

Nov. 29 - Dec. 9, 2007

Thursday, November 29

Spring 2008 Registration: Beginning today, sophomores may register at Registrar's Office or <https://banweb7.nmt.edu>

NMT Employee Appreciation Day: Tech Bookstore, Fidel Center All NMT employees (faculty and staff) are invited to enjoy a holiday discount.

Art Show and Sale: 11 a.m. to 6 p.m., Fine Arts Buildings. Just in time for present-giving! Arts and crafts by students and instructors in Fine Arts, many for sale. Oil paintings, watercolors, drawings, photographs, jewelry, stained glass, pottery, knitting and tinwork. Refreshments.

MST Seminar: 1 p.m., Cramer 123. Laurel Nyquist, graduate student in Master of Science for Teachers, presents her Independent Study "An Integrated Physical Science Curriculum." Public invited.

Geoscience Seminar: 4 p.m., MSEC 101. Frederick Parthey of New Mexico Tech speaks on "Mechanism of Arsenic Sorption onto Laterite Iron Concentrations"

Advanced Python Applications: 4 p.m., Speare 23. Free class. Open discussion of Python programming tools and methods.

Programming with Python: 5:30 p.m., Weir 128. Free class. This week: The Tkinter graphical user interface, part I

Swing Dance Video Night: 8 - 10 p.m., SAC. Instead of the normal, excellent, DJing, we'll be doing something a little different: VJing. Stop by and enjoy 80's, 90's, and contemporary swing in an audio/video format. As always, admission is free! Sponsored by the New Mexico Tech Ballroom Dance Club.

Friday, November 30

Spring 2008 Registration: Beginning today, freshmen may register at Registrar's Office or <https://banweb7.nmt.edu>

NMT Employee Appreciation Day: Tech Bookstore, Fidel Center All NMT employees (faculty and staff) are invited to enjoy a holiday discount, plus free refreshments.

Verge Fund Speaker Series: 11 a.m., MSEC 101. Mr. Henry Fradkin, principal of Value Extraction, LLC of Dearborn, Michigan, speaks on "Extracting Value from Intellectual Assets." Mr. Fradkin is a former senior executive at Ford Motor Company. Everyone is welcome!

NRAO Colloquium: 11 a.m., AOC. Richard Rand, UNM, speaks on "The Origin of Gaseous Halos in Nearby Galaxies."

Ph.D. Dissertation Defense: 2 p.m., Jones 106. Bing Ye, Materials Engineering graduate student, defends, "Microstructure-Property Characterization and Texture Simulation of Al-Y-Ni Alloys Derived from an Amorphous Phase."

Math Seminar: 4 p.m., Weir 102. Christine M. Anderson-Cook speaks on "The Challenge of Collecting the Right Data for a Designed Experiment"

Winter Concert: 7:30 p.m., Jean Macey Recital Hall. NMT Chamber Chorus and Concert Chorus, under direction of Paul Barrientos, perform madrigals and holiday music. English, French, German and Spanish music, and Conrad Susa's "Carols and Lullabies of the Southwest" accompanied by harp, guitar, and percussion. FREE.

SA Winter Ball: 8 to 11 p.m., Fidel Center Semi-formal event. Hot chocolate bar. For admission, please bring a wrapped children's gift per couple or \$3 per person. Proceeds donated to charity.

Saturday, December 1

Shakespearean Feast: 6 p.m. Macey Center For Tech Club/Club Macey and others over age 21. Includes social hour, music by the NM Tech Brass Ensemble, dinner, and a play performed by the Outrageous Fortune Theater Company of El Paso. Tickets are available at NMT Human Resources (Brown Hall), NMT Gym, NMT Auxiliary Services (Fidel Center), PAS, and Macey Center. Tickets are \$20 for members of TCCM; \$25 for non-members; and \$7 for graduate students.

Sunday, December 2

Winter Concert: 3 p.m., Jean Macey Recital Hall. NMT Chamber Chorus and Concert Chorus, under direction of Paul Barrientos, perform madrigals and holiday music. English, French, German and Spanish music, and Conrad Susa's "Carols and Lullabies of the Southwest" accompanied by harp, guitar, and percussion. FREE.

Monday, December 3

Children's Center Countdown: 29 days! Donations received by Dec. 31 will be matched. For details, see <http://www.nmt.edu/mainpage/giving/cc.html>

SA Charity Bear: through Dec. 7. The Student Association invites the Tech community to contribute gifts to less fortunate children. Stop by the SA offices for a list of gift ideas. Please bring by wrapped gifts to the SA offices.

