

Nobel Prize winner urges cooperation on environmental issues

Sounding an alarm is nothing new for Nobel Prize winner Mario Molina. In 1974, he spoke of the dangers to the earth's ozone layer caused by chlorofluorocarbon (CFC) gases. During a recent visit to NDSU, he still urges caution and cooperation in dealing with important issues regarding the environment.



Nobel Prize winner Mario Molina visited campus Oct. 2 to present the Broberg Lecture in Chemistry.

On campus Oct. 2 to present the 16th annual Broberg Lecture in Chemistry, Molina spoke with reporters about his continuing concerns about the environmental impact of pollution and man-made products.

"My message is we have to be watchful of the consequences of human activities in the environment," he said. "There are some big challenges for society. If nothing else, consider the population. We have six billion people on the planet and developing countries want to improve their economy. That cannot happen the same way the Western World has done it in the past. The planet is too small to support that kind of development on a massive scale."

He urged representatives from around the world to discuss new ways for all people to have a higher standard of living without endangering the environment. "Technology can work, but there are also social and economic factors," he said. "It will require international cooperation. We cannot do it alone."

Molina first gained headlines as co-author of an article in the British magazine *Nature* which described the threat to the ozone layer from the CFC gases then being used as propellants in spray cans and as refrigerants and solvents. Now an institute professor at the Massachusetts Institute of Technology, Molina was honored in 1995 with the Nobel Prize for his work in atmospheric chemistry, particularly concerning the formation and decomposition of the ozone hole in the earth's atmosphere.

Molina's research focuses on the scientific understanding of the chemistry of the stratospheric ozone layer and how humanity has affected it. More recently, he has been involved with the chemistry of air pollution of the lower atmosphere. He also is working on the problem of rapidly growing cities with severe air pollution problems.

Concerns about global warming are very real, according to Molina. "Keep in mind that the difference between the average temperature of an ice age and what we have now is only about 15 degrees Fahrenheit. It's only a small change," he said. "It doesn't take an extreme change before we see some significant impacts. Even small changes are very worrisome."

Molina went to say that his thoughts about the environment sometimes come more from moral judgments than strict scientific information. "It's very hard to establish with certainty that the changes in the climate that we are seeing are indeed a consequence of human activities. To me, the key question is: Can we tell for sure these

ND EPSCoR proposals due Nov. 13

Due to NDSU being closed Nov. 10 in observation of Veterans Day, the deadline for ND EPSCoR proposals from department chairs requesting start-up funds for faculty to be hired during fiscal year 2002 has been extended to Monday, Nov. 13.

Abstracts were due by noon Monday, Oct. 9. Proposals, including an original plus 10 copies, double-sided if possible, in response to this request for proposals are due in one of the ND EPSCoR offices by noon Monday, Nov. 13. Awards will be announced on or about Dec. 15.

For more information, contact the ND EPSCoR office at 1-8400.

Varsity Mart to hold ring, Homecoming promotions

Jostens representatives will be at the Varsity Mart Oct. 12-13 for an NDSU ring promotion. The Varsity Mart also is having a Homecoming sale through Oct. 14. All clothing and NDSU souvenirs are 15 percent off.

Next Issue

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Old Main 204
Voice: 231-8326
Fax: 231-1989
bclemens@gwmail.nodak.edu

changes are natural or of human origin? If we cannot, that to me is sufficient reason to justify some action," he said.

Born in Mexico City, Molina holds a chemical engineering degree from the Universidad Nacional Autonoma de Mexico; a postgraduate degree from the University of Freiburg, West Germany; and a doctorate in physical chemistry from the University of California, Berkeley. He serves on the President's Committee of Advisors in Science and Technology, the Secretary of Energy Advisory Board, National Research Council Board on Environmental Studies and Toxicology and on the board of the U.S.-Mexico Foundation of Science.

Molina's Broberg lecture, "The Antarctic Ozone Hole," focused on how observations of severe ozone depletion in the stratosphere over Antarctica have heightened interest in how the world is changing. He described how the ozone layer shields the earth's surface from the sun's damaging ultraviolet radiation. He pointed out that laboratory and field research have clearly established that ozone depletion at high latitudes is caused by CFCs.

In addition to the Broberg lecture, Molina also met with faculty and students from the chemistry department and gave a technical lecture, "Chemistry of Ice Crystals."

Campus forum planned on higher ed roundtable report

A campus forum is planned to discuss the Higher Education Roundtable Report at 2:30 p.m. Wednesday, Oct. 25 in the Alumni Center Reimers Room. Chancellor Larry Isaak, State Sen. Dave Nething and NDSU President Joseph A. Chapman are scheduled to speak at the event. All faculty and staff are invited to attend.

In the last legislative session, members of the legislature, state business leaders and higher education leaders were asked to conduct a study on how higher education can meet the changing needs of the state. This roundtable will discuss that group's findings.

For a full copy of the report, visit www.ndus.nodak.edu/reports.

NDSU Libraries shift to electronic journal format

The NDSU Libraries are shifting from printed scholarly journals to those in an electronic format. Currently, the Libraries' electronic database includes about 4,000 titles, and the number keeps growing.

"This is part of the natural evolution libraries are going through. A lot of scholarly information is now available in electronic format and, consequently, we are responding to this transformation," said Thomas Bremer, Libraries associate director. "Also, it's a way for us to get back to normal after the June flood. We're boosting our online holdings so people have access to journals, and, because we are pulling titles from our database, we actually have more titles available now in electronic format than we previously had in print."

According to Bremer, the available journals are often the electronic version of ones the Libraries formerly subscribed to in print format. He points out that prior to the flood, there were about 3,000 titles available.

Bremer said most of the faculty he's talked to like the change and reaction among students has been positive. "It actually improves access by faculty. Before they'd have to come to the Main Library to look up these printed journals and maybe make a photocopy. Now, they can access them from their desktops in their office. Even from home, they can look into our data base and use many of the journals there," he said.

Many of the electronic journals are enhanced over those in print format, because often the references are hyper-linked directly to related articles or provide additional data. "It's an exciting time for NDSU Libraries. This is a big step forward in providing service and collections to the faculty and students," Bremer said.

