee chair.

## **Volunteers sought to help with powwow security**

I have been asked by the American Indian Association (UNDIA) to head up the volunteer security group for this year's powwow on Friday, Saturday, and Sunday, April 2-4. I am seeking volunteers from faculty, staff and administration to help with the security of this wonderful event. The volunteer security will perform door checks, crowd control, assist those in need, provide directions and information to guests, and assist with other small projects as needed. I am asking individuals to sign up in two- to three-hour blocks of time.

If you are willing to assist with this event please contact my office at 777-4362 or Linda at 777-4259.

Thanks in advance for your consideration.

— M.C. Diop, multicultural student services.

## **Union renovation will continue over summer**

Remodeling of the Memorial Union will continue over the summer. The Memorial Union Food Court will be extensively renovated from May through September. The Ballroom will not be scheduled for activities after July 23 through the middle of September. Anyone who normally needs to schedule the Ballroom during this time should make alternate plans.

For more information, please contact me.

— Marsha Nelson, Memorial Union, 777-2953.

## **State fleet adjusts rates**

As of April 1, the North Dakota state fleet has adjusted motor pool rates. Please use these rates when calculating a trip using a motorpool vehicle. Per Paul Feyereisen, director of state fleet services, "Nearly all rental groups show an increase in operating expense due to the price of gasoline and diesel fuel." To help keep future rates as low as possible, users of state fleet vehicles are required to use state fleet refueling sites in North Dakota when they are in a city with those facilities. For refueling site information, please contact our office prior to travel.

Effective 4-1-04

Vehicle type UND rate per mile

Compact sedan \$0.301

Minivan \$0.421

Van, 8 passenger \$0.561

Van, 12 passenger \$0.561

Van, 15 passenger \$0.561

Compact 4x4/Jeep \$0.421

Suburban, 6 passenger \$0.481

Chevy S-10 pickup \$0.481

Cargo van-full size \$0.471

Mini cargo van \$0.481

— Mary Metcalf, transportation manager.

## **Chuck Kimmerle named national college photographer of the year**

Chuck Kimmerle (University Relations) has been awarded Photographer of the Year for 2003 from among the 3,000-plus colleges and universities internationally that make up the higher education professional organization, the Council for the Advancement and Support of Education (CASE).

A portfolio of his photos created for the University between Jan. 1, 2001, and Dec. 31, 2003 won him the distinction, which

is accompanied by the annual and singular CASE grand gold medal award.

Additionally, Kimmerle's work won two of the only eight medals that were awarded in the individual photography category for the 2003 CASE communication competition. He was the only entrant to win a gold medal and one of five to win a bronze medal.

The gold medal award was for the photo from a low-angle, looking skyward from below its base of the granite sculpture near Smith Hall and the English Coulee. The photo was used on the covers of both the UND main self-study for accreditation report and the executive summary report of the self-study.

The grand gold and gold medal winning entries will be on display at CASE's annual assembly in San Diego July 11-13.

As a photojournalist with the Grand Forks Herald before joining UND in 2000, Kimmerle was named Photographer of the Year by both the Dakota Press Photographers Association and the Minnesota News Photographers Association. He also has won photo awards in the CASE regional competition in the past several years.

## **Campus walking trail maps available**

Enjoy walking? Feel stressed and need a break? Want to get in shape for spring? Want to become renewed and invigorated when outside? Check out the new walking trails on campus.

The physical wellness subcommittee along with Rick Tonder, associate director of facilities, has created 14 walking/running trails for the UND campus. The trails, approximately one mile in length, cover most regions of campus and can be interconnected for a 5-10 mile walk. Three of the trails are indoor routes for year-round use. The School of Medicine loop even includes stair climbing to increase the workout.

Maps are available at the Wellness Center and Memorial Union and online through the UND home page at [www.und.nodak.edu](http://www.und.nodak.edu) and the Wellness Center home page at <http://wellness.und.edu/wellness>.

Obesity and poor fitness are serious health crises in America. College campuses are not immune. Let's lower the risk at UND. Get active, get fit, and get healthy. See you on the trails.

– Matt Remfert, co-chair, physical wellness subcommittee.

## **Studio One lists features**

The Studio One news team will explore the new North Dakota lottery in a two-part series on the next edition of Studio One on Channel 3 in Grand Forks. The state of North Dakota has set a national record for opening day Powerball ticket sales per capita. However, along with the excitement are concerns about the negative effects of the lottery. We'll hear the pros and cons of this issue.

Also on the next edition of Studio One, licensed addiction counselor Karin Walton will explain Internet addiction. According to Walton, some "online vampires" experience actual neurochemical changes due to this type of addiction. We'll hear more about the effects of this problem and ways to prevent it.

Studio One is an award-winning news and information program produced at the University of North Dakota Television Center. The program airs live at 5 p.m. on UND Channel 3 on Thursdays. Rebroadcasts can be seen at 7 a.m., noon, 7 p.m., and 11 p.m. daily and on Saturdays at 10 a.m. Prairie Public Television airs Studio One on Saturday at 6 a.m. The program can also be seen in Fargo, Bismarck/Mandan, Minot, Minneapolis, the Portland, Ore., metro area, and Winnipeg, Manitoba.

– Studio One.

## **Human Nutrition Center seeks volunteers for studies**

The Grand Forks Human Nutrition Research Center is conducting the following studies.

Iron Fortification

Healthy women, ages 21 to 51, needed for iron fortification study. This 16-week study will determine how well we absorb the different kinds of iron added to fortify the foods we eat. Such research can help identify the best forms of iron for food fortification programs to help reduce iron deficiency and anemia, the most common malnutrition problem which impairs the vitality of 3.5 billion people, mostly women and children worldwide.

