

[Reminder: Take the New Mexico Tech Customer Service Survey! Ends Saturday, Nov. 15.
http://www.surveymonkey.com/s.aspx?sm=tIbSZVsnILogqnr4BkXYpA_3d_3d]

November 13 - 23, 2008

Thursday, November 13

EES-Bureau Seminar: 4 p.m., MSEC 101. Sean Connell of NM Bureau of Geology and Mineral Resources speaks on "Drainage Interaction and Sedimentary Architecture in Asymmetrically Subsiding Basins using Experimental Stratigraphy."

Physics Seminar: 4 p.m., Workman 101. Dr. Joseph Galewsky of University of New Mexico speaks on "Water vapor isotopes and the large-scale circulation of the atmosphere: New results from Mauna Loa, Hawaii."

TARA Net: 7 p.m., 146.680 MHz (pl 100.0). Tech Amateur Radio Association welcomes all licensed amateurs to check in.

Expeditionary Association Club Meeting: 8 p.m., Third Floor, Fidel Center. Join the backpacking and camping club of Tech in deciding trips and events to hold both on and off campus.

Swing Dance: 8 - 10 p.m., SAC. 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. Sponsored by the New Mexico Tech Ballroom Dance Club.

Friday, November 14

NRAO Colloquium: 11 a.m., AOC. Joan Wrobel, NRAO-Socorro, speaks on "Massive Black Holes in Quiescence"

Math Seminar: 4 p.m., Weir 102. Yuncheng You speaks on "Global Dynamics of Cubic Autocatalytic Reaction-Diffusion Systems."

TCCM and Reception for Jorge Cham: 5:30 p.m., Macey Center. Reception for Jorge Cham of Ph.D. Comics. This is a special Club Macey event, at which no alcohol will be served. ALL students welcome, regardless of age!

The Power of Procrastination: 7:30 p.m., Macey Center. Jorge Cham of Ph.D. Comics speaks on bringing humor to stressed-out academics and on procrastination. Sponsored by GSA. Free.

Black Light Pool: 7 to 11 p.m., Game Room, Fidel Center.

Saturday, November 15

5 K Run: 9 a.m., meet at the Snake, near EMRTC. Part of Socorro Striders and Riders Fall Running Series. Entry fee is \$5 for series of four races. Runners who compete in at least two of the four races will be eligible to win the series championship (\$25 prize) in their age division (10 year increments for male and female). Last race this semester.

El Camino Real Lecture Series: 11 a.m., El Camino Real Heritage Center, 30 miles south of Socorro on I-25. Well-known archeologist and Camino Real scholar, Michael Marshall will discuss the Jornada del Muerto section of the trail, one of the dangerous "forced marches" through areas without water or forage.

Straight Pool Tournament: 4 to 10 p.m., Game Room, Fidel. Classic pool tournament, A, B, and C divisions.

Monday, November 17

International Lunch: 11:30 a.m. - 2 p.m., Fidel Dining Hall. In honor of International Week, Chartwells presents a special lunch featuring Chinese New Year foods.

Carino Toy and Resource Library: 3 to 5 p.m. NMT Children's Center. Any families living in Socorro County may check out age and developmentally appropriate toys, books, cds and other materials for free and keep them for a month.

Hydrology Seminar: 3:30 p.m., MSEC 101. Amanda White of Los Alamos National Laboratory, speaks on "Vegetation Variability and its Hydro-Climatologic Dependence"

Biology Seminar: 4 p.m., MSEC 105. Debra Ponds, NMT, speaks on "From Outer to Enter Space" - constructing a cell culture system for the robust production of the hepatitis C virus."

Air Rifle Practice: 5:30 - 7 p.m., Gym Basement. Air rifles, pellets and targets will be provided.

Tuesday, November 18

Festival of the Cranes: Events related to return of migratory birds to Bosque del Apache. Some events in Macey Center, including art show and public talks. Arts and Crafts Fair in town. For details, see <http://www.friendsofthebosque.org/crane/>

International Lunch: 11:30 a.m. - 2 p.m., Fidel Dining Hall. In honor of International Week, Chartwells presents a special lunch featuring Mexican foods.