An automatic authentication system has been created along with the database. Because of licensing agreements and copyright restrictions, the journals are available only to NDSU faculty, staff, on-campus students and distance learning students. "It requires people to log in, and it verifies that only people affiliated with NDSU will be able to access these journals," Bremer said. "This is another nice step forward, too."

The NDSU Libraries database of scholarly journals can be accessed at www.lib.ndsu.nodak.edu/ejournal.

Annual notice to all university employees and students

University equal opportunity policy

NDSU is fully committed to equal opportunity in employment decisions and educational programs and activities in compliance with all applicable federal and state laws, and including appropriate affirmative action efforts, for all individuals without regard to race, color, national origin, religion, sex, disability*, age, Vietnam Era Veterans status or sexual orientation, status with regard to marriage or public assistance or participation in lawful activity off the employer's premises during non-working hours which is not in direct conflict with the essential business-related interests of the employer.

This policy has been approved by the university president. Any inquiries concerning the application of such laws or this

policy to the university's practices may be referred to the appropriate federal compliance agency or to Sandra Holbrook, university director of equal opportunity, Old Main 202, 1-7703, or sholbroo@gwmail.nodak.edu.

*Otherwise qualified individuals with disabilities (as defined in the Americans with Disabilities Act and Section 504 of the Rehabilitation Act), requiring reasonable accommodation, are invited to identify themselves to their supervisor or course instructor.

University policy on sexual harassment

As part of its commitment to equal opportunity, NDSU prohibits sexual harassment of its employees and students, including student-to-student and other peer sexual harassment.

This policy is in compliance with federal regulations implementing Title VII of the Civil Rights Act of 1964 and Title IX of the Education Amendments of 1972. Sexual harassment is defined as:

"Unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature constitute sexual harassment when

1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or academic achievement,

2) submission to or rejection of such conduct by an individual is used as the basis for employment decision or academic decisions affecting such individual, or

3) such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creating an intimidating, hostile or offensive environment."

Please note that sexual harassment in electronic forms also is prohibited under NDSU Policy 710-Computer Facilities.

Individuals concerned about violations of this policy should request assistance from the university's director of equal opportunity, the university's general counsel, the Counseling and Disability Services Office, the associate director for student rights and responsibilities or an appropriate administrator. When administrators or supervisors become aware of occurrences of sexual harassment in their areas, they are responsible for stopping the behavior or reporting it to the director of equal opportunity. In addition, the university's equal opportunity grievance procedure shall be available for any person who wishes to file a complaint alleging a violation of this policy.

Please note: Employees and students also should be aware of the university's policies on consensual relationships (Policy 162.1) and anti-harassment (Policy 163) found at www.ndsu.nodak.edu/policy/.

People

Galitz retirement reception planned



Galitz

An open house is planned from 3-5 p.m. Tuesday, Oct. 24, in the Memorial Union Peace Garden Room to honor Donald S. Galitz, retired professor of botany. Galitz retired in 1999 after 31 years of service to NDSU. He had a dual appointment in the Department of Botany and the Experiment Station.

Galitz joined the NDSU faculty in 1968. He taught introductory plant physiology, tissue culture, general plant metabolism, nitrogen metabolism, general biology and ethics in biotechnology. In 1997, he received the Samuel Postlethwait Service Award from the Teaching Section of the Botanical Society of America.

Galitz earned his bachelor's degree in biology and chemistry from Monmouth College, Monmouth, Ill., and his master's degree and doctorate in agronomy from the University of Illinois.

Fike creates sets for Paul Bunyan Playhouse

Raymond Fike, assistant professor of theatre arts, served as technical director and designer at the Paul Bunyan Playhouse in Bemidji, Minn., during the summer. Fike designed scenery for three of the six productions during the 12-week season at the playhouse, including "Steel Magnolias," "The Mystery of Irma Vep" and "The Mousetrap."

Fike joined the faculty at NDSU in 1999. He teaches technical theatre classes and serves as technical director for the Department of Theatre Arts and for the Little Country Theatre. He previously served one season as technical director for the Delaware Theatre Company in Wilmington, and he taught technical theatre for two years at the University of North Texas, where he also was technical director and lighting designer for the Department of Dance and Theatre Arts.

Mehta serves as panelist about learning materials

Sudhir Mehta, professor of mechanical engineering, recently was invited to be a panelist at the North Midwest Section Meeting of the American Society for Engineering Education in Minneapolis. The panel, "Learning Materials for the 21st Century," also included Joe Hayton, senior editor of John Wiley, and Sheri Sheppard of Stanford University.

Mehta discussed opportunities available to faculty members for developing and sharing innovative learning materials. He described the education material development track in the National Science Foundation's Course Curriculum and Laboratory Improvement Program. He shared the results of the two NSF grants he and his colleagues received to develop learning materials in the areas of statics, engineering measurements and technical communication.

Stammen honored as an 'Outstanding North Dakotan'



Stammen

The Greater North Dakota Association, North Dakota's State Chamber of Commerce, recognized seven outstanding North Dakota companies and business people at an awards banquet held in conjunction with the North Dakota Business Conference Oct. 10-11 in Fargo.

Ronald Stammen, associate professor of education, received the Educator Award from the association. He was cited for his devotion to the development and enhancement of education in North Dakota, including the development of innovative programs for K-12 and post-secondary teachers statewide.

Stammen is the co-developer of the education community's SENDIT network, a statewide computer network for students and educators in K-12. He has chaired the SENDIT board of directors from 1995-2000. He initiated the use of an interactive video network in North Dakota, enabling the first distance education student in the state to acquire an advanced degree. Since then, he has continued to lead a cooperative effort with University of North Dakota faculty to afford graduate students in central and western North Dakota advanced degrees over the video network.

Stammen was on the developmental committees and inaugural governing board for the new Skills and Technology Training Center, Fargo. He also has developed 13 school-to-work and school improvement courses for Cass County K-12 teachers.

