OCT. 5 - 15, 2006

SCOPE is a twice-weekly newsletter for the New Mexico Tech community, provided as a service by the Office for Advancement.

Thursday, Oct. 5

Second Anniversary: of the Great Socorro Hailstorm. Give an ice cube to someone you love.

Geoscience Seminar: 4 p.m., MSEC 101. Glenn Spinelli of New Mexico Tech speaks on "Sediment strength and deformation affected by opal cementation in Nankai Trough" Sponsored by Earth and Environmental Science Dept. and NM Bureau of Geology and Mineral Resources.

Programming with Python: 4 p.m., Weir 128. Today: "Functions; input/output; import and modules"

Chemistry Seminar: 4:30 p.m., Jones Annex 101. Premchendar Nandhikonda, Dept. of Chemistry, speaks on "Environment-Sensitive Fluorophores and their Biological Applications."

SACNAS Student Chapter meeting: 6 p.m., MSEC 105. SACNAS = Society for Advancement of Chicanos and Native Americans in Science. New members welcome. Meets biweekly.

Intro to XML: 5:30 p.m., MSEC 187. Today: "XSLT I: translating XML to Web form"

Candidates' Forum: 6:30 p.m., Macey Center. Your chance to ask tough questions of the candidates for national, state and county offices. Attending will be candidates for Lieutenant Governor, 2nd Congressional District, Attorney General, Secretary of State, Land Commissioner, Public Regulation Commission, Assessor, Sheriff, and County Commissioners for Districts 1 and 3. Sponsored by American Association of University Women and New Mexico Tech.

Library Lecture Series: 7 p.m., Tripp Room, Skeen Library. In celebration of the 50th anniversary of NRAO, Skeen Library presents the second of three lectures. Dr. Mark Adams speaks on "Looking Into the Future of the VLA." Free. Light refreshments.
Swing Dance: 8 to 10 p.m., SAC. Sponsored by New Mexico Tech Ballroom Dance Club. Not limited to swing dancing. If you want a special song or style please bring a CD for us to play. Open to everyone; includes short lesson, if requested.

Friday, Oct. 6


Blood Drive: all day, SAC. To sign up for an appointment, go to http://externalweb.nmt.edu/reslife/. Sponsored by Residential Life.

Management 101 Seminar: noon, MSEC 101. Speaker: Garrey Carruthers, former Governor of New Mexico, and Dean of NMSU College of Business. Everyone invited.

Mathematics Seminar: 4 p.m., Weir 209. Josef Brown of New Mexico Tech speaks on "Developing a Model for Predicting the Spread of a Vector-Borne Disease."

Jansky Lecture: SORRY, this has been cancelled!

Saturday, Oct. 7


Trinity Site Open House: Tour and Shuttle information: 505-479-6124, or 505-835-8927. See http://www.socorro-nm.com/trinity.htm

VLA Open House: all day, VLA site, about 50 miles west of Socorro. http://www.vla.nrao.edu/genpub/tours/

Shuttles to Trinity Site and VLA: The Socorro Chamber of Commerce cordially invites NM Tech students to ride their shuttles to both open houses for $10 per event. Departure for Trinity Site at 8 a.m. Departure for VLA at 12:30 p.m. Vans depart from Chamber of Commerce on the historic Plaza. Water and snack provided.

Chile Proppers Model Aircraft Fly

OctoberFest: all day, Hammel Museum, south of WalMart. Music, food, fun

Soccer Match: 11 a.m., Tech Athletic Field. Tech Miners vs. New Mexico State.
Conference match.

**Rugby Tournament:** Flagstaff. Tech Pygmies participate in Northern Arizona Tens

**SA Star Party:** after dark, Etscorn Campus Observatory. Open to all, but Tech students especially invited.

**Sunday, Oct. 8**


**Monday, Oct. 9**

**National Holiday:** Columbus Day. Federal and state offices and banks closed. New Mexico Tech offices open and classes in session.

**Hydrology Seminar:** 3:30 p.m., MSEC 103. David Jordan of Intera, Inc., speaks on "Water resources supply decision support system for Santa Fe County."

**3-Cushion Billiards tournament:** entry deadline is 5:30 p.m., Game Room, Fidel Center. Will run every weeknight through Nov. 3. Open to students, faculty, staff, and Tech affiliates. More information on the tournament can be found at "http://www.nmt.edu/~billiard/tournaments/index.html", or in the Fidel game room.