Looking for healthy women between the ages of 21 and 51 who do not regularly take medications other than birth control pills or hormone replacement therapy; must not be pregnant, breast feeding, or pregnant in the past year; and have not used iron supplements exceeding 20 milligrams daily. Open to smokers.

Participants will receive iron capsules eight times during the study. They will have their iron absorption tested approximately every two weeks for a total of eight times; will have blood drawn three times and provide urine samples. Participants can earn up to \$750.

#### Minerals and bone health

Osteoporosis affects 28 million Americans and costs over \$14 billion annually. Half of women over the age of 50 will have an osteoporosis-related fracture in their lifetime.

Researchers at the USDA-ARS Grand Forks Human Nutrition Research Center want to know if taking minerals, such as copper and zinc, with calcium supplements are more effective in protecting bones compared to calcium alone in postmenopausal women.

Participants will receive calcium and multivitamin supplements free for two years. In addition, they will receive either a copper/zinc supplement or a placebo. Follow-up tests can be done in Grand Forks or Fargo, depending on participants' choice of location.

Postmenopausal women, ages 51-80, are encouraged to take part in this study. Medications that do not interfere with calcium absorption, such as synthroid and statins, are acceptable.

Participants can earn \$750.

For more information, call (701) 795-8396 or visit [www.gfhnrc.ars.usda.gov/volopp.htm](http://www.gfhnrc.ars.usda.gov/volopp.htm).

– Brenda Ling, USDA-ARS Grand Forks Human Nutrition Research Center.

## Items for sale to public on bids

The University is offering for sale to the public on a sealed high-bid basis the following items: older computer equipment and several other miscellaneous items. These items may be seen at the central receiving warehouse on the southwest corner of the campus. Bids will be taken from 8 a.m. to 3 p.m., Monday through Thursday, April 5-8.

– Lee Sundby, central receiving.

## Student organization seeks donated deep freeze

Members are searching for a large deep freezer to be donated to Society for Energy Alternatives (SEA) for composite material storage. It does not need to be in great condition; it just needs to work. Please contact them at 777-4110, [SEA@und.edu](mailto:SEA@und.edu).

— Jan Orvik, editor, for Keith Severson, SEA.

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# GRANTS & RESEARCH

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## Faculty, researchers sought for UND experts directory

President Charles Kupchella is asking faculty and researchers to help “populate” the newly redesigned online UND experts directory. Created by the Office of University Relations, the web site is one of several ways in which UND will showcase its expertise and at the same time provide access to service. It will also be a resource that will allow colleagues, the media, and the public in general to connect to expertise on campus. The UND Experts Directory can be accessed at <http://www.und.edu/experts>. The site currently spotlights academic units and stand-alone research centers, but it will soon be modified to include non-academic service units.

The retooled web site now features a searchable database. For example, type in "gene" and the following names (added during various test phases) pop up in the database: David Bradley, Ann Flower, Mahesh Lakshman, John Martsof, Peter Meberg, Roger Melvold, Darrin Muggli, Matthew Nilles, Kevin Young.

The process for getting into the database is simple. The online submission form is designed to allow faculty and researchers to cut and paste from their vita, or, if you prefer, type in fresh material. In addition to basic information (name, title, contact information, etc.), the form allows you to include information under the following categories:

Education, Publications, Consulting, Research, Grants, Special Presentations, Patents, Works in Progress

To participate, faculty and researchers can go to <http://www.und.edu/experts/submit> and begin filling in the form. Note that you will be asked to provide your NAID number (which will be kept confidential). This will allow you to modify your entry at a later date. Faculty members, for example, may want to update their entries when they provide their October supplements.

## **Funding opportunities will not run in University Letter as of July 1**

We are approaching the end of the year of our conversion from the Sponsored Programs Information Network (SPIN) system to Community of Science (COS). COS, which has been provided by the ND State Board of Higher Education for all campuses, offers more extensive search capabilities than SPIN in addition to a variety of other services. The following text from the COS home page offers a brief description of the system:

"Community of Science, Inc. (COS) is the leading Internet site for the global R&D community. COS brings together the world's most prominent scientists and researchers at more than 1,600 universities, corporations and government agencies worldwide. COS provides tools and services that enable these professionals to communicate, exchange information and find the people and technologies that are important to their work.

These services include: COS Expertise®, the database of detailed, first person profiles of more than 480,000 R&D professionals; COS Funding Opportunities™ the largest source of grant information on the Web; COS Abstract Management System™ an online publishing solution for universities and professional societies; and customized access to a range of professional reference databases including U.S. Patents, MEDLINE, AGRICOLA, and GeoRef, among others."

For many years, ORPD staff have selected representative samples from funding opportunities for a variety of academic areas from the SPIN and COS systems, and we have published them in the University Letter. However, the number of funding opportunities that are available greatly exceeds the number we can publish each week. We are concerned that faculty seeking research opportunities may miss them simply because they do not see something of interest in the U-Letter. Consequently, as of July 1, we will change from listing a few samples of opportunities to encouraging faculty to subscribe to COS to receive announcements by e-mail or to conduct frequent searches for research opportunities using the COS system.

**For faculty who would like help transitioning to COS, ORPD will offer regularly scheduled workshops in the use of COS beginning in March, 2004. Please check the U-Letter for the time and place for the workshops. A set of instructions for using COS can be found on the ORPD web page: <http://www.und.edu/dept/orpd/> To access the instructions, select Funding Search Instructions on the web page.**

— Will Gosnold, interim director, Office of Research and Program Development

## **Research, grant opportunities listed**

Following are research and grant opportunities. For additional information, contact the Office of Research and Program Development at 777-4278 or [shirley\\_griffin@mail.und.nodak.edu](mailto:shirley_griffin@mail.und.nodak.edu).