Others receiving awards were Donald Mengedoth, Fargo, Greater North Dakotan Award; Dakota Gasification Company, Beulah, the Vision Award; Kevin and Judy Black, Glenfield, family farm operators, the Agricultural Award; Bruce Whittey, Bismarck, president, Corwin Churchill Motors Inc., the Business and Industrial Development Award; Jim Laducer, Mandan, chief executive officer, Laducer and Associates, the Entrepreneurial Spirit Award; and Sandra Tjaden, Bismarck, Theodore Roosevelt Medora Foundation, the Tourism and Recreational Development Award.

Haney, Stammen present at conference

David Haney, assistant professor of education, and Ron Stammen, associate professor of education, were panel presenters at the North Dakota Department of Public Instruction fall conference, held Sept. 24-26 in Fargo.

The theme of the conference was "Educational Improvement: Working Together for World Class Schools." The conference was attended by teachers and administrators from throughout the state and region, including nine NDSU faculty, staff and students.

Haney's topic was "Superintendent/School Board Relations." Stammen presented "Rural-City (Cass County) Professional Development Collaboration."

Larew awarded for volunteer work

Don Larew, professor of theatre arts, recently was awarded the Delta Upsilon International Fraternity Chairman's Honorable Mention Award for Outstanding Alumni Volunteer of the Year. Larew is faculty adviser to the NDSU chapter of Delta Upsilon, and has served in that capacity for nearly 30 years.

He was nominated by the students in the NDSU chapter, and he was announced the winner at the fraternity's international convention in July.

Larew has worked with the NDSU chapter since it was chartered in 1970. He said receiving the award in this, its 30th anniversary, year was especially rewarding "I'm very pleased to have been considered for the award and appreciative of their determining to nominate me for the award," Larew said.

The fraternity will celebrate its 30th anniversary in conjunction with Homecoming week at NDSU.

Larew has been a member of the NDSU faculty since 1969. He teaches costume, scenic and makeup design classes; supervises all design work for the theatre program; and serves as artistic director of Little Country Theatre. He also has been working for the past 25 years as a freelance designer for the firm Scenographics in New Wilmington, Pa.

Events

Leadership session to be held

The NDSU Division of Continuing Education is the local host of the fifth annual "Worldwide Lessons in Leadership Series" 9:45 a.m.-4:30 p.m. Wednesday, Nov. 15, at the Fargo Civic Auditorium. With the theme "The Brave New Workplace: Strategies to Excel in a World of Change," the global satellite teleconference is being held in cooperation with Fortune magazine.

The satellite conference will be opened by comments from Nobel Peace Prize recipient Nelson Mandela. The executive panel will feature Andy Grove, chair of Intel Corp., Yahoo! co-founder Jerry Yang and Martha Stewart, chair of Martha Stewart Living Omnimedia.

Authors Stephen R. Covey, Tom Peters, Ken Blanchard, Martha Rogers and Don Tapscott will discuss the latest strategies and business insights.

The rate for NDSU employees is \$129. To register, call 1-800-689-9771 or online at www.wyn.com.

Hageman to present Women's Studies symposium



Hageman

Jeanne Hageman, assistant professor of modern languages, will present the second Women's Studies symposium of the fall semester. Her talk, "Madame de Saint-Chamond: Adultery, Education and Equality in Eighteenth Century France," will explore a French woman's struggle to position herself as both a writer and respected citizen in pre-revolutionary France. Hageman's presentation is scheduled for

3:30 p.m. Thursday, Oct. 26, in Loftsgard 380.

Hageman's continuing research shows that in many ways, Madame de Saint-Chamond did everything a "good girl" was not supposed to do: She danced at the Comedie Italienne; she was engaged to a Marquis; she was rumored to have had a number of other lovers; and she married yet another Marquis. Saint-Chamond saw women as men's equal in intellectual pursuits, yet believed women were severely restricted by powerful men who controlled society. She even dared blame men for women's infidelity because of husbands' inability to satisfy their wives.

Hageman believes that, in spite of the colorful portrayal of Saint-Chamond by scholars, who dwell more on her lifestyle than the content of her work, she portrays herself as a moral conservative: a woman who believed in the institution of marriage and sought to build a solid home life for her family. Hageman will show how such images were created and what effect they have on readers. She also will discuss the feminist aspects of Saint-Chamond's work, both fiction and non-fiction, including her views on women's education, their roles in society and their image within society.

Hageman received her doctorate from the University of Wisconsin-Madison in French literature with a specialty in the novel and French women authors. She has presented papers and published articles on women of 18th century France, including Madame d'Epainay, Madame de Saint-Chamond, Mademoiselle Poulain, and a Dutch woman, Elizabeth Wolff-Bekker. Hageman came to NDSU in 1997, and teaches courses in all levels of French language and literature.

The symposium is free and open to the public. For further information about Hageman's symposium, contact her at 1-8845. Anyone needing special assistance at the event should contact Kathleen Slobin, director of Women's Studies, at 1-8939, prior to the symposium.

Calvo to present 'last lecture'

Jorge Calvo, assistant professor of mathematics, is scheduled to present "May All Your Problems Be Math Problems (Advice for an Increasingly Mathematical World)," as part of the "Last Lecture Series." The talk will take place at 7 p.m. Oct. 24, in the Weible Hall Lounge.

The Last Lecture Series is an opportunity for NDSU faculty to present a topic as though it was the last thing they could tell their students. It is sponsored by the Department of Residence Life.

Anyone interested in presenting for the "Last Lecture Series" should contact Jerry Cole, Churchill Hall Director, at 1-3236 or jerry_cole@ndsu.nodak.edu.

Division of Fine Arts to present 'St. John Passion'

The NDSU Division of Fine Arts is sponsoring the "St. John Passion," a celebration of J.S. Bach's life and music, at 8 p.m. Saturday, Nov. 4, and 2 p.m. Sunday, Nov. 5. Both concerts will be in Festival Concert Hall.

The performers include the NDSU Concert Choir, members of the Fargo-Moorhead Symphony and guest soloists Robert Jones, Todd Queen, Jerry Elsbernd, Shirley Leiphon, Katrina Zook and Paul Busselberg.

