

[Note: today is the deadline to file for the Macey Scholars Program, worth \$5000 to New Mexico Tech's top students. Details below.]

## **Monday, April 20**

**Registration for Fall 2009:** Beginning today, graduate students and Tech scholars may register for Fall 2009 in person or on banweb.

**Thesis Defense:** 2 p.m., MSEC 268. Pedro Acosta, graduate student in Mineral Engineering with a specialty in mineral exploration, defends his thesis "Metal and Mineral Zoning of Cuatro, Alianza and Llacsacocha Veins, Huaron District, Central Peruvian Andes."

**YWCA Carino Toy Lending Library -- Toy Drop-off:** Children's Center. In April and May, the YWCA Carino Toy Lending Library will not be bringing toys to Socorro. They are in the process of moving and will only come to Socorro to pick up toys that have been lent out. Families may drop toys off at the NMT Children's Center on or before the third Mondays in April and May and they will be returned to the Toy Lending Library staff. Once the move in Albq is completed, regular visits will resume.

**Masters' Thesis Defense:** 4 p.m., Jones Annex 101. NMT Biology graduate Amy Baker-Kireev defends her thesis dissertation "Cellular Stress Response to Titanium Dioxide Nanoparticles"

**Air Rifle Practice:** 5:30 - 7 p.m., Gym Basement. Air rifles, pellets and targets will be provided. Sponsored by NMT Shooting Sports Club.

**Amateur Radio Examination:** 7:30 p.m., MSEC 195. Technician, General, and Amateur Extra exams offered. Please bring two forms of ID (one must be photo ID), previous licenses (if any) and a \$15 test fee.

## **Tuesday, April 21**

**Registration for Fall 2009:** Beginning today, seniors may register for Fall 2009 in person or on banweb.

**Thesis Defense:** 3:30 p.m., Cramer 221. Aaron Torres, graduate student in computer science, defends his thesis "Aspects of Integrity and Security on a Mobile Database Implementation."

**Special Physics Seminar:** 4 p.m., Workman 101. Dr. Christopher Emersic of New Mexico Tech Physics Dept. and University of Manchester speaks on "Investigations into thunderstorm electrification processes."

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

## **Wednesday, April 22**

**Registration for Fall 2009:** Beginning today, juniors may register for Fall 2009 in person or on banweb.

**Spring Fashion Show:** midday, Macey Center. In honor of Administrative Professionals Day, enjoy lunch and the latest in Socorro fashions, modeled by local luminaries, with special accessorizing tips. Tickets required.

**Technical Communication Senior Thesis Presentations:** 11 a.m. - 1:30 p.m., Tripp Room, Skeen Library. Tony Perreault speaks on "Analysis of Web Content Delivered to a Mobile Computing Environment"; Nida Stewart speaks on "Typeface and Document Persona in Magazines"; Roger Renteria speaks on "Best Practices for Visual Design in PowerPoint Presentations"; Gregory L. Koch, II speaks on "The Benefits of Using Web Content Management Systems."

**Materials Dept. Seminar:** 2 p.m., Jones 106. Dr. T.C. Chen, of TH Chem, Inc., will speak on: "From Chemistry and Materials to Batteries."

**Thesis Defense:** 3 p.m., MSEC 101. Darryl Ackley, graduate student in computer science, defends his master's thesis, "Finite State Abstraction for Continuous Control Systems: Analysis and Synthesis."

