

## **Feb. 14 - 25, 2008**

### **Thursday, February 14**

**Geoscience Seminar:** 4 p.m., MSEC 101. Kevin Stafford, Ph.D. Candidate in Geology, NMT, speaks on "Hypogene Karst Porosity within the Central Basin Platform: Yates Field, Pecos County, Texas."

**Electrical Engineering Seminar:** 4 p.m., MSEC 103. Jonathan Andrews, NM Tech alumnus and UNM Ph.D. candidate will speak on: "Multi-spectral thermal infrared imaging using a tunable InAs/InGaAs quantum dot in a well focal plane array."

**Physics Department Seminar:** 4 p.m., Workman 101. Forest Patton of Hewlett-Packard will speak about; "A New Theory of Electrically Aided Tornadogenesis."

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

**Valentine's Day Swing Dance:** 8 - 10 p.m., SAC. 8 - 10:30 p.m. at the Student Activities Center. Please Join the Ballroom Dance Club for a free Valentine's Day Dance. Refreshments will be provided. This dance is open to everyone! Sponsored by the New Mexico Tech Ballroom Dance Club.

### **Friday, February 15**

**NRAO Colloquium:** 11 a.m., AOC. Geoff Bower of Berkeley speaks on "Wide-Field Radio Transient Surveys." For details, see [http://www.aoc.nrao.edu/colloq/2008\\_spring/](http://www.aoc.nrao.edu/colloq/2008_spring/)

**Fourth Annual Darwin Day:** 2 - 5 p.m., Jones Annex 101. On the program: Year in Review: Defending Science Education. Review of the creationist textbook Explore Evolution: Arguments for and against Neo-Darwinism (2007) by Meyer, Minnich, Moneymaker, Nelson, and Seelke.

### **Saturday, February 16**

**Engineering Weekend Event:** 9 a.m. - noon, Fidel Center. Department "Show-and-Tells."

**NM Supercomputer Challenge:** 9 a.m. - 1 p.m., Speare Hall. Regional competition.

**Engineering Weekend Event:** noon, Macey Center. Forum and luncheon for Women in Engineering. Sign up by calling 575-835-5211.

**Engineering Weekend Event:** 1:30 - 3:30 p.m., Fidel Center. Rube Goldberg Competition. Sign up by calling 575-835-5211.

**Engineering Weekend Event:** 3 - 5 p.m., Geek Olympics, in Workman 101. Jock Olympics, in Gym.

## **Sunday, February 17**

**Engineering Weekend Event:** 2 - 6 p.m., Tour of Magdalena Ridge Observatory. Sign up by calling 575-835-5211.

**Engineering Weekend Event:** 1:30 - 5 p.m., EMRTC. Live explosives demonstration. Sign up by calling 575-835-5211.

## **Monday, February 18**

**National Holiday:** Presidents' Day. Tech offices open, federal and state offices and banks closed.

**Research at Tech Day:** all day around campus Prospective students and their families are invited to tour New Mexico Tech's campus and learn about exciting, cutting-edge research. Contact: Admission Office, 1-800-428-TECH <http://www.nmt.edu/mainpage/admission/researchat.html>

**Hydrology Seminar and Master's Defense:** 3:30 p.m., MSEC 202 (note change of room). Alex Rinehart, graduate student in hydrology, defends his thesis "Effects of Vegetation, Albedo, and Radiation Sheltering on the Distribution of Snow in the Valles Caldera, New Mexico."

**Career Services Workshop:** 5 p.m., Tripp Room, Skeen Library. "First Impressions: The Right Ways to Get Noticed."

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

## **Tuesday, February 19**

**Supervisory Training Session:** 9 a.m. to noon, Tripp Room, Skeen Library. Elias Hernandez will cover supervisory topics beneficial to both new and seasoned supervisors. To register please email JoAnn.

**Regents Meeting:** 1:30 p.m., Macey Center. The meeting agenda will be available on February 18, 2008 in the Office of the President, 217 Brown Hall, New Mexico Tech, Socorro, NM. Legal and personnel items are to be considered in Executive Session.

**Intro to Python:** 5:30 p.m., Speare 23. Introduction to programming in Python. FREE class presented by TCC. Today: "Dictionaries; branching; scripting."

**IRIS/SSA Distinguished Lecture:** 7 p.m., N.M. Museum of Natural History and Science, Albuquerque. Dr. Cliff Frohlich speaks on "Deep Earthquakes and the Secrets of Seismology," addressing the origin of deep (more than 60 km) earthquakes and explaining why they have been used in studies of the Earth's interior structure. His talk will involve raw and cooked eggs, baseballs, coffee pots, champagne bottles, diamonds, air hockey, and ultrasound. Frohlich is associate director and senior research scientist at the University of Texas Institute for Geophysics. His wide-ranging interests include moonquakes, tsunamis, deep earthquakes, and the statistical analysis of earthquake catalogs. Cost: \$2 public/\$1 members, seniors, students.