Hydrology Seminar: 3:30 p.m., MSEC 101. Jim Butler, Kansas Geological Survey at the University of Kansas, 2007 NGWA Darcy Lecturer, speaks on "What the Heck Is a Phreatophyte? A Field Investigation of Ecohydrologic Processes in Stream-Aquifer Systems."

Biology Seminar: 4 p.m., MSEC 103. Dr. Nikki Jernigan of UNM speaks on "The role of ASIC channels in store operated calcium entry in vascular smooth muscle cells." Part of the National Institutes of Health-funded INBRE series. Meet-the-speaker-lunch, noon, Jones Annex 3rd Floor Lounge. Details at: <http://infohost.nmt.edu/~biology/INBRE/>

Air Rifle Practice: 5:30 p.m., Gym Basement. Free to NMT students. Precision air rifles, targets and pellets provided. Sponsored by NMT Shooting Sports Club.

Tuesday, December 4

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

Tech Amateur Radio Association Net: 7 p.m., 146.680MHz, pl 100. All amateur radio operators are invited to participate.

Wednesday, December 5

Materials Engineering 467 Seminar: 2 p.m., Jones 106. Dr. R.J. Simonson, Sandia National Laboratories, speaks on: "Development of Micro Analytical Vapor Sensor Systems."

NMT Music Program Concert: 7:30 p.m., Jean Macey Music Annex. Eclectic program includes performances by the NMT Community College Concert Band, two chamber ensembles, and a jazz combo.

Movie Night at Loma: about 9 p.m., Loma Movie Theater. Late show is

FREE to Tech students showing ID. Sponsored by Student Activities Board.
For exact time and movie, please see Loma's website at
http://transluxmovies.com/loc_loma.asp

Thursday, December 6

Ph.D. Defense: 10 a.m., Cramer 221. Anthonius Sulaiman, graduate student in computer science, defends "Malicious Software: Classifications, Detection Algorithms, Methods to Avoid Detection, and Analysis."

Geoscience Seminar: 4 p.m., MSEC 101. Terry Pavlis – Univ. of Texas at El Paso: Tectonics in Extreme Environments: Effects of Erosion and Sedimentation on the Active Tectonics of the St. Elias Orogen, Southern Alaska.

Chemistry Seminar: 5 p.m., Jones Annex 101. Dr. Scott Cowley, Department of Chemistry and Geochemistry, Colorado School of Mines, speaks on "Generation of Diethyl Ether in an Ethanol Vehicle System for Cold-Start Assistance."

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, December 7

Last Day of Classes

NRAO Colloquium: 11 a.m., AOC. Adam Frank, U. Rochester

Barrage: 7:30 p.m., Macey Center. High-octane fiddle-fest featuring an eclectic mix of music, song and dance. Tickets: \$16 adults; \$14 seniors; \$12 youths. NMT Performing Arts Series.
<http://www.nmt.edu/mainpage/pas/barrage.html>

Saturday, December 8

Finals begin: Schedule at:
<http://www.nmt.edu/mainpage/registration/finals07.pdf>

Sunday, December 9

AAUW House Tour: 2 - 5 p.m., around Socorro. Suggested donation of \$8. Proceeds benefit AAUW Scholarship Fund.
<http://www.nmt.edu/mainpage/events/housetour.html>

Chamber Music Concert: 3 p.m., Jean Macey Music Annex. Mandolin, flute, and piano trio performs works of Rameau, Satie, and others; flute, viola, and bass trio performs works of Mozart and Beethoven. The NMT Music Program presents this free concert.

Midnight Breakfast: 11 p.m. to 1 a.m., Fidel Center. Last chance to cram before finals! Free food provided by SAB and Chartwells. Tutoring from ARC.

SCOPE Notices

NEWS:

N M Tech Campus Might Become Set for Cable Series,
<http://www.nmt.edu/mainpage/regents/07nov28.html>

--Genome Sequencing Center Opens in Santa Fe,
<http://www.nmt.edu/mainpage/news/2007/26nov01.html>

--Miners Get Two Wins to Wrap up Long Fall Season,
<http://www.nmt.edu/mainpage/sports/s2007/26nov02.html>

NMT GREETING CARDS:

--The Advancement Office is offering sets of four greeting cards -- four lovely scenes of campus -- for \$4.95 per set, available at the Bookstore or at the Advancement Office, 2nd floor of Fidel.