**Tuesday, Oct. 10**

**International Powers of Ten Day:** Have an exponentially good day! See http://www.powersof10.com/.

**Career Services Event:** 6:30-7:30 p.m., Tripp Room, Baker Hughes Information Session. For more information, contact Career Services at 835-5780.

**Wednesday, Oct. 11**

**Midsemester**

**Career Services Event:** Baker Hughes Interviews. Career Services/Student Affairs, Fidel Center. For more information, contact Career Services at 835-5780.

**Materials 467 Seminar:** 2 p.m., Jones 106. Dr. D. Duchane of Los Alamos
National Laboratory speaks on "Putting Hot Dry Rock to Work in New Mexico." Everyone welcome.

**Intro to XML:** 4 p.m., MSEC 187. Today: "XSLT II: XPath and basic XSLT"

**Programming with Python:** 5:30 p.m., Weir 128. Today: "Exceptions; list comprehensions; iterators"

**Thursday, Oct. 12**

**NRAO Colloquium:** 1:15 p.m., AOC. Lyman Page, Princeton Univ., speaks on "Recent Results from the Wilkinson Microwave Anisotropy Probe."

**Geoscience Seminar:** 4 p.m., MSEC 101. Amanda Clarke of Arizona State Univ. speaks on "Volcanology." Sponsored by Earth and Environmental Science Dept. and NM Bureau of Geology and Mineral Resources.

**Programming with Python:** 4 p.m., Weir 128. Today: "Exceptions; list comprehensions; iterators"

**Chemistry Seminar:** 4:30 p.m., Jones Annex 101. Liliana Lopez-Aquilar, Dept. of Chemistry, "Carbonyls and Organic Acids Emissions in Central New Mexico."

**Intro to XML:** 5:30 p.m., MSEC 187. Today: "XSLT II: XPath and basic XSLT"

**Swing Dance:** 8 to 10 p.m., SAC. Sponsored by New Mexico Tech Ballroom Dance Club. Not limited to swing dancing. If you want a special song or style please bring a CD for us to play. Open to everyone; includes short lesson, if requested.

**Friday, Oct. 13**

**NRAO Colloquium:** 11 a.m., AOC. Jack Burns, U. Colorado, speaks on "Simulating the Universe: Giant Light Cones And Cool Cores"

**Management Seminar:** noon, Speare 113. Robert Kaplar of Sandia National Labs speaks on "The economics of reliability testing."

**Mathematics Seminar:** 4 p.m., Weir 209. Rakhim Aitbayev speaks.

**Saturday, Oct. 14**

**Sevilleta & LaJoya Open House:** all day, Sevilleta National Wildlife Refuge. About 20 miles north of Socorro. See http://www.fws.gov/southwest/refuges/newmex/sevilleta/ for more information.
For events further in the future, see the New Mexico Tech Calendar, http://infohost.nmt.edu/mainpage/calendar/mastercal.html

SCOPE Notices

NEWS:

--Bush Signs Funding Bill, including NMT projects, http://infohost.nmt.edu/mainpage/news/2006/3oct01.html

--Miners Win One, Lose One in Durango http://infohost.nmt.edu/mainpage/sports/s2006/29sept01.html


SIGN UP FOR BILLIARDS TOURNAMENT:

--A sign-up sheet for the NMT qualifier to the regional ACUI 9-ball tournament is posted in the Gameroom, Fidel Center. Sponsored by Billy-Aards Club. The tournament starts on November 11; entry deadline is November 7 at 6 p.m. More information on that tournament is also available at http://www.nmt.edu/~billiard/tournaments/index.html, or in the Fidel game room.

KUDOS TO MECHANICAL ENGR. UNDERGRADS:

--The scientific paper "An Automated Tape Application System for Composite Autoclave Bagging Operations" by Jordan Warton, Dan Homan and Jonathan Berg, undergraduates from the Mechanical Engineering Department at New Mexico Tech has been accepted for publication in the prestigious International Journal of Manufacturing and Science. This paper was based on work conducted on a research project sponsored by GE Transportation's Aircraft Engine Division. This research project was completed as part of a Design Clinic class directed by Dr. Warren Ostergren, Associate Professor in the Mechanical Engineering Department.