NOTE: A search of funding opportunities with deadlines May 31, 2004-June 2, 2004 brings up a list of approximately 950 opportunities from a variety of agencies. Because we do not have the time or space to include all opportunities in these articles, we encourage you to go to the Community of Science Main Search page at <http://www.cos.com/> to search for opportunities that fit your needs.

Portions of the following data were derived from the Community of Science's COS Funding Opportunities™ which is provided for the exclusive use of the University of North Dakota and may not be republished or made available outside the University of North Dakota in any form except via the COS Record Share™ on the COS website.

#### AGENCY FOR HEALTHCARE RESEARCH AND QUALITY (AHRQ)

Impact of Payment and Organization on Cost, Quality, and Equity—Support to conduct research related to the effects of payment and organizational structures and processes on the cost, quality, and equity of health care services. Contact: Irene Fraser, 301-594-6192; [cods@ahrq.gov](mailto:cods@ahrq.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-01-125.html>. Deadline: 6/1/04.

Patient-Centered Care: Customizing Care to Meet Patients' Needs—Support to redesign and evaluate new care processes that lead to greater patient empowerment, improved patient-provider interaction, easier navigation through healthcare systems, and improved access, quality, and outcomes. Deadline: 6/1/04. Contact: Helen Burstin, 301-594-1782; [hburstin@ahrq.gov](mailto:hburstin@ahrq.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-01-124.html>.

Translating Research Into Practice—Support for research which may be translated into evidence-based clinical or organizational, structural, and system interventions that then can be assessed for their ability to measure change in or improve access to health care, patient safety,

quality or cost-effectiveness of health care delivery, and health care outcomes. Deadline: 6/1/04. Contact: Margaret Coopey, 301-594-4022; [mcoopey@AHRQ.gov](mailto:mcoopey@AHRQ.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-066.html>.

#### ENVIRONMENTAL PROTECTION AGENCY (EPA)

Collaborative Science & Technology Network for Sustainability—Funding for innovative regional projects that address a stated problem or opportunity relating to sustainability and use science to inform design, planning and decision-making at the local, state and industrial levels. Deadline: 5/21/04. Contact: Diana Bauer, 202-343-9759; [bauer.diana@epa.gov](mailto:bauer.diana@epa.gov); [http://es.epa.gov/ncer/rfa/2004/2004\\_collab\\_science.html#Eligibility](http://es.epa.gov/ncer/rfa/2004/2004_collab_science.html#Eligibility).

Developing the next Generation of Great Lakes Lower Foodweb Assessment Tools—Support for projects to: define current status of the lower aquatic foodweb, as possible, placing results in proper historical context; and participate in evaluating new technologies and sampling designs that may be part of the next generation of monitoring. Deadline: 6/11/04. Contact: Craig L. Johnson, 218-529-5016; [johnson.craig@epa.gov](mailto:johnson.craig@epa.gov); [http://es.epa.gov/ncer/rfa/2004/2004\\_glakes\\_foodweb.html#OVERVIEW](http://es.epa.gov/ncer/rfa/2004/2004_glakes_foodweb.html#OVERVIEW).

#### GRAPHIC ARTS EDUCATION AND RESEARCH FOUNDATION (GAERF)

Standard, continuing, and mini-grants are available for projects in graphic communications, for educational purposes in the broadest sense. Contact: Graphic Arts Education and Research Foundation, 703-264-7200; [gaerf@npes.org](mailto:gaerf@npes.org); <http://teched.edtl.vt.edu/gcc/HTML/GAERF/Guidelines.html#toc>. Deadline: 5/30/04.

#### NATIONAL EYE INSTITUTE (NEI)

Novel Approaches to Corneal Tissue Engineering—Support for research exploring new approaches that could lead to enhanced engineering of corneal tissues. Deadlines: 6/1/04, 10/1/04. Contact: Richard S. Fisher, 301-496-5301; [rf75s@nih.gov](mailto:rf75s@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-053.html>.

#### NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)

Innovative Research Grant Program—Support for studies designed to provide preliminary results to demonstrate feasibility of novel approaches to heart, lung, and blood diseases and sleep disorders. Contact: David A. Lathrop, 301-435-0504; [LathropD@nhlbi.nih.gov](mailto:LathropD@nhlbi.nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PA-03-015.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

#### NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES (NIAMS)

Career Transition Awards allow individuals who have a research or health-professional doctorate or its equivalent to obtain a research training experience in the NIAMS Intramural Research Program and facilitate their transition to an extramural environment as independent researchers. Candidates must have no more than five years of postdoctoral research training (clinical training does not count). Contact: Barbara Mittleman, 301-402-7696; [mittlemb@mail.nih.gov](mailto:mittlemb@mail.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PAR-02-056.html>. Deadlines: 6/1/04, 10/1/04.

#### NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES (NIDDK)

Advances in Polycystic Kidney Diseases—Support for basic and applied studies to better understand the etiology and pathogenesis of Polycystic Kidney Disease (PKD), in both its autosomal dominant and autosomal recessive forms. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Catherine Meyers, 301-594-7717; [cm420i@nih.gov](mailto:cm420i@nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PA-03-073.html>.

Ancillary Studies of Kidney Disease Accessing Information from Clinical Trials, Epidemiological Studies, and Databases—Support for ancillary studies to ongoing or completed clinical trials and epidemiological studies of kidney disease, as well as

clinical trials and epidemiological studies for other diseases or populations that lend themselves to the study of kidney disease. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: John W. Kusek, 301-594-7735; jk61x@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-03-091.html>.