KUDOS:

--EES undergraduate student Shari Houston has just been awarded a New Mexico Space Grant Consortium Scholarship for her senior thesis project "Cave Pearls as Biosignatures." Shari is working with her advisor Peter Mozley, and Cave and Karst Studies Director Penelope Boston on this effort. Samples come from a variety of locales including Cueva de Las Canicas in Tabasco, Mexico, Lower Cave in Carlsbad Caverns, NM, and recently removed gall stones from Dr.

Boston.

AAUW SCHOLARSHIP

--The Socorro Branch of the American Association of University Women offers a \$500 scholarship to an undergraduate woman in any major who is continuing as a full-time student at Tech next fall. Applicants must have at least a 3.0 GPA and must have completed at least 28 hours. Applications are available at the Financial Aid Office in the Fidel Center. The entry deadline is February 8, 2008. An AAUW committee will choose the recipient from the responses given on the application form.

GINGERBREAD HOUSE CONTEST:

--Deadline is Dec. 10 at 5 p.m. to enter this year's Gingerbread House contest. Three age categories: 12 and under; 13 - 17; and 18 and up. Build your structure -- house, train station, bridge, ship, lighthouse, spaceship -- entirely out of edibles. For rules, see signs posted around campus or call Edie Steinhoff, 835-5620.

--Bring your entry to Chartwells at Fidel Center by deadline for judging. Judging takes place on Dec. 11, and all entries will be displayed at Tech Dining Room, Dec. 10 - 14. No entry fee.

SUPPORT PYGMY RUGBY:

--Help the Pygmies by going shopping! Embroidered polo shirts, \$20. T-shirts, screened front and back, \$10. Visors, \$12. Available at Tech Gym, 8 a.m. to 5 p.m., or from Dave Wheelock.

ESL TEACHER TRAINING:

--Tech students (and other members of the Tech community) who would like to learn to teach English as a Second Language are invited to participate in a workshop conducted by Socorro Consolidated Schools on Dec. 1 and 2 (Saturday and Sunday.) Cost is \$100 and no teaching experience is necessary. For more information or to sign up, contact Vannetta Perry.

ALUMNI ASSN. TRIP TO PERU:

--NMT Alumni Association is offering a trip to Peru, led by intrepid alumnus Dr.

William X. Chavez, Jr., on May 25 through June 3, 2008. Watch for a brochure with the next *Gold Pan* or contact Carol Lynn Tiegs.

INTERNATIONAL FLAGS:

--The international flags in front of Fidel Center represent countries that Tech students come from. The U.S. and New Mexico flags fly in front of Brown Hall daily.

--From Nov. 19 through Nov. 30, Fidel flags represent Saudi Arabia, Senegal, Singapore, Slovakia, S. Korea, and Spain.

--From Dec. 3 through Dec. 14, Fidel flags represent Switzerland, Turkey, Vietnam, and Bermuda.

REGISTRAR'S OFFICE (FIDEL SECOND FLOOR:)

Important Academic Dates:

Friday, Dec. 7: **Last Day of Classes**

Saturday, Dec.: **Finals begin**

Thurs., Dec. 13: **Last day of finals**

Monday, Jan. 21: **Orientation and Welcome Back Day**

Tuesday, Jan. 22: **Classes begin**

Friday, Feb. 8: **Registration Closes:** 5 p.m., Registrar's Office. Last chance to add a class or withdraw without a "W."

March 8 - 16: **Spring Break**

Friday, March 21: **Academic and Staff Holiday**

Friday, May 9: **Last Day of Classes**

Saturday, May 10: **Finals begin**

Thursday, May 15: **End of finals**

Saturday, May 17: **Commencement**

All students who would like to have their final grades mailed to an address other than their CS Box, please drop off an envelope with self address and stamp to the drop box located in the Office of the Registrar.

--The current final exam schedule is posted at <http://www.nmt.edu/mainpage/registration/finals07.pdf>. If you have a conflict, please talk to the professors of the courses involved.

--DEC. 2007 GRADS: If you plan to graduate in December 2007, please check your name, degree, and minor (if any) at <http://www.nmt.edu/mainpage/commencement/c2008/dec2007grads.pdf>. This information will appear on your diploma. If you wish to change anything, please contact the Registrar's Office.

--If your name does not appear here and you intend to graduate, please turn in your Intent to Graduate form to the Registrar's Office immediately.

--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.