Mechanical Engineering Seminar: 2 p.m., Workman 101. Greg Tipton of Sandia National Laboratories speaks on "Computational Methods for Fluid-Solid Interaction under Shock Wave Loading."

Advanced Python Applications: 4 p.m., Speare 116. Open discussion of Python programming tools and methods. Free.

Programming with Python: 5:30 p.m., MSEC 187. Introduction to programming in the

Python language. Free class. Today: Exceptions; list comprehensions; iterators

Wednesday, November 19

Festival of the Cranes: Events related to return of migratory birds to Bosque del Apache. Some events in Macey Center, including art show and public talks. Arts and Crafts Fair in town. For details, see <http://www.friendsofthebosque.org/crane/>

International Lunch: 11:30 a.m. - 2 p.m., Fidel Dining Hall. In honor of International Week, Chartwells presents a special lunch featuring Middle Eastern cuisine.

Master's Thesis Defense: 3 p.m., Workman 101. Joshua Shapiro, graduate student in electrical engineering defends his thesis: "A Smart Instrument for Characterization and Control of a Diode Pumped Alkali Laser Pump Source."

Programming with Python: 4 p.m., Speare 116. Introduction to programming in the Python language. Free class. Today: Exceptions; list comprehensions; iterators

Advanced Python Applications: 5:30-6:20 p.m., Speare 116. Open discussion of Python programming tools and methods. Free.

Thursday, November 20

Festival of the Cranes: Events related to return of migratory birds to Bosque del Apache. Some events in Macey Center, including art show and public talks. Arts and Crafts Fair in town. For details, see <http://www.friendsofthebosque.org/crane/>

International Lunch: 11:30 a.m. - 2 p.m., Fidel Dining Hall. In honor of International Week, Chartwells presents a special lunch featuring regional dishes from Italy.

Open House, Student Affairs: 1 - 4 p.m., 2nd floor of Fidel, northwest corner. Everyone's invited!

IRIS/PASSCAL Open House: 4 - 7 p.m., PASSCAL building. It's the 10th anniversary of IRIS/PASSCAL! Everyone's invited to enjoy seismology tours, hors d'oeuvres, music by Bernie Romero and Friends, and more. IRIS/PASSCAL installs and maintains seismological equipment all over the world, for the use of geophysical researchers.

Speech Competition: 5 p.m., Jones Annex 101. Sponsored by Citizens' Alliance for Responsible Energy (CARE), with a top prize of \$1000. The top two winners from NMT have the opportunity to compete at the finals, which will be held at NMT, on Dec. 2nd at 5 p.m. (location TBD). Participants at the finals will compete against UNM and NMSU students and stand to win \$5000. Speeches must be 20 minutes long and related to responsible energy use. See CARE website for details: www.responsibleenergy.org/speaker_bureau.asp. Students who plan to compete on need to send an email in advance to Marita Noon.

TARA Net: 7 p.m., 146.680 MHz (pl 100.0). Tech Amateur Radio Association welcomes all licensed amateurs to check in.

Keynote Speaker, Festival of Cranes: 8 p.m., Macey Center. Dr. Penelope Boston of New Mexico Tech speaks on "Mysteries of the Ft. Stanton Cave and Snowy River." She will present the amazing animals and geomicroorganisms that inhabit or visit cave systems, including those that live in Ft. Stanton Cave and Snowy River. She will discuss the critical nutrient and water connections between surface and subsurface ecosystems and the vital role that caves play in the natural world. Tickets \$5.

Swing Dance: 8 - 10 p.m., SAC. 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. Sponsored by the New Mexico Tech Ballroom Dance Club.

Friday, November 21

Festival of the Cranes: Events related to return of migratory birds to Bosque del Apache. Some events in Macey Center, including art show and public talks. Arts and Crafts Fair in town. For details, see <http://www.friendsofthebosque.org/crane/>

Employee Appreciation Day: Tech Bookstore. Tech employees receive 20 percent discount on all purchases except textbooks, software and sundries (candy, soda, beauty aids, etc.)

Master's Thesis Defense: 9 a.m., MSEC 105. Shasta Marrero, graduate student in Earth sciences, defends her thesis "Chlorine-36 Production Rate Calibration using Shorelines from Pleistocene Lake Bonneville, Utah."

