

[Note: This Saturday, the Auto-X Club has an event in the Macey Center parking lot. They request that people remember not to park there on Saturday. There will be access to NRAO parking.]

[Also note: If you plan to graduate in December 2007, please check your information 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.]

## **Sept. 20 - 30, 2007**

### **Thursday, September 20**

**Career Fair:** 9 a.m. to 2:30 p.m., Tech Gym. Opportunity for NM Tech students and potential employers to meet each other. Contact: Career Services.

**Student Research Conference:** all day, Macey Center. Graduate and undergraduate students are invited to give oral or poster presentations on their research. Cash prizes! For information, see <http://infohost.nmt.edu/~gsa/conference.htm>

**Career Services Event:** 4 p.m., Tripp Room, Skeen Library. NAVAIR Information Session

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

**State Fair Theme Night:** dinner, Dining Hall. Chartwells presents "State Fair Night" with food and games.

**Career Services Event:** 5 p.m., Macey Center. Employer Reception, Student Research Conference

**Career Services Event:** 5 p.m., Macey Center. bhpbilliton Information Session.

**Chemistry Seminar:** 5 p.m., Jones Annex 101. Dr. Mike Pullin, Department of Chemistry, New Mexico Tech. Title: "Environmental Chemistry of Iron"

**Programming with Python:** 5:30 p.m., Weir 128. Free class. This week: Sequence types: lists and tuples

**Career Services Event:** 6 p.m., Tripp Room, Skeen Library. ConocoPhillips Information Session.

**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, September 21

**Student Research Conference:** all day, Macey Center. Graduate and undergraduate students are invited to give oral or poster presentations on their research. Cash prizes! For information, see <http://infohost.nmt.edu/~gsa/conference.htm>

**Career Services Interviews:** all day, Fidel Center. bhpbilliton in Registrar's Conference Room. ConocoPhillips in Student Affairs /Career Services. Chevron Mining Inc. (Molycorp) Interviews, Financial Aid. NAVAIR in Advising Resource Center. PCL in Auxiliary Services Conference Room. Phelps Dodge in Student Affairs/Career Services. Puget Sound Naval Shipyard in Admission.

**NRAO Colloquium:** 11 a.m., AOC. Peter Gorham, U. Hawaii, speaks on "ANITA: Looking for Neutrinos with A Very Small Array"

**GSA Keynote Address:** 12:30 to 2 p.m., Fidel Dining Area. Dr. William D. Stone gives the keynote address for GSA Student Research Conference: "Math, Science, and the Insatiably Curious Elephant's Child: How being an Applied Mathematician has allowed me to exercise my insatiable curiosity without the bother of having to grow up. "

**First Annual President's Lunch Run:** noon, starts at Tech Gym. In honor of National Run at Work Day, Dr. Lopez will lead the pack in a one mile run. Tech students, faculty, and staff are invited to participate in this free, national event. Water stations, free T-shirt. Sponsored by Tech Gym. See <http://www.rrca.org/programs/runatwork/>

**GSA Workshop:** 2 p.m., Galena Room, Macey Center. Dr. Julie Dyke Ford conducts workshop on effective strategies for using PowerPoint for research presentations. Attendees are encouraged to bring hard copies of PowerPoint presentations, to receive specific suggestions.

**GSA Workshop:** 3 p.m., Galena Room, Macey Center. Dr. Tanja Pietrass speaks on "Ethics in Science," and on NMT's policy on scientific misconduct.

**GSA Workshop:** 4 p.m., Galena Room, Macey Center. Dr. Dave Westpfahl speaks on "Preparing for the Unexpected in Research."

**Math Seminar:** 4 p.m., Weir 209.

**GSA Awards Ceremony and Keynote Address:** 6 p.m., M Mtn Grill. Dr. Scott T. Shors speaks on "Life as a Lab Rat: Grad. School and Beyond."