Development of the Endocrine Pancreas—Support for research applying recent advances in developmental genetics, embryology, and stem cell biology to the study of pancreatic development. Contact: Sheryl M. Sato, 301-594-8811; ss68z@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-161.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Funding to establish Diabetes Endocrinology Research Centers to support research in diabetes mellitus and its complications, and in related areas of endocrinology and metabolism. Contact: Kristin M. Abraham, 301- 451-8048; ka136s@nih.gov; <http://grants2.nih.gov/grants/guide/rfa-files/RFA-DK-04-007.html>. Deadlines: 6/15/04 (Letter of Intent); 7/14/04 (Application).

Integrative and Collaborative Approaches to Research—Supplementary support for collaborative and integrative activities of groups of currently funded investigators working on a common problem of fundamental interest to the National Institute of General Medical Sciences (NIGMS) or the NIDDK. Contact: James Cassatt, 301-594-0828; cassattj@nigms.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-03-127.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Racial and Ethnic Differences in the Etiology of Type 2 Diabetes in the U.S.—Support for research to enhance understanding of underlying metabolic and physiologic mechanisms that contribute to racial and ethnic differences in incidence and pathophysiology of type 2 diabetes in the U.S. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Barbara Linder, 301-594-0021; bl99n@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-117.html>.

Secondary Analyses in Diabetes, Digestive, and Kidney Diseases—Support for short-term projects exploring innovative approaches not readily supported by other funding mechanisms and that can be conducted using existing data sets. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: James E. Everhart, 301-594-8878; je17g@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-077.html>.

Small Grants for Underrepresented Investigators—Support for individuals belonging to ethnic or racial groups that have been determined to be underrepresented in biomedical or behavioral research. Applicants must have a doctoral degree and at least 2-4 years of postdoctoral research experience. Deadlines: 6/1/04, 10/1/04. Contact: James Hyde, 301-594-7692; jh486z@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-02-032.html>.

#### NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)

Dissemination and Implementation Research in Mental Health—Support for research to build knowledge on methods, structures, and processes to disseminate and implement mental health information and treatments into practice settings. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: David A. Chambers, 301-443-3747; dchamber@mail.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-131.html>.

Research on Co-Morbid Mental and Other Physical Disorders—Support for research on co-morbid disorders, including, but not limited to, areas traditionally known as “behavioral medicine” or “health psychology.” Deadlines: 6/1/04, 10/1/04. Contact: Peter Muehrer, 301-443-4708; pmuehrer@mail.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-047.html>.

#### NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE (NINDS)

Exploratory/Developmental Awards in Epilepsy Research for Junior Investigators—Support for collaborative, translational research in the field of epilepsy. Eligible applicants are Postdoctoral Fellows through Assistant Professors, or equivalent. Areas of interest are patient-oriented research, developmental neurobiology, genetics, advanced technology, imaging, pharmacotherapeutics, or other research areas, which are likely to lead to the cure of epilepsy. Emphasis is on cross-disciplinary collaborations, novel hypotheses, and unique approaches in applying fundamental neurobiological concepts to epilepsy research. Deadline: 6/1/04. Contact: Margaret P. Jacobs, 301-496-1917; mj22o@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-01-111.html>.

Exploratory/Developmental Projects in Translational Research—Support for projects to discover potential targets for therapeutic intervention or candidate therapeutics, or to develop assays, animal models, devices, or technologies for screening or developing therapeutics in neurological diseases. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Thomas Miller, 301-496-1779; tm208y@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PAR-02-138.html>.

Pathogenesis and Treatment of Dyskinesias in Parkinson’s Disease—Support to study the pathophysiologic basis of dopamine-induced dyskinesias; and nondopaminergic pharmacologic agents for treatment of dopamine-induced dyskinesias. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Paul Sheehy, 301-496-5680; sheehyp@ninds.nih.gov;

<http://grants1.nih.gov/grants/guide/pa-files/PAS-02-129.html>.

Pilot Studies for Clinical Trials in Neurological Disorders—Support to obtain preliminary data and conduct studies to support rationale for a subsequent full-scale clinical trial of an intervention to treat or prevent neurological disease. Deadline: 6/1/04. Contact: John R. Marler, 301-496-9135; [jm137f@nih.gov](mailto:jm137f@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PAR-01-119.html>.

#### NATIONAL INSTITUTE ON AGING (NIA)

Support for Data Analysis and Archiving in Demography, Economics, and Behavioral Research on Aging. Deadline: 6/1/04. Contact: Rose Maria Li, 301-496-3138; [r126b@NIH.GOV](mailto:r126b@NIH.GOV); <http://grants.nih.gov/grants/guide/pa-files/PA-01-082.html>.

#### NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM (NIAAA)

Advancement of Behavioral Therapies for Alcoholism Treatment—Support for research on clinical use of behavioral therapies (including a range of nonpharmacological therapies—cognitive-behavioral therapy, motivational enhancement therapy, twelve-step facilitation, marital and family therapy, community-reinforcement approach, contingency management, and brief intervention) for alcoholism treatment. Contact: Cherry Lowman, 301-443-0637; [clowman@willco.niaaa.nih.gov](mailto:clowman@willco.niaaa.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-012.html>. Deadlines: 6/1/04, 10/1/04.

Cost Research on Alcohol Treatment and Prevention Services—Support for research to advance knowledge about the cost of treating and preventing alcohol problems (i.e., cost analysis studies, cost effectiveness studies, cost benefit studies, cost offset studies). Contact: Mike Hilton, 301-443-8753; [mhilton@willco.niaaa.nih.gov](mailto:mhilton@willco.niaaa.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-01-137.html>. Deadlines: 6/1/04, 10/1/04.

Health Services Research on Alcohol-Related Problems—Support for research testing strategies for improving availability, accessibility, delivery, quality, effectiveness, cost-effectiveness, and outcomes of alcohol-related treatment and prevention services. Deadlines and Contact: See above or <http://grants.nih.gov/grants/guide/pa-files/PA-01-142.html>.