**Five Poets and An Artist:** 5:30 p.m., Tripp Room, Skeen Library. In celebration of National Poetry Month and Santa Fe Broadside, Issue #58, five resident poets of NMT read from their works: Karen Balch, Penelope Boston, Mary Dezember, Julie Dyke Ford, and Glenda Stewart-Langley. Also, recognition of the artwork of Noah Shepard, featured in the same issue. Free and open to the public. Reception with refreshments follows.  
<http://www.sfpoetry.org/>

**Advanced Python Applications:** 5:30 p.m., Speare 116. Open discussion of Python programming tools and methods.

**IRIS/SSA Lecture:** 7 p.m., IMAX Theater at the NM Museum of Natural History and Science, in Albuquerque. Dr. Rick Aster, professor of geophysics at NMT and newly-elected president of the seismological society of America, speaks on "Taking Earth's Pulse and Temperature Using Seismology: Roaring Oceans and Singing Icebergs"  
[http://www.nmnaturalhistory.org/edu\\_lectures.html](http://www.nmnaturalhistory.org/edu_lectures.html)

**Tech on Mythbusters:** 8 p.m., Discovery Channel.  
<http://www.nmt.edu/mainpage/news/2009/17mar01.html>

## Thursday, April 23

**Registration for Fall 2009:** Beginning today, sophomores may register for Fall 2009 in person or on banweb.

**EES/ Bureau Seminar:** 4 p.m., MSEC 101. Jim Fassett (US Geological Survey, Emeritus) presents "The Case for Paleocene Dinosaurs in the San Juan Basin."

**Physics Dept. Seminar:** 4 p.m., Workman 101. Dr. Raul Morales-Juberias, NMT, discusses "Saturn's North Polar Hexagon Numerical Modeling Results"

**Electrical Engr. Graduate Seminar:** 4 p.m., Jones Annex 101. Andrew Tubesing, graduate student, speaks on "Overview of Utility-scale Wind Power Production and Distribution."

**Programming with Python:** 4 p.m., Speare 116. Introduction to programming in Python. Free class, offered by TCC. Today: Numeric and scientific packages

**Mechanical Engr. Dept. Seminar:** 4:15 p.m., Weir 102. Dr. Michael Hooser, chief, Dynamics and Data Flight, speaks on "The Holloman High Speed Test Track"

**TCCM Dinner: A Night at the Opera:** Macey Center. Theme: "A Taste of Italy." Tickets required. TCCM is a social club for those 21 and over.

**Santa Fe Opera Apprentices:** 7:30 p.m., Macey Center. Admission FREE. Apprentices with the Santa Fe Opera perform Donizetti's one-act "Elixir of Love." <http://www.nmt.edu/mainpage/pas/sfo.html>

**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, April 24

**Registration for Fall 2009:** Beginning today, freshmen and special students may register for Fall 2009 in person or on banweb.

**NRAO Colloquium:** 11 a.m., Domenici SOC Conference Room. Amy Kimball, University of Washington, speaks on "Statistical Studies of Radio Galaxies using Large Surveys"

**Storm Chase/Meteorology Club Meeting:** noon, Fidel Commons (near Fire and Ice). Planning the storm chase in May.

**Chemical Engineering junior and senior design presentations:** 1 p.m., MSEC 101.

**Student Activities Board Meeting:** 2 p.m., Fidel Commons.

**Thesis Defense:** 2:30 p.m., Weir 102. Amanda North, graduate student in mathematics, defends her thesis "Computerized Lip Reading using Karhunen-Loeve Decomposition"

**Mechanical Engineering Dept. Seminar:** 4:15 p.m., Weir 102. Dr. Michael Hooser, Chief, Dynamics and Data Flight, speaks on "The Holloman High Speed Test Track"

**AIChE banquet:** 5 p.m., Macey Center. 5 p.m., social hour; 6 p.m., guest speaker, Jason Harper of Sandia Laboratories. Dinner \$20. Everyone is welcome to attend, but must have paid by Wednesday, April 22, 2009.

**Spring Formal:** Details TBA. Sponsored by Student Activities Board.

**Waffle Club Rave:** 10 p.m. to 2 a.m. on Saturday morning, SAC.

## Saturday, April 25

**FE Exam:** East Gym. The Fundamentals of Engineering exam is required for Tech students majoring in engineering, in order to graduate. For details, see <http://www.els-examreg.org/>

**Golf Tournament:** NMT Golf Course. Chamber of Commerce Tournament. For details, see <http://externalweb.nmt.edu/nmtgolf/>

**Waffle Club Tournament:** 1 p.m., SAC. Super Smash Bros., Brawl, and Halo.

**Poker Night Final Table:** 4 - 9 p.m., Game Room, Fidel Center. Winners of Saturday night poker tournaments battle it out for the grand prize: a flat screen TV.