For more information, call 1-9564. Tickets are available at selected Ticketmaster locations, including Dayton's, Discontent and Charge-by Phone at 235-7171. Tickets also are available at the Division of Fine Arts office at 1-7969.

Gandhi's grandson to speak at NDSU

Arun Gandhi, the grandson of legendary peace activist and spiritual leader Mahatma Gandhi, is scheduled to give a presentation at 7:30 p.m. Tuesday, Oct. 17, in Festival Concert Hall. Gandhi's talk, "Understand Race, Overcome Prejudice," is sponsored by NDSU Campus Attractions. It is free to the public.

Gandhi emphasizes the same guiding principles of integrity, social harmony and hope that his grandfather espoused. Born in 1934 in a South African commune founded by his grandfather, Gandhi was sent in 1946 by his parents to India to live with his famous grandfather. It was an 18-month stay that he says gave him "the keys to the powerful philosophy of nonviolence and helped shape the foundation" for his work.

"Mr. Gandhi has dedicated his life to encourage a better understanding of nonviolence," said Megan O'Rourke, Campus Attractions issues and ideas coordinator. "In his programs, he encourages others to overcome all forms of violence and prejudice occurring so often in our society."

From 1957 to 1980, Gandhi worked for the Times of India. He came to the United States in 1988 to complete research for a comparative study on racism in America.

In 1991, he and his wife, Sunanda, founded the M.K. Gandhi Institute for Nonviolence, headquartered at Christian Brothers University, Memphis, Tenn. The institute's mission is to foster understanding of nonviolence and to put that philosophy to practical use through workshops, lectures and community outreach programs.

Gandhi has spoken for numerous colleges, universities, corporations and civic organizations. His presentations have taken him to Croatia, France, Ireland, the Netherlands, Lithuania and Nicaragua.

The presentation is a rescheduled appearance for Gandhi at NDSU that originally had been planned for April.

Little Country Theatre to present Roman farce

The Little Country Theatre is scheduled to present "A Funny Thing Happened on the Way to the Wedding," at 8 p.m. Oct. 18-21 and 2 p.m. Oct. 22. A free preview night is planned for NDSU staff at 7:30 p.m. Oct. 17. All performances will be held in Askanase Auditorium.

The comic Roman farce, based on "Casina" by Plautus, is filled with slapstick, lechery and playful dialogue.

Tickets are \$10 for adults; \$8 for senior citizens, NDSU alumni, faculty, staff and non-NDSU students; and \$4 for NDSU students. For tickets call the Fine Arts Box Office at 1-9442.

EPSCoR to bring NSF program director to NDSU

North Dakota EPSCoR is sponsoring a visit by John Hurt, National Science Foundation's Partnerships for Innovation program director, from 10-11 a.m. Tuesday Oct. 17, in the Memorial Union Meadow Lark Room.

The Partnerships for Innovation program is focused on connections between new knowledge created in the discovery process to learning and innovation. Its purpose is to transform knowledge created by the national research and education enterprise into innovations that create new wealth, build strong local, regional and national economies and improve the national well-being.

Hurt will present information on submitting proposals to his office.

Those who wish to attend should RSVP by noon Friday, Oct. 13, to David R. Givers at 1-7516 or David_Givers@ndsu.nodak.edu.

'Discover NDSU' set for October and November

The Office of Admission has scheduled its fall semester 'Discover NDSU' dates. Prospective students will have the opportunity to tour campus facilities and meet NDSU professors and current students. Information will be presented about financial aid, student involvement and other opportunities available to students on campus.

Sessions are scheduled from 1-4 p.m. Thursday, Oct. 19; 9 a.m.-1 p.m. and 1-4 p.m. Friday, Oct. 20; and 9 a.m.-1 p.m. Saturday, Oct. 21. The October dates were scheduled to coincide with National College Week, which is Oct. 16-23. Sponsored by the U.S. Department of Education, National College Week aims to increase awareness among prospective college students of common questions about higher education, including costs, financial assistance and high school preparation.

November Discover NDSU dates are scheduled for 9 a.m.-1 p.m., Nov. 17 and 18. Family members are invited to attend the sessions. For more information call 1-8643.

Alumni honorees to speak to campus community

The 2000 NDSU Alumni Achievement recipients, Ian B. Edwards and Mary Ann Tucker, and Heritage Award honoree Jim Wieland are scheduled to give presentations to the campus community during homecoming week. The presentations are free and open to the public. For more information, call Liz Christianson at the NDSU Alumni Association at 1-6811.

Thursday, Oct. 12

Jim Wieland, 2000 Heritage Award honoree
2 p.m.

Presentation to Fundamentals of Management Class
Wieland will speak about his personal business experiences and responsibilities of being a manager.

Ladd 107

Mary Ann Tucker, 2000 Alumni Achievement honoree
3:45 p.m.

Colloquium in Department of Chemistry
"Technology, Patents and Prozac: The Thrill of Victory, the Depression of Defeat?"

Dunbar 152

Friday, Oct. 13

Ian B. Edwards, 2000 Alumni Achievement honoree
3:30 p.m.

"Plant Breeding in the 21st Century: GMO's and Their Impact"
Loftsgard 114

Satellite event to compare Christian, Muslim Jesus

The Christian Faculty and Staff Fellowship at NDSU is sponsoring a satellite downlink of the live forum "Who is the True Jesus? A Comparative Analysis of the Jesus of the Qur'an and the Jesus of the Bible," from 6-9 p.m. Thursday, Oct. 19, in Morrill 103. The event will originate from the Robert Ferst Center for the Arts on the campus of the Georgia Institute of Technology, Atlanta.

Peggy Wehmeyer, religion correspondent for "ABC World News Tonight with Peter Jennings," is scheduled to be moderator for the event.

The forum will begin with a 90-minute moderated discussion between the Christian and Muslim panelists, followed by a 30-minute interview of the panelists by Wehmeyer. It will conclude with an hour-long question-and-answer period from the audience and via e-mail.

Representing the Christian view will be Jay Smith, doctoral candidate at the Center for Islamic Studies at Oxford University, and William Lane Craig, philosophy professor and theologian. Representing the Islam perspective will be Jamal Badawi, a professor of economics and well-known Muslim speaker, and Shabir Ally, a popular speaker on Muslim-Christian issues.