**Study Skills Seminar with Dr. Cormack:** 7 to 9 p.m., Cramer Hall, room 124. Learn how to get an A. For new and continuing students. Different topics covered on Thursday. Refreshments will be served, compliments of the Advising Resource Center. Everyone welcome!

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

**National Instruments Information Session for TC Majors:** 7 - 8 p.m., Tripp Room, Skeen Library.

## **Wednesday, February 20**

**National Instruments Interviews for TC Majors:** all day, Career Services/Student Affairs, Fidel.

**Humanities Research Colloquium:** 4 p.m., Weir 102. Ingo Trauschweizer, visiting assistant professor of history, speaks on "Past, Present, and the Historian's Craft: The Case of the Cold War U.S. Army."

**Intro to Python:** 4 p.m., MSEC 187. Introduction to programming in Python.

FREE class presented by TCC. Today: "Dictionaries; branching; scripting."

**Recruiter Round Table:** 5 p.m., Tripp Room, Skeen Library. Students are invited to meet recruiters. Dinner included.

**Advanced Python Applications:** 5:30 p.m., Speare 23. Open discussion of Python programming tools and methods.

**Titan Specialties Ltd. Information Session:** 6:30-7:30 p.m., Jones Annex 101.

**Total Lunar Eclipse:** Don't miss the last total eclipse of the Moon for almost three years! Penumbral phase begins about 6:05 p.m.; totality begins about 8 p.m. and lasts about 52 minutes. Etscorn Observatory will have an Eclipse Party, starting about 6 p.m.

## Thursday, February 21

**Career Fair:** 9 a.m. to 2:30 p.m., Tech Gym. Students and employers, this is your chance to meet each other! For info, contact Chelsea Buffington, Career Services Director.

**NAVAIR Information Session:** 3:30-5 p.m., Tripp Room, Skeen Library.

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

**Northrop Grumman Information Session:** 5:30-7 p.m., Tripp Room, Skeen Library.

**Cleveland-Cliffs Information Session:** 6:30-8 p.m., Cramer 120.

**Astrobiology Special Guest Lecture:** 7:30 p.m., Workman 101. Astrobiologist Lynn Margulis speaks on "GAIA" natural selection and SYMBIOGENESIS "evolution."

**Study Skills Seminar with Dr. Cormack:** 7 to 9 p.m., Cramer Hall, room 124. Learn how to get an A. For new and continuing students. Different topics covered from last Tuesday. Refreshments will be served, compliments of the Advising Resource Center. Everyone welcome!

**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, February 22

**Career Services Interviews in Fidel:** Cleveland-Cliffs (Financial Aid), GE (Student Affairs), NAVAIR (ARC), Northrop Grumman (Student Affairs), Pacific Scientific (Admission), PCL (Advancement), Titan Specialties (Registrar's Office).

**NRAO Colloquium:** 11 a.m., AOC. Karl Gebhardt, University of Texas, speaks on "Black Holes of All Masses: Understanding the Fundamental Correlations"

**FE Exam Deadline:** Seniors in engineering are required to take the FE exam in order to graduate. Details at <http://www.nmt.edu/mainpage/registration/feexam.html>

**TCCM:** 5 - 7 p.m. Macey Center. Social hour, for people 21 and over. Chef's surprise!

**Meet and Greet the Artists:** 5 - 7:30 p.m., Macey Gallery. Come meet photographers Linda Laitner and Joanne Schmidt, whose exhibition "Visions" is on display through March 3.

**Madcap Variety Show:** 7:30 p.m., Macey Center. Vaudeville comedy, juggling, rope tricks and original music. Tickets: \$14 adults; \$12 seniors; \$10 youths. NMT Performing Arts Series. <http://www.nmt.edu/mainpage/pas/madcap.html>

## Saturday, February 23

**Science Olympiad:** Students from across New Mexico compete in science events around campus.

## Monday, February 25

**Grad Student Association Meeting:** 12:30 p.m., Tripp Room, Skeen Library.

**Carino Toy Lending Library:** 3 to 5 p.m., NMT Children's Center. Anyone from Tech and the community may check out free toys for children.

**Hydrology Seminar:** 3:30 p.m., MSEC 101. Laura Bexfield, U.S. Geological Survey, Albuquerque, speaks on "Near-Decadal Trends of Pesticide

Detection Frequency and Concentration in Ground Water of the United States, 1993-2003."