**Chamber Chorus Concert:** 7:30 p.m., location changed to Episcopal Church, across the street from Skeen Library. A cappella motets: Maurice Durufle's "Quatre Motets," Johannes Brahms' "Schafe in mir, Gott" and Johann Sebastian Bach's monumental "Jesu, meine Freude." Admission free. Sponsored by NMT Music Program, part of Humanities Dept.

## **Sunday, April 26**

**Golf Tournament:** NMT Golf Course. Buns of Steel Tournament. For details, see <http://externalweb.nmt.edu/nmtgolf/>

**Pre-construction Magic Tournament:** noon - 6 p.m., Game Room, Fidel Center. EDH format, see game room for more information and rules Prizes.

**Chamber Chorus Concert:** 3 p.m., location changed to Episcopal Church, across the street from Skeen Library. A cappella motets: Maurice Durufle's "Quatre Motets," Johannes Brahms' "Schafe in mir, Gott" and Johann Sebastian Bach's monumental "Jesu, meine Freude." Admission free. Sponsored by NMT Music Program, part of Humanities Dept.

## **Monday, April 27**

**Community College Art Show:** all day, through May 8, Macey Center. Come see the arts and crafts created by Tech's Community College students. Some items are for sale, just in time for Mother's Day!

**Hydrology Seminar POSTPONED:** Sorry, Cindy Ardito has postponed till fall semester.

**SWE General Meeting:** 4 p.m., Weir 132. All invited to Society of Women Engineers. Free food!

**Celebration Reading:** 5 p.m., Tripp Room, Skeen Library. Public reading of the winners of the Humanities Dept.'s Creative Writing Contest. Everyone invited!

**Air Rifle Practice:** 5:30 - 7 p.m., Gym Basement. Air rifles, pellets and targets will be provided. Sponsored by NMT Shooting Sports Club.

## **Tuesday, April 28**

**Thesis Defense:** 1 p.m., Weir 128. Akshin Bakhtiyarov, graduate student in

Mechanical Engineering, defends his thesis "Development of High-Temperature Corrosion and Creep Resistant Self-Healing Coating."

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

## Wednesday, April 29

**Fun 5K Run/Walk:** 12:10 p.m., starts from Tech Gym. Sponsored by Tech Gym.

**Golf Tournament:** NMT Golf Course. SWGA Club Exchange Tournament. For details, see <http://externalweb.nmt.edu/nmtgolf/>

**Resident Hall Association (RHA) General Meeting:** 5 p.m., Fidel Quiet Lounge.

**Advanced Python Applications:** 5:30 p.m., Speare 116. Open discussion of Python programming tools and methods.

## Thursday, April 30

**EES/ Bureau Seminar:** 4 p.m., MSEC 101. Kristine Larson, University of Colorado, presents "Use of GPS Receivers as a Soil Moisture Network for Water Cycle Studies."

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

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

**TCCM:** 5 p.m., Macey Center. Appetizers: Wonders of the Wok. TCCM is a social club for those 21 and over.

**Golden Dragon Chinese Acrobats:** 7:30 p.m., Macey Center. A show of breathtaking skill and spellbinding beauty. Performing Arts Series. FREE to NMT students showing full-time ID. \$16/adults; \$14/seniors; \$12/youth. <http://www.nmt.edu/mainpage/pas/acrobats.html>

**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. Guest DJ Will.

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## **SCOPE Notices**

### **NEWS:**

--Tech Student Recognized by Goldwater Scholarship Program,  
<http://www.nmt.edu/mainpage/news/2009/17apr01.html>

--Tech Regents Discuss Finances, Budget and Enrollment,  
<http://www.nmt.edu/mainpage/regents/09apr16.html>