More information is available at: www.facultyline.com/national/fslf.nsf. For questions about the local event, call 1-8072.

Faculty to present research at Geological Society meeting

NDSU geoscientists will present research at the 112th annual meeting of the Geological Society of America Nov. 9-12, in Reno, Nev. Approximately 7,000 geoscientists are expected to attend the meeting.

David Hopkins, assistant professor of soil science, along with Wendell Norvell of the U.S. Plant, Soil and Nutrition Laboratory, Ithaca, N.Y., will present "Geochemical Evaluation of the Dahlen and Hansboro Formations in Northeastern North Dakota." The research focuses on determining if plant available trace metals vary between two widespread till formations that vary in shale content. Trace metal content and availability can markedly affect yield and quality of food crops. The study was conducted in western Cavalier and Towner Counties.

Bernhardt Saini-Eidukat, assistant professor of geosciences, will present "Geochemical Characteristics of Jurassic Granitic Units from the Somoncura Region, Patagonia, Argentina." The research of the Somoncura Magmatic Belt will help decipher the mechanisms of the break-up of the Gondwana supercontinent.

Allan Ashworth, professor of geology, will present "The Climate During the Last Advance of the Puget Sound Glacier (Vashon Stade, Fraser Glaciation) Based on Fossil Beetles From Seattle." Evidence will be presented that this major glacial advance occurred during a time when summer temperatures were as warm as those of today. The research of the fossil beetle assemblage from the pre-glacial Kitsap Formation was a collaboration with Michele Gutenkunst, an NDSU undergraduate in geosciences, and Robert Nelson, Colby College, Waterville, Maine.

The society's meeting is hosted by the University of Nevada-Reno, the Desert Research Institute and the Geological Society of Nevada.

E&A sponsors building series on PPTV

The College of Engineering and Architecture is co-sponsoring the series "Building Big," currently airing at 7 p.m. Tuesdays through Oct. 31, on Prairie Public Television.

The five-part miniseries on megastructures covers the process of building bridges, domes, skyscrapers, dams and tunnels. It showcases some of the world's greatest feats of engineering, discusses the histories behind the projects and features the engineers, architects and builders who designed and built them.

"Building Big" is a co-production of the WGBH Science Unit and Production Group Inc., Washington, D.C., and is presented on the Public Broadcasting System by WGBH Boston.

Major funding for the series is provided by the National Science Foundation. Additional funding comes from the National Endowment for the Humanities, The Arthur Vining Davis Foundations, the Corporation for Public Broadcasting and public television viewers.

For more information on the series, visit www.pbs.org/wgbh/buildingbig.

Assessment expert to visit campus Oct. 16-18

The University Assessment Committee (UAC) will host Susan Hatfield, Winona State University, as a consultant on the assessment of student learning during a visit to NDSU Oct. 16-18. Hatfield also will serve as the external evaluator of the activities and accomplishments of the University Assessment Committee for the first year of activities funded by the grant from the Bush Foundation.

Faculty and staff are invited to attend her open forum on linking the "7 Principles for Good Practice in Undergraduate Education" to the assessment of student learning. The forum is scheduled from 2-3 p.m. Monday, Oct. 16, in the Memorial Union Peace Garden room.

Colleges, departments, academic programs and units in Student Affairs may schedule appointments for Hatfield to serve as a consultant on their assessment activities. Times available in Hatfield's preliminary schedule include all three days, Monday-Wednesday, Oct. 16-18.

Hatfield is a member of the faculty at Winona State University and is a nationally recognized authority on the assessment of student learning. She has served as the chair of the Department of Communication Studies and currently has administrative responsibilities in long-range planning, assessment and accreditation at Winona State University.

She also is the lead investigator on a major grant to develop software for assessment activities and is a featured speaker at leading national conferences and workshops, including the AAHE Annual Assessment Workshops.

To schedule consulting opportunities with Hatfield, contact Bonnie Erickson at 1-8262 or Bonnie_Erickson@ndsu.nodak.edu. A large number of requests for scheduling are anticipated. Scheduling requests will be made on a first-come, first-served basis.

Galloping Gourmet Club invites new members

The Galloping Gourmet Club at NDSU is seeking new members. The club provides an opportunity to dine out on a monthly basis with other members of the university community. Group members choose a different eating establishment to experience each month. There are even occasions to try some out-of-town places.

According to Karla Thoennes, associate director of residence life and gourmet club member, "Joining this club will give you an opportunity to get to know others in the university community as well as have enjoyable evenings with food and new friends. All members of the university community are invited to participate."

The club began about a year ago and has visited such places as the VIP Room, Luigi's, TreeTop, Santa Lucia and Victoria's.

To join the listserve for the club or for further information, contact Thoennes at 1-7700 or kthoenne@gwmail.nodak.edu or Prakash Mathew at 1-8240 or pmathew@gwmail.nodak.edu.

Agriculture career fair set for Oct. 16

The Sigma Alpha Professional Agricultural Sorority is sponsoring the annual Ag Career Fair scheduled for 9 a.m.-3 p.m. Monday, Oct. 16, in the Memorial Union Ballroom.

Companies scheduled to be recruiting at the fair include Agriliance, Genex/CRI, Pipestone Systems, Novartis Crop Protection, J.R. Simplot, Land O' Lakes Feed, Excel Corp., Ag Country Farm Credit Services, Tractor Supply Co., Ag Resource Group, AgriVenture, Lab Support, Golden Harvest, USDA-Natural Resource Conservation Service, Swine Management Systems, National Agricultural Statistics Service, Dow AgroSciences, Fort Dodge Animal Health, Community for Ag Exchange Program, Country Energy/Farmland, Black Gold and Wells-Fargo Bank.

People interested in an internship, co-operative education placement or permanent employment with the companies are encouraged to attend the career fair. Students who attend will be eligible for a \$100 door prize, which will be drawn at the end of the fair.

For more information about the career fair, contact Skye Eckert at 237-5490 or Jackie Miller at 476-0292.