NRAO Colloquium: 11 a.m., AOC. Tony Minter, NRAO-Green Bank, speaks on "Pulsar Absorption Measurements: Determining Structures on AU to Galactic Size Scales."

International Lunch: 11:30 a.m. - 2 p.m., Fidel Dining Hall. In honor of International Week, Chartwells presents "A Taste of India."

Chemistry Seminar: noon, MSEC 103. Prof. Andrei Yudin, Univ. of Toronto, speaks.

5 K Wellness Walk/Run: noontime. Tech Gym. Tech Gym sponsors this 5K event on the last Friday of every month. Walkers start at 12:05 and runners start at 12:15 p.m. Open to students, faculty, staff, and all members of Tech community. Participate in all three 5K events this fall semester and you will receive an incentive.

Math Seminar: 4 p.m., Weir 102. Bixiang Wang speaks on "Introduction to Non-Autonomous Dynamical Systems."

TCCM: 5:30 p.m., Macey Center. Theme: "Tango Tastes." Members, no cover. Non-members, \$5. TCCM is a social club for those 21 and over.

Rhythm and Passion: 7:30 p.m., Macey Center. Sexy salsa, sensual tango, explosive gaucho. Performing Arts Series. FREE to NMT students showing full-time ID.

\$14/adults; \$12/seniors; \$10/youth. <http://www.nmt.edu/mainpage/pas/rhythm.html>

Black Light Pool: 7 to 11 p.m., Game Room, Fidel Center.

Saturday, November 22

Festival of the Cranes: Events related to return of migratory birds to Bosque del Apache. Some events in Macey Center, including art show and public talks. Arts and Crafts Fair in town. For details, see <http://www.friendsofthebosque.org/crane/>

Global Village Day: noon - 3 p.m., East Gym. Part of International Week. Everyone's invited!

Magic, Pre-Constructed Tournament: 2 p.m. to midnight, Game Room, Fidel Center. FREE to NMT students.

Keynote Speaker, Festival of Cranes: 8 p.m., Macey Center. Dr. Peter Raven speaks on "How Many Species Will Survive the 21st Century?" Rates of extinction are increasing. Dr. Raven will discuss reasons, implications, and possible actions. Tickets \$5.

Monday, November 24

GSA Meeting: 12:15 p.m., Tripp Room, Skeen Library. The Graduate Student Association represents graduate student interests on campus. Please attend with your questions or concerns about graduate student issues. Please talk with your department about becoming an official representative. Lunch provided.

Dissertation Defense: 3 p.m., Workman 109. Gaopeng Lu, graduate student in physics defends his dissertation "Analysis of Charge Transfer in Intracloud Lightning using a Time-Dependent Multi-Dipole Model"

Biology Seminar: 4 p.m., MSEC 105. Dr. Michaelann Tartis, NMT department of chemical engineering, speaks on "Targeted Drug Delivery with Ultrasound," a novel method for combining ultrasound energy, ultrasound contrast agents, and molecular imaging strategies to achieve the design of an effective drug delivery strategy.

Air Rifle Practice: 5:30 - 7 p.m., Gym Basement. Air rifles, pellets and targets will be provided.

SCOPE Notices

NEWS:

--Tech Taking Steps To Address Pending Budget Woes,

<http://www.nmt.edu/mainpage/regents/08nov12.html>

--Tech Researchers Secure Grant to Clean Oilfield Water,

<http://www.nmt.edu/mainpage/news/2008/12nov01.html>

--YOUUniversity dot com Visits New Mexico Tech,

<http://www.nmt.edu/mainpage/news/2008/10nov01.html>

--Tech Honors Retiring Deputy Director of EMRTC, Rudy Correa,
<http://www.nmt.edu/mainpage/news/2008/7nov01.html>

--IRIS-PASSCAL Celebrates 10 Years,
<http://www.nmt.edu/mainpage/news/2008/5nov01.html>

STUDENT ASSOCIATION GENERAL ELECTION:

--The NMT Student Association general senator election is set to take place on Wednesday, Nov. 26, in Fidel Center. If you wish to be a candidate for senator, the forms can be picked up in Fidel Center on the SA offices door, and are to be returned to the SA by Sunday, Nov. 23, at 5 p.m.