--Aster Delivers Earth Day Lecture at Albuquerque Museum,  
<http://www.nmt.edu/mainpage/news/2009/23apr01.html>

--Aster Elected President of Scientific Society,  
<http://www.nmt.edu/mainpage/news/2009/14apr01.html>

--Geophysics Student Earns Paper Award at International Meeting,  
<http://www.nmt.edu/mainpage/news/2009/9apr01.html>

### **JUDGES NEED FOR MESA DAY, APR. 28:**

--New Mexico Mathematics, Engineering, Science Achievement (NM MESA), Inc. is recruiting judges and volunteers for the 21st Annual MESA Day. To be held April 28 at the Albuquerque Convention Center, over 1,200 6th – 12th grade students from around NM will participate in math, engineering, science and robotic events. These students are involved in NM MESA, a pre-college program that offers academic enrichment for middle and high school students throughout the state.

### **MACEY SCHOLARSHIP:**

--The Macey Scholarship is the top financial honor for New Mexico Tech undergraduate students. Students who are U.S. citizens, have completed 30 semester hours and have a cumulative GPA of 3.4 or greater are eligible. Faculty and staff members can nominate students, but nominated students still need to file an application. Those selected as Macey Scholars will receive an award of \$5,000. To apply, fill out the application at <http://www.nmt.edu/mainpage/honors/2009maceyapp.pdf>, and turn it into Brown 216 by 5 p.m., Monday, April 20.

## **FIFTH-YEAR SCHOLARSHIP:**

--The Financial Aid Office is now accepting applications for the 2009-2010 Fifth Year Scholarship, which assists students with funding for their fifth year of college, after regular merit scholarship eligibility has ended. Please apply at the Financial Aid Office on the 2nd floor of Fidel. Completed applications must be turned in to the Financial Aid Office by 5 p.m. on Monday, April 20, 2009.

## **FACILITIES MANAGEMENT CONSTRUCTION PROJECTS:**

- **Chiller water system upgrade:** 85% complete.
- **Kelly Petroleum Building**, new construction in progress; south entrance closed; electrical and plumbing upgrades to existing building, to be completed by May 2009.
- **La Raj Patio**, re-construction in progress to be complete by August 2009, 80% complete.
- **Jones Hall Reconstruction**, flooring, plumbing, electrical upgrades in progress, to be complete in May 2009.

## **REGISTRAR'S OFFICE:**

### **Information on Commencement:**

--Information on Commencement (May 16) is posted at <http://www.nmt.edu/mainpage/commencement/c2009/>.

--A list of potential graduates is posted at <http://www.nmt.edu/mainpage/commencement/c2009/2009maygrads.pdf>.

--If you plan to graduate in May 2009, please check the list to make sure the spelling of your name and the title of your degree are correct. This is how your information will appear on your diploma! If you want any changes, please contact the Registrar's Office.

--If you plan to graduate and your name is not on this list, please file an "Intent to Graduate" form with the Registrar's Office immediately!

### **Important Academic Dates:**

Monday, April 20 - Friday, April 24: **Registration for Fall 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.

See Fall 2009 schedule at <http://www.nmt.edu/mainpage/registration/fall09.pdf>

Registration is ongoing for Summer 2009. See schedule at <http://www.nmt.edu/mainpage/registration/sum09.pdf>

Friday, May 8: **Last day of classes**

Saturday, May 9: **Finals begin**. Schedule posted at <http://www.nmt.edu/mainpage/registration/finals09spring.pdf>

Thursday, May 14: **Finals end**

Friday, May 15: **End of semester**

Saturday, May 16: **Commencement**

Monday, June 15: **Registration and Validation**

Tuesday, June 16: **Classes begin**

Friday, June 19: **Registration closes**

Friday, June 26: **New Student Registration**

Friday, July 10: **New Student Registration**

Monday, July 27: **New Student Registration**

Friday, Aug. 7: **End of Summer Session**

--Catalog addendum: <http://www.nmt.edu/mainpage/registration/07-09.pdf>

--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.