Sigma Alpha is a professional agricultural sorority with more than 30 chapters across the country. Chartered in 1993, the Upsilon chapter at NDSU also sponsors the Big Event, Ag Woman of the Year and volunteer programs in the area.

Alcohol Awareness week planned Oct. 15-21

The Department of Residence Life at NDSU is planning several events during National Collegiate Alcohol Awareness Week Oct. 15-21.

Monday, Oct. 16, Liz Parrow and Wade Psarr are scheduled to give a presentation on drunk driving. Parrow's family was killed in a drunk driving accident. Psarr was the driver of that vehicle and they will both speak about their experiences at 7 p.m. in the Weible Lounge. Pamphlets with recipes for mocktails will be available.

Tuesday, Oct. 17 the YMCA of NDSU will present the brown bag seminar "Alcohol Related Arrest Characteristics of NDSU Students" at 12:30 p.m. in the Memorial Union Meadow Lark. Kevin M. Thompson, associate professor of sociology, will present on data and patterns regarding college, year in school and on- and off-campus living. He also will highlight gender, athletic status, Greek status and other characteristics.

Thursday, Oct. 19, a drunk-driving simulator will be available at 11 a.m., 1:30 p.m. and 4 p.m. in the Memorial Union Alumni Lounge. Professors from St. Cloud State University's Highway Safety Center will demonstrate how to use the simulator and will do short presentations during the sessions.

The events are co-sponsored by the YMCA of NDSU, the Office of the Vice President for Student Affairs, Residence Hall Association, National Residence Hall Honorary and Anheuser-Busch.

For more information, contact Brad Lasser, Pavek Hall director, at 1-3233.

Brown bag to explore alcohol-related issues

The YMCA of NDSU is planning "Alcohol Related Arrest Characteristics of NDSU Students" 12:30-1:30 p.m. Tuesday, Oct. 17, in the Memorial Union Meadow Lark Room.

Kevin Thompson, associate professor of sociology, is scheduled to discuss alcohol-related data and patterns regarding college, year in school and where students live. He also will highlight information related to gender, athletic status, Greek status and other characteristics.

For more information, contact the YMCA of NDSU at 235-8772.

Shorts and Reminders

Investment seminar planned

NDSU Continuing Education is sponsoring "How to Invest Through Investment Clubs" from 7-9 p.m. Tuesday, Oct. 24, at the Evergreen Conference Center, 302 27th St. N., Fargo. Cost is \$30. To register, call 1-7015 or visit www.ndsu.edu/conted.

Union Food Court Specials Oct. 11-18

The Corner Deli

Wednesday: chicken Caesar wrap

Thursday: ham

Friday: turkey

Monday: Pastrami

Tuesday: all-American wrap

Wednesday: roast beef

More Than a Burger

Wednesday: grilled chicken

Thursday: 1/4 pound cheeseburger

Friday: fish sandwich

Monday: broasted chicken

Tuesday: mushroom Swiss burger

Wednesday: 1/4 pound hamburger

A La Carte

Wednesday: hand-carved ham

Thursday: sweet and sour chicken

Friday: Lonestar sandwich

Monday: hot ham and cheese wrap

Tuesday: Swedish meatballs

Wednesday: pasta bar

Pizza Express

Wednesday: Farmhouse

Thursday: Red River

Friday: Hawaiian

Monday: bacon cheeseburger

Tuesday: taco

Wednesday: creamy garlic chicken

*Items are subject to change without notice.

Call the Dining Services Lunch Line at 1-9501 for all the daily specials. Questions or comments may be dropped in the suggestion boxes located in each dining center and the Union Food Court or call Kristina at the Union Buffet at 1-8122.

Positions available

Positions open and closing dates through the Office of Human Resources, Room 205, Old Main:

Administrative Secretary/#1640
Carrington R/E Center
\$15,300+/year
Oct. 16

Account Technician/#668
Business Office
\$18,000/year
Oct. 18

Secretary/Receptionist
(Per Diem - Monday-Friday; non-benefited)
Student Health Service
Salary dependent on experience
Oct. 18

Weekend Swing Cook
(nine-month; part-time, non-benefited)
Saturday - 8 a.m.-4:30 p.m.; Sunday - 10:30 a.m.-7 p.m.
Dining Services - RDC
\$7.25/hour
Open until filled

Catering Attendant
(Per Diem; between 6:30 a.m.-4 p.m.; Monday-Friday; some evening and weekends)
Dining Services - Memorial Union
\$6.75/hour
Open until filled

Catering Assistant/#5121
Dining Services - Memorial Union
\$8.05 minimum/hour
Oct. 11 (internal); Oct. 18 (external)

Food Service Worker/#2166
Monday-Friday; 11:30 a.m.-8 p.m.
Dining Services - RDC
\$6/hour
Open until filled

Food Service Worker/#1183
Monday-Friday; 11 a.m.-7:30 p.m.
Dining Services - WDC
\$6/hour
Open until filled

Pizza Attendant/#4532
Monday-Friday; 9 a.m.-5:30 p.m.; some evenings and weekends
Dining Services - Union Dining Center
\$7.10 minimum/hour
Oct. 6 (internal); Oct. 16 (external)

Assistant Director, New Student Programs
Project Success
\$28,500 minimum/year
Nov. 3

Programmer/Analyst/#3341
Computer Science
\$32,000+/year
Oct. 20

Rangeland Specialist/#1468
Animal and Range Sciences
\$29,000 minimum/year
Oct. 20

Research Technician
Animal and Range Science
\$26,000+/year commensurate with education and experience
Oct. 16

Position openings also are available through the NDSU Web site at www.ndsu.nodak.edu/hr/.

Research Opportunities

The Office of Research Administration, Old Main 201K, announces the following funding opportunities and deadlines. For information about other grants available, check the Research Administration Web site at www.ndsu.nodak.edu/ndsusizer/resadmin.html and click on "Funding Opportunities." You also may do a funding opportunities search via SPIN, available at www.ndsu.nodak.edu/ndsusizer/SPINplus/SPINplus.htm.