## **Saturday, September 22**

**Auto-X:** morning, Macey Center parking lot. NMTARC hosts the fourth auto-x competition. Registration is 8-9; course walk 9-9:45; drivers meeting at 9:45; racing starts at 10. Be sure to come and check it out. Note: the parking lot of Macey Center will be closed all day on Saturday. Please be sure to move your vehicle. Access will still be available to NRAO's parking lot. Thank you for your cooperation.

**Fall Running Series:** 9 a.m., front of EMRTC. Presented by Socorro Striders and Riders. Series consists of four 5k runs on Sat. Sept, 22, Sat. Oct. 6, Sat. Oct. 27, and Sat. Nov. 17. One-time \$5 entry fee and one-time membership fee. \$25 prize will be awarded for series champions in each age group (runners must complete two races to be eligible). No pre-registration necessary. Contact Julie

**Rugby Tournament:** all day, Flagstaff, AZ. Tech Pygmies participate in the Northern Arizona Tens Tournament. For information, contact Dave Wheelock, [dwheelock@admin.nmt.edu](mailto:dwheelock@admin.nmt.edu) or 835-5854.

**Soccer Match:** noon, Tech Athletic Field. Tech Miner Gold vs. United World College. Non-conference match.

**Soccer Match:** 3 p.m., Tech Athletic Field. Tech Miner Silver vs. United World College. Non-conference match.

## **Sunday, September 23**

**Rugby Tournament:** all day, Flagstaff, AZ. Northern Arizona Tens Tournament. For information, contact Dave Wheelock, [dwheelock@admin.nmt.edu](mailto:dwheelock@admin.nmt.edu) or 835-5854.

## **Monday, September 24**

**Children's Center Countdown:** 99 days! Donations received by Dec. 31 will be matched. For details, see <http://www.nmt.edu/mainpage/giving/cc.html>

**Hydrology Seminar:** 3:30 p.m., MSEC 101. Ricardo Mantilla, New Mexico Tech, speaks on "Towards Unification in Hydrology: Two Illustrative Examples."

**Presidential Chamber Music Series:** 7:30 p.m., Macey Center. Willy Sucre and Friends. Sponsored by Pres. Daniel H. Lopez. Free admission.

## Wednesday, September 26

**5K Walk/Run:** noon. Sponsored by Tech Gym.

**Materials 467 Seminar:** 2 p.m., Jones 106. Dr. John Mott, Technology Transfer Division, Los Alamos National Laboratory, speaks on: "Intellectual Property Basics and Current Issues."

**Programming with Python:** 4 p.m., Speare 116. Free class. This week: Dictionaries; branching; scripting

**The Sirens, Encore:** 4 p.m., Jean Macey Recital Hall. Miners' Ink, the Tech literary magazine brings back The Sirens by popular demand, to read new material. The Sirens are: Mary Dezimmer, Julie Ford, Maggie Griffin, and Glenda Stewart-Langley. Light refreshments

**Advanced Python Applications:** 5:30 p.m., Weir 128. Free class. Open discussion of Python programming tools and methods.

## Thursday, September 27

**Geoscience Seminar:** 4 p.m., MSEC 101. Sarah Cottrell, NM Governor's science advisor, speaks on "Climate Change Policy: New Mexico and the National Context."

**Physics Dept. Seminar:** 4 p.m., Workman 101. Dr. Tom Harrison of NMSU will discuss: "Probing the Evolutionary History of Cataclysmic Variables."

**MST Seminar:** 4 p.m., Cramer 123. Bonnie Dodge, graduate student in Master of Science for Teachers, presents her Independent Study "Mining for Energy in New Mexico, A High School Science Unit on Mining." Public invited.

**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: Dictionaries; branching; scripting

**Beehive:** 7:30 p.m., Macey Center. High-voltage, fast-paced, light-hearted, nostalgic look at the girl groups and soloists of the 1960s. Tickets: \$16 adults; \$14 seniors; \$12 Youths. Part of New Mexico Tech Performing Arts Series.