Mechanisms of Alcohol-Induced Tissue Injury—Support to study underlying cellular and molecular mechanisms by which chronic ethanol ingestion initiates tissue injury. Deadlines: 6/1/04, 10/1/04. Contact: Denise A. Russo, 301-402-9403; [Drusso@mail.nih.gov](mailto:Drusso@mail.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-035.html>.

Role of Tobacco Dependence in Alcoholism Treatment—Support for research to improve strategies for treating alcohol and nicotine dependence in patients receiving care for problem drinking. Contact: Joanne B. Fertig, 301-443-0635; [jfertig@NIAAA.nih.gov](mailto:jfertig@NIAAA.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-064.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Support for Secondary Analysis of Existing Alcohol Epidemiology Data to enhance understanding of patterns of alcohol consumption and epidemiology of alcohol-related problems. Deadlines: 6/1/04, 10/1/04. Contact: Vivian B. Faden, 301-594-6232; [vfaden@willco.niaaa.nih.gov](mailto:vfaden@willco.niaaa.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-01-140.html>.

Treatment of Adolescents with Alcohol Use Disorders—Support to develop and assess efficacious behavioral and pharmacological treatments for adolescents with alcohol use disorders. Contact: Cherry Lowman, 301-443-0637; [clowman@NIAAA.nih.gov](mailto:clowman@NIAAA.nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PA-03-088.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Treatment of Alcohol Abuse/Dependent Patients with Psychiatric Comorbidity—Support to develop behavioral techniques to enhance engagement, retention, and adherence of patients with comorbidities to treatment programs; particularly pharmacological and behavioral interventions tailored to comorbid conditions. Contact: Charlene E. LeFauve, 301-402-9401; [clefauve@NIAAA.nih.gov](mailto:clefauve@NIAAA.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-067.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

#### NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)

Chemistry, Pharmacology, and Toxicology of Smoked Drugs of Abuse—Support for non-clinical basic research efforts aimed at chemical isolation or identification, metabolic studies, pharmacokinetics, and in vitro cellular and in vivo animal pharmacology or toxicology studies of condensates or extracts of volatile materials and particulates produced in a smoking process. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Paul Hillery, 301-443-6275; [ph44x@nih.gov](mailto:ph44x@nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PA-02-095.html>.

Drug Abuse Dissertation Research: Epidemiology, Prevention, Treatment, Services, and Women and Gender Differences—Support for new investigators/doctoral candidates from a variety of academic disciplines and programs to conduct research in areas of interest to NIDA. Deadlines: 6/1/04, 10/1/04. Contact: William J. Bukoski, 301-402-1526; [bb75h@nih.gov](mailto:bb75h@nih.gov); <http://grants1.nih.gov/grants/guide/notice-files/NOT-DA-03-002.html>.

Genetic Epidemiology of Substance Use Disorders—Support for genetic epidemiologic studies of substance use disorders, drug abuse, and dependence. Deadline: 6/1/04. Contact: Naimah Z. Weinberg, 301-402-1908; nw46w@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-112.html>.

Imaging - Science Track Award for Research Transition (I/START)—Support for investigators at the beginning of their independent research careers to conduct studies in the area of brain imaging and clinical neurobiology. Deadlines: 6/1/04, 10/1/04. Contact: Joseph Frascella, 301-443-4877; jf80t@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-02-058.html>.

Neuroscience Research on Drug Addiction—Support for research in a wide range of neuroscience relevant to drug abuse, drug dependence, and drug addiction. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Roger M. Brown, 301-443-1887; rb99w@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-085.html>.

Role of Limbic System and Brain Ontogeny in Drug Abuse—Support for basic research into fundamental mechanisms of development of midbrain and basal forebrain structures that mediate euphoric properties of drugs as well as understanding how drugs of abuse affect cellular and molecular mechanisms underlying nervous system development. Deadlines: 6/1/04, 10/1/04. Contact: Jonathan D. Pollock, 301-443-6300; jp183r@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-015.html>.

Support for research on Clinical Use of Medications to Treat Alcoholism and Alcohol-Related Diseases. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Joanne B. Fertig, 301-443-0635; jfertig@niaaa.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-098.html>.

#### NATIONAL LIBRARY OF MEDICINE (NLM)

Pilot Study and Planning Grants for Integrated Advanced Information Management Systems—Support for projects to plan, design, test, and deploy systems and techniques for integrating data, information, and knowledge resources into a comprehensive networked information management system to meet clinical, research, educational, and administrative needs. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Valerie Florance, 301-594-4882; Floranv@mail.nlm.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PAR-02-080.html> and <http://grants1.nih.gov/grants/guide/pa-files/PAR-02-079.html>.

#### NATIONAL INSTITUTES OF HEALTH (NIH)

Alcoholic Hepatitis: Cellular and Molecular Mechanisms—Support to study underlying cellular, biochemical, and molecular mechanisms by which chronic ethanol ingestion leads to initiation and development of alcoholic hepatitis. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Vishnudutt Purohit, 301-443-2689; vpurohit@willco.niaaa.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-078.html>.

Basic and Clinical Research on Rett Syndrome and MeCP2—Support for developmental, molecular, genetic, and pathophysiological research; therapy development projects; and clinical studies, including studies of the role of MeCP2 in basic biological processes or in the etiology of other neurological or neurobehavioral disorders. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Robert Finkelstein, 301-496-5745; rf45c@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-03-097.html>.

Basic and Preclinical Research on Complementary and Alternative Medicine (CAM)—Support for basic, mechanistic, and preclinical research in all domains of CAM in order to provide a stronger foundation for ongoing and planned clinical studies. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Neal B. West, 301-402-5867; westn@mail.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-124.html>.