FOURTH ANNUAL GINGERBREAD HOUSE CONTEST:

--Bring your entry to Fidel Center on December 15th by 6:30 p.m. No entry fee! Win great prizes in 3 age categories: 12 and under; 13 - 17; and 18 and over.

Rules

- Any architectural structure - real or imaginary is eligible for entry (i.e. house, train station, bridge, ship, lighthouse, spaceship).
- Major components (such as walls and roofs) constructed of gingerbread (not graham crackers, cookies, etc., with the exception of the category for children 12 and under).
- All parts must be edible. For example, no wire support, wrapped candies must be unwrapped; contestants may not use lollipops with paper or plastic stems etc.
- You may add electric lighting to your entry.
- Entry must have been constructed in 2008.
- Entries will be judged on originality, overall appearance, choice and use of materials and difficulty of design.
- Entry, no higher than 26" H. must be attached to a plywood base no larger than 18"x24". Base surface (but not the sides) must be concealed with an edible product.
- Limit of one prize per contestant.

All entries must be delivered to Fidel Center between 1 pm and 6:30 pm on December 15th ONLY. Judging will take place on Tuesday, December 17th. The entries will be on display at Fidel Center from December 15 —19. Entries must be picked up on December 20 by 3 pm. Any entry not picked up will be donated for distribution by The StoreHouse to area families. Entries cannot be sold or raffled except for an approved charity.

SoLLVE VAN HAS OPENINGS:

-SoLLVE your commuting problems. SoLLVE has openings for riders traveling between Los Lunas-Belen and Socorro. Contact mce at kestrel.nmt.edu for more information.

FLAGS IN FRONT OF FIDEL:

--The flags in front of Fidel Center represent countries which have students attending New Mexico Tech. The U.S. and state flags fly in front of Brown Hall. Nov. 3 - Nov. 16: Nepal, Netherlands, Nicaragua, Nigeria, Norway, and Pakistan. Nov. 17 - Nov. 30: Peru, Philippines, Poland, Portugal, Romania, and Russia.

FACILITIES MANAGEMENT CONSTRUCTION PROJECTS:

- **Chiller water system upgrade:** trenching between Jones Annex and NRAO Building. Road closure on Nov 15-16.
- **Fidel Center**, landscaping on south and east sides; completion of third floor, in progress
- **Kelly Petroleum Building**, construction in progress; south entrance closed.
- **La Raj Patio**, demolition in progress; construction to be completed by Spring 2009
- **Jones Hall Reconstruction**, in progress.

REGISTRAR'S OFFICE:

--If you plan to graduate in December 2008, your name and degree should appear on the list at <http://www.nmt.edu/mainpage/commencement/c2009/2008decgrads.pdf>. This is how your information will appear on your diploma. If you wish something changed, see the Registrar's Office.

--If you are not on the list and wish to be, see the Registrar's Office.

Important Academic Dates:

Thursday, Nov. 27: **Thanksgiving holiday**

Friday, Nov. 28: **Academic and staff holiday**

Dec. 1 - 5: **Registration for Spring 2009:** Monday, Graduate students and Tech Scholars; Tuesday, seniors; Wednesday, juniors; Thursday, sophomores; Friday, freshmen and special students. May register online at Banweb or in person at the Registrar's Office, 2nd floor of Fidel.

Friday, Dec. 12: **Last day of classes**

Saturday, Dec. 13: **Finals begin.** See schedule at <http://www.nmt.edu/mainpage/registration/2008fallfinals.pdf>

Thursday, Dec. 18: **Finals end**

Monday, Jan. 19: **Registration and Validation**

Tuesday, Jan. 20: **Classes begin**

Friday, Feb. 6: **Registration closes**
Weds., March 4: **Midsemester**
March 9 - 13: **Spring Break**
Friday, April 10: **Academic and Staff Holiday**
Friday, May 8: **Last day of classes**
Saturday, May 9: **Finals begin**
Thursday, May 14: **Finals end**
Friday, May 15: **End of semester**
Saturday, May 16: **Commencement**

--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.

SCOPE is a twice-weekly newsletter for the New Mexico Tech community, provided as a service by the Public Information Office. SCOPE is generally emailed on Mondays and Thursdays during academic semesters. There is no specific deadline. Events are entered on a rolling basis as they come in.