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

**Student Association Meeting:** 8 p.m., MSEC 103.

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## SCOPE Notices

### NEWS:

--N.M. Tech Offers Summer Research Program for Undergraduates  
<http://www.nmt.edu/mainpage/news/2008/13feb02.html>

--Profile: Amber Ortega in Summer Research for Undergrads Program,  
<http://www.nmt.edu/mainpage/news/2008/13feb03.html>

--N.M. Tech Visiting Professor Studies Military History,  
<http://www.nmt.edu/mainpage/news/2008/13feb01.html>

--State of New Mexico Honors N.M. Tech's Rob Bowman,  
<http://www.nmt.edu/mainpage/news/2008/11feb01.html>

--FEATURE: Dr. Rob Bowman, Hydrologist,  
<http://www.nmt.edu/mainpage/news/2008/11feb02.html>

### KUDOS:

--The Feb. 1 - 7 issue of *Wheels* magazine features designs for the GM Stingray by Pedram Rostami who teaches 3dMax9, a 3d modeling course for Tech's Community College. Congratulations, Pedram!

### HOUSES FOR SALE ON TECH HILL:

--495 Mesa Drive is for sale. Contact Tom and Diane Morgan at 575-838-2997 or (575) 838-3006.

--1314 North Drive on Tech Hill is for sale. For information, please contact Jonathan Kern, 520-954-6621.

## **DOMENICI'S OFFICE SEEKS INTERNS:**

--The office of Sen. Pete Domenici seeks college students to serve as interns during the summer of 2008. Interns will gain first-hand experience in all parts of Domenici's office including the constituent services, legislative and communication portions. Applications are available on Domenici's website and can be accessed at <http://www.domenici.senate.gov> in the "Student's Corner" section. For more information about the program and intern responsibilities, call (202)224-6621. Students from all majors, including those outside of history and political science, are encouraged to apply.

## **SCIENCE OLYMPIAD WANTS YOU!**

--Science Olympiad would like volunteers on Saturday, Feb. 23 to help with registration, scoring, and helping individual event supervisors with their events. Also need event supervisors.

## **ATTENTION PRINCIPAL INVESTIGATORS:**

--The *average* fringe benefit rates for main campus are currently: faculty 23%, staff 32%, and student employees 2%. Please note that the fringe benefit rates used for proposal purposes represent an average at a given point in time and are considered sufficient for estimation purposes. **For reimbursement purposes, actual fringe benefits are identified and charged to benefiting account(s).**

--Actual fringe benefits vary with salary level and elected employee benefit options; therefore, it is not possible to accurately calculate the fringe benefit rate in advance for personnel to be employed. However, if available the actual historical FB rate can be used for specific individuals to be employed on a project. For additional information, please contact Anna McLain 575-835-5382.

## **PRINTER AND COPIER INK CARTRIDGE RECYCLING**

--Rotary Club of Socorro collects and recycles empty printer and copier ink cartridges. This project keeps cartridges out of the landfill and raises funds for Rotary's local, national, and international projects. You will find collection boxes on campus in the Fidel Center; Human Resources; the Biology, Chemistry, Civil and Environmental Engineering, Material Engineering, and Math Departments; NRAO; EMRTC, and the Bureau of Geology. You will also see them at various locations around Socorro. Rotary thanks you for your help!

## **STUDENTS: WIN \$500!**

--Students, the Public Information Office invites you to make a video of 3 minutes or less that gives YOUR view of New Mexico Tech. You can do whatever you want with this; show classes, athletics, parties, scenery. Make it funny or keep it serious. Videos containing NUDITY, PROFANITY and/or LIFE THREATENING STUNTS will NOT be eligible to enter the contest.

--Videos should be submitted on CD by 5 p.m., Feb. 29, to Colleen Guengerich, Public Information Office, Fidel Second Floor (southwest corner). Each entry must be accompanied by a signed release form. Only approved videos will be entered into the contest. Videos may be filmed anywhere on Tech campus or in Socorro County.

--Selected videos will be put on YouTube. The one that receives the most hits by May 12 wins \$500. There will also be second and third prizes. Prizes will be awarded on May 14.

## **REGISTRAR'S OFFICE (FIDEL SECOND FLOOR:)**

### **Important Academic Dates:**

March 5: **Midsemester**

March 8 - 16: **Spring Break**

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

Friday, March 28: **Grade Option Deadline.** Last day to choose S/U, Audit, or withdraw with a "W"

April 14 - 18: **Summer 2008 Registration.** Monday, graduate students and Tech scholars. Tuesday, seniors. Wednesday, juniors. Thursday, sophomores. Friday, freshmen.

April 21 - 25: **Fall 2008 Registration.** Monday, graduate students and Tech scholars. Tuesday, seniors. Wednesday, juniors. Thursday, sophomores. Friday, freshmen.

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

Saturday, May 10: **Finals begin**

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

Saturday, May 17: **Commencement**

--MAY 2008 GRADS: If you plan to graduate in May 2008, please check your name, degree, and minor (if any) at <http://www.nmt.edu/mainpage/commencement/c2008/may2008grads.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.

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***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.