Environmental Protection Agency and National Science Foundation
Decision-Making and Valuation for Environmental Policy
Deadline: Dec. 18
<http://es.epa.gov/ncercqa/rfa/dmvp01.html>

The EPA and the NSF are inviting applications for research under three focus areas that will contribute to the development of practical, credible approaches for estimating the benefits and costs of environmental programs and improving decision-making about environmental issues. Collaborative and interdisciplinary efforts, including behavioral, social and economic sciences are encouraged.

U.S. Department of Interior
Species at Risk
Deadline: Nov. 3
www.access.gpo.gov/nara/index.html - select "browse," then "2000" and the issue date

The Interior Department's U.S. Geological Survey is inviting preproposals for short-term research and assessment projects to generate information that allows development of conservation agreements, action plans and management alternatives that provide for protection of plants and animals and their habitats and reduce the numbers of endangered species. Projects must focus on species or groups of species for which there is concern but limited information.

U.S. Department of Labor
National Farmworkers Jobs
Deadline: Oct. 31
<http://doleta.gov> - refer to DFA-00-112

The Labor Department's Employment and Training Administration is inviting applications to create staff development opportunities for National Farmworkers Jobs program grantees.

**U.S. Department of Justice
National Girls Institute**

Deadline: Dec. 1

www.ojjdp.ncjrs.org/grants/about.html#kit

The Justice Department's Office of Juvenile Justice and Delinquency Prevention is seeking applications to establish a National Girls Institute to promote programs that focus on underlying factors that place girls at risk of involvement in the juvenile justice system.

National Science Foundation

Elementary, Secondary, and Informal Education (ESIE)

Deadlines vary

www.nsf.gov/

The ESIE Division of NSF supports grant programs designed to enable all students, pre-kindergarten through grade 12, to succeed in their science, mathematics and technology studies and to increase the scientific and technological literacy of students of all ages. Programs are offered in instructional materials development, teacher enhancement, informal science education, applied research, cross-cutting areas of special interest, etc.

National Science Foundation

Research on Survey and Statistical Methodology

Deadline: Dec. 1

www.nsf.gov/cgi-bin/getpub?nsf00147

The Methodology, Measurement and Statistics (MMS) program in the Division of Social and Economic Sciences invites research proposals that further the development of new and innovative approaches to surveys and to the analysis of survey data. Priority will be given to basic research proposals that are interdisciplinary in nature, have broad implications for the field in general and have the greatest potential for creating fundamental knowledge of value to the Federal Statistical System.

Calendar

October

Through Oct. 20 Theodore Waddell exhibit, "15 Years of Prints," Memorial Union Gallery

Through Oct. 21 James Falck Exhibition, Reineke Visual Arts Gallery

11 Chemistry—Gordon Gribble, Dartmouth College, "Chlorine: Element from Hell or Gift from God? - Nature's Amazing Role in the Organohalogen Controversy," 10 a.m., Biosciences Research Laboratory, large conference room

12 Chemistry—Mary Ann Tucker, vice president and associate general counsel, B.F. Goodrich, "Technology, Patents and Prozac: The Thrill of Victory, the Depression of Defeat," 3:45 p.m., Dunbar 152

12 Entomology—Mike Christoffers, "Herbicide Resistance in Weeds," 1 p.m., Hultz 272

13 Reception for Theodore Waddell, 4-6 p.m., Memorial Union Gallery

13 Psychology—Stacey Benson, Southeast Human Service Center, Fargo, "Recidivism Rates of Sexual Offenders," 3:30 p.m., Minard 209

13 Plant Sciences—Ian Edwards, "Plant Breeding in the 21st Century: GMO's and Their Impact," 3:30 p.m., Loftsgard 114

13 Animal and Range Sciences—Chainarong Navanukraw, graduate student, "Synchronization of Ovulation in Lactating Dairy Cows Using Modified Protocols of Ovsynch," 3-3:50 p.m., Hultz 104

13 Pharmaceutical Sciences—Sumeet Rastogi, graduate student, "Fourier Transform Infrared Spectroscopy," 9 a.m., Sudro 205

13 Blue Key Homecoming Show, 7:30 p.m., Festival Concert Hall

13-15 Homecoming, Fine Arts Reunion

14 Soccer vs. Augustana College, 11 a.m., Ellig Sports Complex

14 Homecoming football game vs. South Dakota State, 1:30 p.m., Fargodome

14 Reception for James Falck exhibition, 5-6 p.m., Reineke Visual Arts Gallery

15 Soccer vs. South Dakota State, 1 p.m., Ellig Sports Complex

15-16 High school choral festival, Festival Concert Hall

16 Fall choral concert, 7:30 p.m., Festival Concert Hall

17 Free NDSU staff preview night of Little Country Theatre's "A Funny Thing Happened on the Way to the Wedding," 7:30 p.m., Askanase Auditorium

17 Science, Religion and Lunch Seminar—John Helgeland, "Contemporary Religious Studies Looks at Evolution," noon, Memorial Union 365

17 Chemistry—Robert Tucker, The Tucker Group, LLC, Brownsburg, Ind., "An Overview of Metallic and Ceramic Coatings," 3:45 p.m., Dunbar 152

17 Campus attractions presents Arun Ghandi, 7:30 p.m., Festival Concert Hall

17-18 TIAA-CREF representative on campus for personal consultation; call 1-800-842-2009 to schedule a one-on-one appointment; ask for Liz

18-22 Little Country Theatre production, "A Funny Thing Happened on the Way to the Wedding," Wednesday–Saturday, 8 p.m.; Sunday, 2 p.m., Askanase Auditorium; for tickets, call the Division of Fine Arts Box Office at 1-9442