Basic and Translational Research on the Cognitive Sequelae of Parkinson's Disease—Support for research addressing underlying neurobiological mechanisms associated with cognitive and linguistic sequelae of Parkinson's disease. Cross-disciplinary research involving basic and clinical scientists from various disciplines in studies examining all aspects of cognition in the context of diagnosis and treatment of Parkinson's disease is encouraged. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Emmeline Edwards, 301-496-9964; ee48r@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAS-02-107.html>.

Basic Research in the Bladder and Lower Urinary Tract—Support for research studies that focus on basic cellular, molecular, genetic, and developmental mechanisms of normal and abnormal function of the bladder and lower urinary tract. Deadlines: 6/1/04, 10/1/04, 2/1/04. Contact: Chris Mullins, 301-594-7717; mullinsc@extra.niddk.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-03-136.html>.

Biology of the Menopausal Process and Associated Health Conditions During and After Menopause—Support for research to

elucidate molecular and cellular mechanisms underlying the menopausal process, and pathophysiologic connections of that process with various health problems and conditions of peri- and postmenopausal women. Deadline: 6/1/04. Contact: Frank Bellino, 301-496-6402; FB12A@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-067.html>.

Bone Anabolic Hormones, Their Receptors, and Signal Transduction Pathways—Support for research focused on systemic hormones, local growth factors, and bone-active cytokines with potential bone anabolic effects. Contact: Mehrdad Tondravi, 301-451-9871; mt270t@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-03-008.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Cachexia: Research Into Biobehavioral Management and Quality of Life— Support for basic and clinical research in cachexia; to examine cachexia in relation to several related symptoms to improve quality of life; and to examine cachexia symptoms in two or more chronic

conditions. Deadline: 6/1/04. Contact: Hilary Sigmon, 301-594-5970; Hilary\_Sigmon@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-109.html>.

Chromium as Adjuvant Therapy for Type 2 Diabetes and Impaired Glucose Tolerance—Support for basic studies of chromium action on insulin secretory and signaling pathways, and clinical studies to assess safety and efficacy of chromium as an adjuvant treatment of type 2 diabetes or impaired glucose tolerance. Contact: Rebecca B. Costello, 301-435-2920; CostellB@od.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-114.html>. Deadlines: 6/1/04, 10/1/04.

Continued Development and Maintenance of Bioinformatics gy—Support for continued development, maintenance, testing and software, using best practices and proven methods for stion and implementation to extend applicability of existing bioinformatics/computational biology software to a broader biomedical research community. Contact: Bret Peterson, 301-435-0758; bretp@ncrr.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-141.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Developmental Psychopharmacology—Support for new clinical and basic research on the possible impact of psychotropic pharmacotherapy on the developing brain. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Lois Winsky, 301-443-5288; lois@helix.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-03-113.html>.

Dissertation Research Grants for Underrepresented Minorities in the Ethical, Legal, and Social Implications (ELSI) of Genetics Research—Support for underrepresented minority doctoral candidates from a variety of academic disciplines and programs to conduct research related to the ethical, legal, and social implications of genetics, genomics, and gene-environment interaction research. Deadlines: 6/1/04, 10/1/04. Contact: Jean E. McEwen, 301-402-4997; jm522n@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-048.html>.

Enhancing Adolescent Health Promotion Across Multiple High Risk Behaviors—Support for research related to health promotion/risk reduction among adolescents; specifically, studies to identify determinants of health promoting and health compromising behaviors among adolescents, and evaluate interventions and methodologies with promise for improving health profiles of adolescents by assessing, preventing, reducing and or ameliorating high-risk behaviors. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Janice Phillips, 301-594-6152; janice\_Phillips@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-159.html>.

Epidemiology of Alcohol Consumption and Alcohol-Related Problems in Older Persons—Support for research on alcohol consumption and alcohol-related problems in older persons with the goal of enhancing understanding of patterns of alcohol consumption and epidemiology of alcohol-related problems in older populations. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Rosalind Breslow, 301-594-6231; rbreslow@mail.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-03-061.html>.

Evolutionary Mechanisms in Infectious Disease—Support for research involving interdisciplinary collaborations to discover fundamental biological principles of specific infectious diseases. Approaches might include, but are not limited to, evolutionary biology, microbiology, population dynamics, chemistry, biochemistry, and computational biology. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Irene Anne Eckstrand, 301-594-0943; Irene\_Eckstrand@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-113.html>.

Functional Tissue Engineering of Musculoskeletal Tissues—Support for research to enhance understanding of functional tissue engineering of musculoskeletal tissues (articular cartilage, ligaments, tendons, bone, meniscus, intervertebral disc, and skeletal muscle), with emphasis on innovative approaches to these areas. Contact: James S. Panagis, 301-594-5055; jp149d@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-014.html>. Deadlines: 6/1/04, 10/1/04.

Gene Discovery for Complex Neurological and Neurobehavioral Disorders—Support for projects focusing on any phase of the gene discovery process, from initial patient ascertainment to positional cloning. Novel approaches, including the use of intermediate phenotypes that potentially underlie complex disorders, are also encouraged. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Robert Finkelstein, 301-496-5745; finkelsr@ninds.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PAS-03-092.html>.

Genetic Architecture, Biological Variation, and Complex Phenotypes—Support for new studies on genetic variation and architecture of complex phenotypes. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Irene Anne Eckstrand, 301-594-0943; Irene\_Eckstrand@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-110.html>.

