

## Thursday, February 12

**Happy Birthday:** Abraham Lincoln and Charles Darwin, 200 today!

**EES/ Bureau/ Physics/ Biology Seminar:** 4 p.m., Workman 101. Jonathan Wolfe (Fractal Foundation) presents "Fractals and the Evolving Patterns of Nature." Part of Darwin Rocks!

**Programming with Python:** 4 p.m., Speare 116. Introduction to programming in the Python language. Python is a recent, general-purpose, high-level programming language. It is free, very clear and readable, object-oriented (if you wish), runs everywhere, and interfaces to everything. Free class, offered by TCC. Today: Overview: what can Python do for you?

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

**NMT Students for Life:** 7 p.m., Workman 101. Dr. Anthony Levantino, M.D., J.D. a practitioner in Las Cruces, NM to speak on Abortion in America. Light refreshments.

**Valentine's Swing Dance:** 8 - 10:30 p.m., SAC. Join the Ballroom Dance Club for a semi-formal swing dance extravaganza in celebration of Valentine's Day! Refreshments will be provided and prizes for cutest couple and best dressed will be awarded. The dance is free and open to everyone! The live DJ takes requests, so bring your favorite music to dance to, whether it's swing or salsa! Sponsored by the NMT Ballroom Dance Club.

**Movie Night:** 9 p.m., Macey Center. Movie for Valentine's Day. Sponsored by Student Activities Board.

## Friday, February 13

**NRAO Colloquium:** 11 a.m., Domenici SOC Conference Room. Carol Lonsdale, NRAO-CV, speaks on High Redshift ULIRGs with Spitxer and WISE, and future prospects with Herschel, ALMA, EVLA and JWST."

**Darwin's Birthday Celebration:** noon - 1 p.m., Workman 101. Come and eat cake! Sponsored by the New Mexico Coalition for Excellence in Science Education. Part of Darwin Rocks! Day.

**Darwin Day Talk: Evolution:** 1- 1:30 p.m., Workman 101. Rebecca Reiss, Ph.D., Associate Professor of Biology, NMT, speaks on "Evolution, Eugenics, and Epigenetics: Why it's Good to be a Mutt." Part of Darwin Rocks! Day.

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

**Darwin Day Talk: Education:** 1:30 - 2 p.m., Workman 101. David Johnson, Ph.D., Professor of Earth and Environmental Science, NMT, speaks on "Assaults on Science Education, the Year in Review." Part of Darwin Rocks! Day.

**Darwin Day Talk: Astrophysics:** 2 - 3 p.m., Workman 101. Eileen Ryan, Ph.D., Project Scientist and Manager at the Magdalena Ridge Observatory. "Asteroids: Their Impact on Evolution." Part of Darwin Rocks! Day.

**Darwin Day Talk: Geology:** 3- 3:30 p.m., Workman 101. David Thomas, M.S., IRIS-PASSCAL. "The Age of the Earth." Part of Darwin Rocks! Day.

**Darwin Day Talk: History:** 3:30 - 4 p.m., Workman 101. Donald Wolberg, Ph.D., NMT, speaks on "Darwin and Mendel: An historical view." Part of Darwin Rocks! Day.

**Darwin Day Talk: Education:** 4 - 4:30 p.m., Workman 101. Jesse Johnson, Vice-President, Coalition for Excellence in Science Education. "CESE and Science Education: A Student Activist's Perspective." Part of Darwin Rocks! Day.

**Darwin Day Open Discussion:** 4:30 - 5 p.m., Workman 101. Part of Darwin Rocks! Day.

## **Saturday, February 14**

**5K Race:** 9 a.m., meet at NMT Swimming Pool. Second of a series of four foot races sponsored by Socorro Striders and Riders, with cash prize for winner. Please arrive at least 15 minutes before starting time to complete membership form and pay fees (10\$ membership plus \$5 entry fee). Other races on Feb. 28, March 31.