WILKENING FUND:
--New Mexico Tech seeks to honor the late Prof. Marvin H. Wilkening by the Marvin H. Wilkening Endowed Faculty Chair in Physics. When full funding is reached, this endowment will be devoted to supporting an eminent scholar and furthering New Mexico Tech's position of leadership in physics education and research. Gifts will be matched by available State of New Mexico faculty endowment funds.

--Persons wishing to contribute should please make the check out to New Mexico Tech and write "Wilkening Professorship" in the memo line of the check. Contributions may be sent to:

New Mexico Tech
Attn: Cheryl Pulaski, Director for Advancement
801 Leroy Place
Socorro, N.M. 87801.

For additional information, please contact Cheryl Pulaski at 505-835-5525.

**FLU SHOTS:**

--The Student Health Center is offering flu shots to for students and their dependents who have registered for Student Health services. The fee for the flu vaccine is $10. The Health Center is sorry, but it is not offering flu shots to non-students this year.

**CHEMISTRY SYMPOSIUM:**

--The 10th Annual Chemistry Symposium is set for Friday, Oct. 27. Schedule at http://infohost.nmt.edu/mainpage/events/chemsym.html

--Registration form is at http://infohost.nmt.edu/mainpage/events/regchemsym.pdf

**FACILITIES MANAGEMENT CONSTRUCTION UPDATE:**

--Updated September 19, 2006.

--Drawings of proposed landscaping for the area north of Fidel Center are online at http://infohost.nmt.edu/mainpage/events/landscaping.html. Comments are invited.

Planning Projects:

- north Fidel Landscape Plan, which will include a space for the Desert Maiden sculpture and a fire lane.
• Cramer Landscape Plan.
• West Hall Landscape Plan.
• Driscoll Hall skylight

In Progress:

• Electrical Upgrade Plan.
• Fidel Student Center paving will begin on 9/21/06. The project will add handicap parking spaces.

49ERS PARADE:

--Join the 49ers parade on Saturday, Oct. 22. Entries are invited in the areas of floats, vehicles, bands, horses and burros, and New Mexico Tech. Awards will be given to the top three entries in each category, and a Grand Award will be given to Best Entry. Theme is "It's all about 49ers." Line-up at 10 a.m.; parade at 11 a.m. Sign-up form at http://infohost.nmt.edu/mainpage/events/2006parade.pdf.

INTERNATIONAL FLAGS:

--The international flags flying in front of Fidel Center represent various countries whose students attend New Mexico Tech. The United States and New Mexico flags fly daily in front of Brown Hall.


MINERS’ INK SUBMISSIONS:

--Miners’ Ink, the student-run literary and art magazine, invites submissions from students, faculty, and staff. Our next deadline is Oct. 18. We accept

• Fiction (not to exceed maximum of 5 pages in length)
• Nonfiction
• Short Poetry and Prose
• Short Stories
• Sketches and Drawings
• Black and White Photography

PAYDIRT DEADLINES:

- Oct. 13, for Oct. 18 issue (pre-49ers)
- Oct. 22, for Oct. 27 issue
- Oct. 31, for Nov. 7 issue
- Nov. 13, for Nov. 21 issue
- Nov. 27, for Dec. 4 issue

REGISTRAR'S OFFICE (FIDEL SECOND FLOOR:)

Important Academic Dates:

Wednesday, Oct. 11: Midsemester

Friday, Oct. 20: 49ers Celebration. Academic Holiday

Tuesday, Oct. 31: Grade Option Deadline Last day to choose audit, S/U, or withdrawal with a W on your transcript

Nov. 23 and 24: Thanksgiving break


Thurs., Dec. 14: Last day of finals

Friday, Dec. 15: End of Semester: Residence Halls close

GRADUATING SENIORS:

- If you plan to graduate in December 2006, you must file an "Intent to Graduate" form with the Registrar's Office, Fidel 2nd floor.
- Please check your name and degree on the list http://infohost.nmt.edu/mainpage/commencement/c2007/dec2006grads.pdf. This represents how your information will be printed on your diploma. If you wish to make changes, please notify the Registrar's Office
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  --Questions concerning academic policies, degrees, grades, etc. are welcome at our office. Come by and see us.

**JOB OPENINGS AT TECH:**

Full descriptions of job openings are available at Job Openings, http://externalweb.nmt.edu/hr/. New Mexico Tech is an Equal Opportunity/Affirmative Action Institution.

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