Genetics, Behavior, and Aging—Support for studies to advance understanding of genetic and environmental influences and processes affecting variability in behavior and its functional sequelae with age. Contact: Angie Chon-Lee, 301-594 5943; Chon-LeA@nia.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PAS-03-128.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Health Disparities in Rheumatic, Musculoskeletal, and Skin Diseases—Support for research to promote design, development, and testing of hypothesis-driven innovative approaches to eliminating health disparities in rheumatic, musculoskeletal, and skin diseases, with a focus on potentially modifiable environmental, social, and behavioral factors, and gene-environment interactions, that may underlie ethnic/racial disparities in disease prevalence and outcome; and descriptive and analytic epidemiologic studies to characterize further health disparities in rheumatic, musculoskeletal, and skin diseases. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Deborah N. Ader, 301-594-5032; aderd@mail.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-03-054.html>.

Identifying Functional Links Between the Immune System and Brain Function Including Behavior—Support to study neuroimmune molecules and mechanisms involved in regulating normal and pathological central nervous system function. Deadlines: 6/1/04, 10/1/04. Contact: Lois Winsky, 301-443-5288; lois@helix.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-045.html>.

Increasing Quality of Life in Mobility Disorders—Support for research to improve quality of life in persons with limited mobility by managing physical symptoms and psychosocial consequences that occur as a result of the primary or secondary condition. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Karin Helmers, 301-594-2177; karin.helmers@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-111.html>.

Long-Term Care Recipients: Quality of Life and Quality of Care Research—Support for clinical research to advance knowledge about long-term care populations and encourage testing of interventions to improve quality of life, health, and functional status of long-term care residents. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Nell Armstrong, 301-594-5973; nell.armstrong@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-162.html>.

Management of Chronic Pain—Support for research on management of chronic pain across the lifespan, in order to determine the most effective interventions to remove barriers to effective treatment. Deadline: 6/1/04. Contact: Karin Helmers, 301-594-2177; Karin\_helmers@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-115.html>.

Mechanisms in Nutrition and Infection—Support to advance understanding of cellular and molecular mechanisms involved in relationships between nutrition and infection. Deadline: 6/1/04. Contact: Dennis Mangan, 301-594-2421; Dennis.Mangan@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-133.html>.

Mentored Clinical Scientists Development Program Award (K12 Award)—Support to establish a program to provide career development experiences for clinicians leading to research independence. Contact: Dorynne Czechowicz, 301-443-2237; dczechow@nida.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PAR-02-076.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Methodology and Measurement in the Behavioral and Social Sciences—Support for research to improve quality and scientific power of data collected in the behavioral and social sciences, relevant to missions of NIH institutes and centers. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Michael Stefanek, 301-496-8776; ms496r@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-072.html>.

Neurotechnology Research, Development, and Enhancement—Support for research and development of innovative technologies, methodologies, or instrumentation for basic or clinical studies of the brain or behavior in human or nonhuman animals. Deadlines: 6/1/04, 10/1/04. Contact: Michael Huerta, 301-443-3563; mhuert1@mail.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-04-006.html>.

**New Approaches to the Pathogenesis and Treatment of Orofacial Pain**—Support for innovative basic research investigations to study the pathogenesis of orofacial pain, in particular temporomandibular disorders (TMDs). A broad range of research on pathogenic mechanisms, new animal models, and interventions to halt and reverse disease processes is encouraged. Contact: Kenneth A. Gruber, 301-594-4836; [Kenneth.Gruber@nih.gov](mailto:Kenneth.Gruber@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-01-108.html>. Deadline: 6/1/04.

**Pharmacotherapy to Treat Comorbidity of Alcohol and Substance Use Disorders**—Support for research on pharmacological treatment for patients with alcohol use disorder and a comorbid substance use disorder. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Charlene E. LeFauve, 301-402-9401; [clefauve@NIAAA.nih.gov](mailto:clefauve@NIAAA.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PAS-03-029.html>.

**Plasticity of Human Stem Cells in the Nervous System**—Support to study fundamental properties of all classes of human stem cells, and confirm, extend, and compare behavior of human stem cells derived from different sources and ages or exposed to different regimes in vitro and in vivo. Deadlines: 6/1/04, 10/1/04. Contact: Arlene Y. Chiu, 301-496-1447; [chiua@ninds.nih.gov](mailto:chiua@ninds.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-025.html>.

**Precursor Cells in Skeletal Muscle Repair and Hypertrophy**—Support for research to isolate, characterize, and identify precursor cells required for normal growth and repair of injured, aged, or diseased muscle. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Richard W. Lymn, 301-594-5128; [LymnR@mail.nih.gov](mailto:LymnR@mail.nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-136.html>.

**Proteomics in Diabetes and Other Endocrine and Metabolic Diseases**—Support for projects using proteomic technologies for studying diabetes and its complications, and other endocrine and metabolic diseases. Contact: Salvatore Sechi, 301-594-8814; [ss24q@nih.gov](mailto:ss24q@nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PA-03-052.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

**Race/Ethnic Disparities in Incidence of Diabetes Complications**—Support for research to understand racial/ethnic disparities in development of microvascular (nephropathy, retinopathy, and neuropathy), and macrovascular (cardiovascular disease and stroke) complications of diabetes. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Kristin Abraham, 301-451-8048; [ka136s@nih.gov](mailto:ka136s@nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PA-02-165.html>.

**Research on Microbial Biofilms**—Support for studies on microbial biofilms leading to improved strategies to diagnose, prevent, and treat biofilm-associated infectious diseases. Contact: Dennis F. Mangan, 301-594-2421; [Dennis.Mangan@nih.gov](mailto:Dennis.Mangan@nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PA-03-047.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

**Role of Antioxidants in Prevention of Diabetic Complications**—Support for basic and clinical research studying the use of vitamin E and other antioxidants in prevention or amelioration of diabetic complications. Contact: Barbara Linder, 301-594-0021; [bl99n@nih.gov](mailto:bl99n@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-01-112.html>. Deadlines: 6/1/04, 10/1/04.