**Women's Soccer Match:** 2 p.m., Athletic Field. Tech's women's soccer team vs. The Faculty. Don't miss it!

## **Monday, February 16**

**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. Schedule at <http://www.nmt.edu/mainpage/admission/researchat.html>

**Hydrology Webinar:** 3:30 p.m., MSEC 103. Mary Anderson, University of Wisconsin, AGU 2007 Langbein Lecturer, "Benchmark in Hydrogeology in the 20th Century - Unexpected Payoffs." (Recorded Webinar from the 2007 AGU Fall Meeting.)

**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, February 17**

**Workshop on Polymer Gels:** all day, Midland, Texas. Randy Seright, PRRC, and his colleague Bob Sydansk give a one-day seminar for professional oilfield operators on "Polymer Gels for Conformance-Improvement Treatments: What It Takes to Be Successful and Illustrative Field Applications" <http://www.spe-pb.org/en/cev/446>

**Regents Meeting:** 1:30 p.m., New Mexico National Guard Headquarters, 47 Bataan Boulevard, Santa Fe. Agenda available on February 16, 2009 in the Office of the President, 217 Brown Hall. Legal and personnel matters to be considered in Executive Session.

**YWCA Carino Toy Lending Library:** 3:30 - 5:30 p.m., Children's Center. Parents of small children may check out toys. Open to Socorro-area parents.

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

**Study Skills Seminar:** 7 - 9 p.m., Cramer 124. Dr. Bob Cormack talks about the study skills that will help you succeed as a Tech student! Open to all. Second session on Thursday covers different material. Refreshments, courtesy of Advising Resource Center.

## **Wednesday, February 18**

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

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

## **Thursday, February 19**

**Physics Department Seminar:** 4 p.m., Workman 101. Dr. David Raymond, Professor of Physics at NMT speaks about "A Radically Modern View of Electricity and Magnetism"

**EES/ Bureau Seminar:** 4 p.m., MSEC 101.

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

**Study Skills Seminar:** 7 - 9 p.m., Cramer 124. Dr. Bob Cormack talks about the study skills that will help you succeed as a Tech student! Open to all. Different material from Tuesday's session. Refreshments, courtesy of Advising Resource Center.

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

**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 20

**Deadline to submit items for Property Auction:** Tech offices wishing to submit surplus property for auction should contact the Property Office to arrange pick-up.

**NRAO Colloquium:** 11 a.m., Domenici SOC Conference Room. W.T. Sullivan, University of Washington, speaks on "Cosmic Noise: The Early Years of Radio Astronomy."

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

**Dance:** 10 p.m., SAC. Sponsored by Student Activities Board.

## Saturday, February 21

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

## **Monday, February 23**

**Hydrology Seminar:** 3:30 p.m., MSEC 103. Patricia Bobeck of Austin, TX, speaks "On Henry Darcy." Followed by a meet-the-speaker coffee

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

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## **SCOPE Notices**

### **NEWS:**

--Science Olympiad Battle set for Feb. 21, Volunteers Needed,  
<http://www.nmt.edu/mainpage/news/2009/11feb01.html>

--NM Tech Celebrates Darwin Day,  
<http://www.nmt.edu/mainpage/news/2009/9feb01.html>

--New Mexico Tech Scientists Watch for Alaska Volcano Eruption,  
<http://www.nmt.edu/mainpage/news/2009/5feb01.html>

### **VOLUNTEERS NEEDED:**

--Please help with the 23rd Annual New Mexico Science Olympiad on Saturday, February 21, 2009. The event runs from 7 am to 6 pm. Sign up and select the hours you can work.

--Free t-shirts will be given to all volunteers.

### **SCIENCE FAIR SEEKS JUDGES:**

--Help young people develop an interest in science! Please volunteer to be a judge at Science Fair, April 4.

