

[It's a busy day in the neighborhood!]

Nov. 20 - Dec. 3, 2008

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/>

Research Project Writers' Workshop: 9:30 to 10:45 a.m., Speare 102. Frank Reinow, Ph.D., Visiting Assistant Professor of Management, will speak on how to prepare and present a Research Project Report to a professional audience. Particularly of interest to IT students.

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.

Master's Thesis Defense: 12:15 p.m., Workman 101. Derek Doyle, graduate student in mechanical engineering, defends his thesis "Embedded Ultrasonic's for Nondestructive Assessment of Satellite Bolted Joints and Epoxy Bonds"

Oreodont: A 10 Million Year Old Fossil: 3:30 to 5 p.m., Macey Center. Talk on a significant fossil find last winter at Bosque del Apache, presented by Dave Love, discoverer of the fossil, and Gary Morgan, paleontologist from NM Museum of Natural History and Science. Part of Festival of the Cranes. Admission \$5.

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.

Physics Seminar: 4 p.m., Workman 101. Dr. Michaela Hegglin of the University of Toronto speaks on "Toward a Global Perspective on Upper Troposphere/Lower Stratosphere Tracer Distributions"

Speech Competition: Sorry, cancelled.

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

GSA Thanksgiving Dinner and Canned Food Drive: 6:30 p.m., Ranchers Steakhouse. Come and help us celebrate! Graduate students and their families are welcome. There will also be a vegetarian main dish available. Doors open at 6 p.m.; dinner starts at 6:30 p.m. Admission: 2 canned food items or \$2. Door prizes!

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.

Rave Night: 10 p.m. to 2 a.m., SAC. "Electroeuphoria" hosted by West Hall.

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. Vannetta Perry, Project Director, Socorro Consolidated Schools, will be speaking on "The Brazilian Experience: Learning Adventures into the Brazilian Pantanal and the Amazonas" chronicling her travels and speaking on the upcoming learning experience.

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

Tuesday, November 25

Biology and MST Seminar: 4 p.m., MSEC 101. Jeffrey Bogzevitz, graduate student in Master of Science for Teachers, presents his independent study project "A Cold May Only Last Two Days but Herpes is for Life: a mini-review of the significance of dsRNA in viral infection." Public invited.

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: Numeric and scientific packages

Wednesday, November 26

General Election for Student Senate: Fidel Center. Students, be sure to vote for SA senators!

Materials 467 Seminar: 2 p.m., Jones 106. Dr. A. D. Romig, Jr. Executive Vice President and Deputy Laboratories Director, Integrated Technologies and systems, Sandia National Laboratories, speaks on "Nanotech and the Terawatt Challenge."

Programming with Python: 4 p.m., Speare 116. Introduction to programming in the Python language. Free class. Today: Numeric and scientific packages

Advanced Python Applications: 5:30-6:20 p.m., Speare 116. Open

discussion of Python programming tools and methods. Free.

Thursday, November 27

Academic and Staff Holiday

Friday, November 28

Academic and Staff Holiday

Monday, December 1

Registration for Spring 2009: Beginning today, graduate students and Tech Scholars may register online at banweb or in person at the Registrar's Office, 2nd floor of Fidel.

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.

Tuesday, December 2

Registration for Spring 2009: Beginning today, seniors may register online at banweb or in person at the Registrar's Office, 2nd floor of Fidel.

Faculty Senate Meeting: 4 p.m., Workman 101.

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: The Tkinter graphical user interface, part I

Wednesday, December 3

Registration for Spring 2009: Beginning today, juniors may register online at banweb or in person at the Registrar's Office, 2nd floor of Fidel.

HR Training: 1099 Seminar: 1:30 to 3:30 p.m., Tripp Room, Skeen Library. Barbara Sanchez will discuss regulations for contracting with independent contractors. To enroll, please call Human Resources.