- 19 Preconference Workshop on BVP's and Oscillation Theory for Differential Equations on Measure Chains, 10 a.m., NDSU Alumni Center
- 19 Chemistry—George O'Doherty, University of Minnesota, is scheduled to present a seminar at 3:45 p.m. in Dunbar 152
- 19 Jazz Ensembles concert, 7:30 p.m., Festival Concert Hall
- 20 Psychology—Amy Wenzel, University of North Dakota, "An Evaluation of Schema-Based Models of Information Processing in Anxiety Disorders," 3:30 p.m., Minard 209
- 20 Plant Sciences—Malay Chandan Saha, "Markers: The Trend from Classical to Molecular," 3:30 p.m., Loftsgard 114
- 20-21 Midwest Differential Equations Conference, Concordia College
- 23-Nov. 16 Linda Olson exhibit, "North American Rock Art," Memorial Union Gallery
- 24 Volleyball vs. UND, 7 p.m., Bentson Bunker Fieldhouse
- 24-Nov. 18 Dean Adams and Shannon Williams ceramics exhibition, Reineke Visual Arts Gallery
- 27 Volleyball vs. University of South Dakota, 7 p.m., Bentson Bunker Fieldhouse
- 27 Psychology—Mark A. Lau, Centre for Addiction and Mental Health, University of Toronto, "Inhibitory Deficits for Negative Information in Major Depression," 3:30 p.m., Minard 209
- 27 Plant Sciences—Brad Bronning, "Management of Insect Resistance to Bt crops," 3:30 p.m., Loftsgard 114
- 28 Volleyball vs. Morningside College, 7 p.m., Bentson Bunker Fieldhouse
- 28 Musical theatre dance workshop, 9:30 a.m., location to be announced
- 28 Jazz Combos concert, 7:30 p.m., Beckwith Recital Hall
- 30 Advising week begins for Spring 2001 semester
- 31 Science, Religion and Lunch Seminar—Lynn Rust, "Swapping genes: Mechanisms of bacterial evolution Part 1," noon, Memorial Union 365
- 2 Chemistry—Yuan-Ping Pang, Mayo Clinic Cancer Center, department of molecular pharmacology and experimental therapeutics, "Structure-Based Approach to Farnesyltransferase Inhibitors," 3:45 p.m., Dunbar 152
- 3 Psychology—Holly Hegstad, Southeast Human Service Center, Fargo, "Resource Loss as a Predictor of Post-disaster Distress," 3:30 p.m., Minard 209
- 3 Plant Sciences—Ken Lamb, "Control of Fusarium with Fungicides in Wheat and Barley," 3:30 p.m., Loftsgard 114
- 4 Harvest Bowl football game vs. University of Northern Colorado, 1:30 p.m., Fargodome
- 4-5 A Bach celebration, "The St. John Passion," 7:30 p.m., Festival Concert Hall
- 6 Spring semester registration begins
- 9 Chemistry—Lisa Rosenberg, University of Manitoba, "What Can You and Your Transition Metal Catalyst Do for Each Other? Synthetic Targets in Organophosphorus and Organosilicon Chemistry," 3:45 p.m., Dunbar 152
- 10 Veterans Day holiday, university closed
- 10 Volleyball vs. University of Northern Colorado, 7 p.m., Bentson Bunker Fieldhouse
- 10 Faculty recital, Andrew Froelich, piano, 7:30 p.m., Beckwith Recital Hall
- 11 Volleyball vs. University of Nebraska-Omaha, 4 p.m., Bentson Bunker Fieldhouse
- 11 Football vs. Morningside College, 7 p.m., Fargodome
- 12 Gold Star marching band concert, 2 p.m., Festival Concert Hall
- 13 Woodwind chamber night, 7:30 p.m., Beckwith Recital Hall
- 14 Free NDSU staff preview night of Little Country Theatre's "How I Learned to Drive," 7:30 p.m., Askanase Auditorium
- 14 Science, Religion and Lunch Seminar—Lynn Rust, "Swapping genes: Mechanisms of bacterial evolution Part 2," noon, Memorial Union 365
- 14 Chemistry—Alok Singh, Naval Research Laboratory, Washington, D.C., "Supramolecular Assemblies: Formation, Stabilization, and Applications," 3:45 p.m., Dunbar 152

November

Through Nov. 16 Linda Olson exhibit, "North American Rock Art," Memorial Union Gallery

14-17 Linda Olson, PEARS visiting artist, Art building (Printmaking room)

15-19 Little Country Theatre production, "How I Learned to Drive," Wednesday–Saturday, 8 p.m.; Sunday, 2 p.m., Askans Auditorium; for tickets, call the Division of Fine Arts Box Office at 1-9442

17 Reception for NDSU Juried Student Art Exhibition, 4-6 p.m., Memorial Union Gallery

17 Psychology—Verlin Hinsz and Joy Fairbanks, "The Psychology of Women's Hair: Length and Color," 3:30 p.m., Minard 209

17 Plant Sciences—Marcus Jackson, "Extension Forestry in North Dakota," 3:30 p.m., Loftsgard 114

20-Dec. 2 Khara McIntosh, Baccalaureate exhibition, 7-8 p.m., Reineke Visual Art Gallery

20-Dec. 21 NDSU Juried Student Art Exhibition, Memorial Union Gallery

23 Thanksgiving Day, university closed

28 Science, Religion and Lunch Seminar, Doug Kurtze, "Evidence for the Big Bang Part 1," noon, Memorial Union 365

28-30 TIAA-CREF representative on campus for personal consultation; call 1-800-842-2009 to schedule a one-on-one appointment; ask for Liz

30-Dec. 3 26th Annual Madrigal Dinners, 6:30 p.m., Festival Concert Hall, Grand lobby

December

Through Dec. 21 NDSU Juried Student Art Exhibition, Memorial Union Gallery

1 Plant Sciences—Gioconda Garcia, "Plant Physiology: A Bridge between Molecular Biology and Plant Breeding," 3:30 p.m., Loftsgard 114

4-17 Brant Hagen, Baccalaureate exhibition, 6:30-7:30 p.m., Reineke Visual Arts Gallery

5 Chemistry—Robert Hausinger, Michigan State University, is scheduled to present a seminar at 3:45 p.m. in Dunbar 152

8 Johnsmith concert, 7:30 p.m., Memorial Union Gallery; \$6 general admission tickets available at Memorial Union ticket office

8 Plant Sciences—James Anderson, "A Genomics Approach to Investigating Bud Dormancy and Developmental Regulation in Leafy Spurge," 3:30 p.m., Loftsgard 114

University Relations
North Dakota State University
PO Box 5167
Fargo, ND 58105