--The regional science fair in Albuquerque would also like help judging. It will be held on Friday, March 20, from 7 a.m. to 1 p.m. at UNM. To sign up as a judge, please go to <http://stemed.unm.edu/JudgeForm.aspx>

### **GRAD STUDENTS WANTED:**

--Undergraduates, are you looking for a master's degree in explosives engineering? The Department of Mechanical Engineering seeks MS candidates for the New Mexico Tech Explosives Engineering HS-STEM Program. The program is funded by Department of Homeland Security HS-STEM Career Development Grants (CDG), and it includes an annual stipend up to two years and multiple summer internship opportunities. Eligibility: BS in any engineering discipline with GPA over 3.0. Must be US citizen

--For detailed information, please see the Graduate Studies website <http://infohost.nmt.edu/~grad/>

### **TCC HOTLINE:**

--The latest edition of the TCC Hotline is available. For information on Courseware Beta Testing, EndNote License, and Modem Charge increase, please see <http://infohost.nmt.edu/tcc/>

### **SCIENCE CAFE:**

--The next Science Cafe, in the ongoing series sponsored by KNME and New Mexico Tech, features Dr. Penny Boston talking with audience members about "The Mysterious Life of Caves." The event takes place on the New Mexico Tech campus on Saturday, Feb. 28 at 10 a.m. Admission is free but seating is limited.

### **HOUSE FOR SALE ON TECH HILL:**

--1224 Apache Drive is still for sale. Please contact Campbell Wade at 835-3452.

--SCOPE advertises ONLY houses on Tech Hill for sale. Since New Mexico Tech owns the land under the houses on Tech Hill, state law requires us to offer these houses for sale to the Tech community (and NRAO) before they are made available to the general public.

--SCOPE does not advertise any other houses for sale or rent. SCOPE is not allowed to compete with the private businesses that sell houses and sell advertising.

### **FUNDAMENTALS OF ENGINEERING EXAM:**

New Mexico Tech seniors majoring in engineering are required to take the Fundamentals of Engineering (FE) exam in order to graduate. NOTE: The fee is now \$120.

- Exam registration deadline: March 6, 2008
- Exam date: Saturday, April 25, 2008
- Location: NMT east gym
- Information is on the web at [www.els-examreg.org](http://www.els-examreg.org)
- More info at <http://www.nmt.edu/mainpage/registration/feexam.html>

### **PRINTER AND COPIER CARTRIDGE RECYCLING:**

--What can you do with your empty printer and copier ink cartridges? Put them in a collection box for the Rotary Club of Socorro. This project is partly community service-to keep the cartridges out of the landfill-and partly an effort to raise funds for Rotary's local, national, and international projects. You will find collection boxes on campus in 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!

### **AAUW SCHOLARSHIP:**

--DEADLINE: Feb. 13, 2009. 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 in the Fall semester of 2009. 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 Fidel Center. An AAUW committee will choose the recipient from the responses given on the application form.

### **FACILITIES MANAGEMENT CONSTRUCTION PROJECTS:**

- **Chiller water system upgrade:** trenching continues in NRAO Domenici Building driveway and parking lot.
- **Fidel Center**, landscaping on south and east sides; third floor, COMPLETED!
- **Kelly Petroleum Building**, construction in progress; south entrance closed.
- **La Raj Patio**, re-construction in progress, to be completed by Spring 2009
- **Jones Hall Reconstruction**, in progress.

## **REGISTRAR'S OFFICE:**

### **Information on Commencement:**

--Information on Commencement (May 16) is posted at <http://www.nmt.edu/mainpage/commencement/c2009/>. Further information, including a list of May 2009 graduates, will be posted as it becomes available.

### **Important Academic Dates:**

Weds., March 4: **Midsemester**

March 9 - 13: **Spring Break**

Friday, March 27: **Grade Option Deadline:** Last day to choose S/U, Audit, or Withdraw with a W.

Friday, April 10: **Academic and Staff Holiday**

Monday, April 13 - Friday, April 17: **Registration for Summer 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.

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.

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**

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

Tuesday, June 16: **Classes begin**

Friday, June 19: **Registration closes**

--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.

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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.