**Sleep Disturbance in Parkinson's Disease and Parkinson-Like Conditions**—Support for research on sleep disorders in Parkinson's disease and Parkinson's related neurological conditions. Contact: Merrill M. Mitler, 301-496-9964; [mitterm@ninds.nih.gov](mailto:mitterm@ninds.nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PAS-03-131.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

**Small Research Grant Program (R03)**—Support for research projects that can be carried out in a short period of time with limited resources. Contact: See the complete announcement at the following web site for contacts and interest areas of the participating institutes: <http://grants1.nih.gov/grants/guide/pa-files/PA-03-108.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

**Social and Cultural Dimensions of Health**—Support for research to further development of health-related social sciences research relevant to the missions of the National Institutes of Health institutes and centers. Contact: Ronald P. Abeles, 301-496-7859; [abeles@nih.gov](mailto:abeles@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-02-043.html>. Deadlines: 6/1/04, 10/1/04.

**Social and Demographic Studies of Race and Ethnicity in the U.S.**—Support for research to improve understanding of race and ethnicity in social science and demographic research. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Rebecca L. Clark, 301-496-1175; [rclark@mail.nih.gov](mailto:rclark@mail.nih.gov); <http://grants1.nih.gov/grants/guide/pa-files/PA-03-057.html>.

**Social and Structural Impact of HIV/AIDS**—Support for research examining social, demographic, economic, and other structural impacts of HIV in populations around the globe. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Susan Newcomer, 301-435-6981; [Snewcomer@nih.gov](mailto:Snewcomer@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-03-027.html>.

**Strategies to Identify the Genetic Basis of Diabetic Retinopathy**—Support for research to advance scientific understanding of the genetic predisposition underlying initiation or progression of diabetic retinopathy. Contact: Peter A. Dudley, 301-

496-0484; pad@nei.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-020.html>. Deadlines: 6/1/04, 10/1/04.

Structural Biology of Membrane Proteins—Support for basic research on structures of membrane proteins at atomic resolution. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Peter C. Preusch, 301-594-5938; preuschp@nigms.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-060.html>.

Support for research on the Pathogenesis and Treatment of Inflammatory Muscle Disease including studies in appropriate animal models or preclinical or clinical studies in patients with any form of inflammatory muscle disease. Deadlines: 6/1/04, 10/1/04. Contact: Richard W. Lymn, 301-594-5128; LymnR@mail.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-131.html>.

Support for research on the Pathophysiology and Treatment of Chronic Fatigue Syndrome in diverse groups and across the life span. Deadlines: 6/1/04, 10/1/04. Contact: Eleanor Hanna, 301-402-1770; HannaE@od.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-034.html>.

Women's Health in Sports and Exercise—Support for a wide range of basic, translational, and patient-oriented clinical studies to improve basic knowledge of the pathophysiology of sports injuries in women. Contact: James S. Panagis, 301-594-5055; jp149d@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-02-115.html>. Deadlines: 6/1/04, 10/1/04, 2/1/05.

Women's Mental Health in Pregnancy and the Postpartum Period—Support for research on perinatal mood and other mental disorders in four areas: clinical course, epidemiology, and risk factors; basic and clinical neuroscience; interventions; and services. Research is encouraged on perinatal nonpsychotic and psychotic disorders. Deadlines: 6/1/04, 10/1/04, 2/1/05. Contact: Mary C. Blehar, 301-443-2847; mblehar@mail.nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PA-03-135.html>.

#### NATIONAL NIEMANN-PICK DISEASE FOUNDATION (NNPDF)

Niemann Pick Disease Research Grants support research on basic mechanisms or treatment approaches of direct relevance to NPD. Deadline: 6/1/04. Contact: Janet Ward Pease, 504-486-6933; janet@wpllc.com; . 877-287-3672; <http://www.nnpdf.org/grntappl.htm>.

Pilot Studies support researchers new to the Niemann-Pick Disease field or established NPD investigators who wish to test an innovative idea. Deadline and Contact: See above

#### NATIONAL SCIENCE FOUNDATION (NSF)

Approaches to Combat Terrorism—Support for studies to identify bold new concepts in basic research and workforce development that have potential to contribute to national security. Deadline: 6/11/04. Contact: Andrew W. Clegg, 703-292-4892; aclegg@nsf.gov; <http://www.nsf.gov/pubs/2004/nsf04561/nsf04561.htm>.

International Research Network Connections (IRNC)—Support to provide network connections linking U.S. research networks with peer networks in other parts of the world, in order to support science and engineering research and education applications. Deadline: 6/7/04. Contact: Douglas G. Gatchell, 703-292-8962; dgatchell@nsf.gov; <http://www.nsf.gov/pubs/2004/nsf04560/nsf04560.htm>.

#### TARGET STORES

Arts in Education Grants bring performers to schools, send students to see performances or exhibitions, and give kids a chance to participate in arts workshops. Deadline: 5/31/04. Contact: Target Stores, 612-696-6098; [http://target.com/common/page.jhtml?content=target\\_cg\\_arts\\_in\\_education\\_grants](http://target.com/common/page.jhtml?content=target_cg_arts_in_education_grants).

Family Violence Prevention—Support for family violence prevention projects including parenting education, crisis nurseries, family counseling, after-school programs, support groups, and abuse shelters. Deadline: 5/31/04. Contact: See above or [http://target.com/common/page.jhtml?content=target\\_cg\\_local\\_giving](http://target.com/common/page.jhtml?content=target_cg_local_giving).

Support for Education—Support for programs that promote a love of reading or encourage children to read together with their families, especially programs focusing on readers from birth through third grade. Deadline and Contact: See above.

Support for the Arts provides grants to make art exhibitions, classes, and performances more affordable and accessible for families, especially programs that bring arts to schools or schoolchildren to the arts. Deadline and Contact: See above.

— William Gosnold, interim director, research and program development.

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