Programming with Python: 4 p.m., Speare 116. Introduction to programming in the Python language. Free class. Today: The Tkinter graphical user interface, part I

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

Miners' Ink Presents "OTF": 7 p.m., Fidel Fire and Ice Cafe. Our Talented Friends are invited to come sing, dance, perform, recite a poem, read a short story, etc.

SCOPE Notices

NEWS:

--Cave and Karst Institute Sets Ground-Breaking Ceremony,
<http://www.nmt.edu/mainpage/news/2008/17nov01.html>

--New Research Facility to Include Unique, Built-In Bat Roost
<http://www.nmt.edu/mainpage/news/2008/19nov01.html>

--Enrollment on the Rise at New Mexico Tech,
<http://www.nmt.edu/mainpage/regents/08nov17.html>

--Science Fiction Writer Talks to Space Being from Tech,
<http://www.nmt.edu/mainpage/news/2008/13nov01.html>

--Tech Taking Steps To Address Pending Budget Woes,
<http://www.nmt.edu/mainpage/regents/08nov12.html>

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

KUDOS:

--Congratulations to materials engineering student Joe Koby, who won 2nd place at the U.S. Department of Energy's Energy Research Challenge in Tennessee on November 10. Koby presented his research in the Environmental Science Category about the properties of sandstone and how oil might be extracted from oil-rich sandstone deposits. The sophomore from Espanola won \$1500, a nice vase and an oversized check!

HOUSE FOR SALE:

--1224 Apache Drive, on Faculty Hill, is for sale. Please call Campbell M. Wade at 835-3452.

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.

WINNERS OF 49ERS PARADE:

--New Mexico Tech congratulates the winners of the 49ers Parade:

Grand Award: Wile E. Coyote float, R&ED

Floats

1. Socorro Early Childhood Development
2. Capitol Bar
3. Cooney Mining Club

Vehicles

1. Judy Lovelace and the Egyptians
2. Residential Life (NMT)
3. Socorro Old Car Club

New Mexico Tech

1. Materials Engineering
2. ASME (Mechanical Engineering) (Snow White and Seven Dwarfs)

3. Student and University Relations

Horse or Burro

1. NM High School Rodeo Queen
2. Socorro County 4-H Queen's Court
3. Don Tripp, Color Guard

Bands

1. Rawhide Hillbilly Band
2. Seven Dwarfs (ASME)
3. William Torres, DJ

TCC HOTLINE:

--**Phishing for Passwords:** In recent weeks, hackers have sent out email claiming to represent NMT departments or US Banks and asked users to provide their passwords or have their accounts terminated. NEVER respond to such requests. No department at NMT would ever request you to email them your password.

--**Software for the Spring Semester:** TCC plans the following software upgrades for Spring Semester. Requests for new software that are received by December 12, 2008, will be installed at no charge. Requests received after December 12, 2008, are not guaranteed to be done and will be billed to the requestor. Added software: ActiveState language (Perl, Python, Tcl); Arc GIS 9.3, Bamboo tablet drivers; EndNote 2.0.1; Firefox/Thunderbird/SeaMonkey; GNU Gimp; Google Earth; Maple 12.01; Matlab 2008b; RealPlayer SAS 9.2; Visual Studio 2008; VLC media player; XWin32.

--**WebCT version 8:** As part of Governor Richardson's eLearning initiative, NMT will make available access to WebCT version 8 (now known as Blackboard) to pioneers willing to test the system. If you would like to teach a course and use WebCT version 8, please contact the TCC by January 20, 2009, at 835-5735 to discuss your needs. Please note that the TCC still offers access to WebCT version 6 locally.

--**Encanto Supercomputer:** NMT has received an allocation of time on the new Encanto Supercomputer located in Rio Rancho. If you would like to obtain time on the supercomputer, please contact Lorie Liebrock.

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. 17 - Nov. 30: Peru, Philippines, Poland, Portugal, Romania, and Russia.
Dec. 1 - Dec. 14: Saudi Arabia, Senegal, Singapore, Slovakia, S. Korea, and Spain.

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.