**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, September 28

**Verge Fund Management Department Speaker Series:** 11 a.m., MSEC 101. Michael Orshan discusses how social networks operate, how to use trust to drive audiences to social networks, how social networks move power from organizations to single users, and current and future outlook. Orshan is currently the principal of MARSOUND, a new media company focused on creating social networks. Everyone is welcome!

**NRAO Colloquium:** 11 a.m., AOC. David Merritt, Rochester Inst. of Technology, speaks on "Dynamics of Black Hole Nuclei."

**Math Seminar:** 4 p.m., Weir 209.

**Deadline to Enter Billiards Tournament:** 5:30 p.m., Game Room, Fidel Center. Enter now to play in "C" division "7-9-8" tournament on Sept. 29 and 30.

## Saturday, September 29

**Billiards Tournament:** Game Room. "C" division "7-9-8" tournament (a Plaque event). Entry deadline: 5:30 pm Friday Sep. 28.

**Soccer Match:** 11 a.m., Tech Athletic Field. Tech Miners vs. UTEP. Conference match.

**AISES/SHPE Barbecue:** noon, SAC. Everybody is invited! AISES/SHPE want to get to know you, and we want you to know us! Culturally oriented food (fajitas, frybread, barbecue, hamburgers, hot dogs) and cultural games (pinatas, etc.) Come one, come all!

**Rugby Match:** 1 p.m., Tech Athletic Field. NMT Pygmies vs. UNM Development.

## **Sunday, September 30**

**Billiards Tournament:** Game Room. "C" division "7-9-8" tournament (a Plaque event). Entry deadline: 5:30 pm Friday Sep. 28.

**Soccer Match:** 11 a.m., Tech Athletic Field. Tech Miners vs. Univ. Northern Ariz. Conference match.

**Zarzuela Cabaret:** 4 p.m., Macey Center. Comic opera about a young Spanish woman who wants to star in The Barber of Seville and her father, who opposes her ambition, not least because his mistress is an opera singer! Tickets: \$12 adults; \$10 seniors; \$8 Youths. Part of New Mexico Tech Performing Arts Series.

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## **SCOPE Notices**

### **KUDOS:**

--Kudos to Dr. Kent Condie, professor of geology, for receiving an honorary doctorate from the University of Pretoria for his "significant contributions to global geoscience for more than forth years."

### **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.

### **HIRE A RUGGER:**

--Need a Job Done? Members of the NMT Rugby Football Club may be able to

help. Please contact club chair Tom Dotson

## **49ERS IS COMING!**

--49ers Parade Theme is "49ers Rocks." Start planning your float now! Parade is on Sat., Oct. 20. Sign-up form is at <http://www.nmt.edu/mainpage/events/2007paradeform.pdf>

--Beard-growing contest: Prizes to be awarded Oct. 20 on the Plaza. Prizes for longest, most creative, best historical. Thanks to Van Romero ('77, '79), New Mexico Tech vice president for research and economic development, for prizes

## **WANT MONEY?**

--The White Sands Missile Range Chapter of the International Test and Evaluation Association has issued a call for undergraduate and graduate student papers for the 13th annual Modeling & Simulation Conference to be held at the Hotel Encanto de Las Cruces in Las Cruces, NM from 10-13 Dec 2007. The winner in each category will receive \$1500. In the case of a group win in either category, members of the group will evenly share the \$1500. Abstracts are due 6 Oct 2007 and the papers must pertain to modeling and simulation. Contact Henry Newton.

--The New Mexico Space Grant Consortium offers research scholarships for engineering, science, and math majors at both the undergraduate and graduate levels. Graduate students are eligible for \$5000/year; undergrads are eligible for \$2000/year. Details and application form at <http://spacegrant.nmsu.edu/NMSU/scholarships/index.html> **Deadline to apply: Oct. 15, 2007.**

## **WRITERS WANTED!**

--*Miners Ink* is accepting submissions until October 1st. NMT students, faculty, staff and alumni are welcome to submit to our magazine, that is in its 5th year of publication. Emailed submissions preferred and must include a cover letter. For complete details, visit [www.nmt.edu/~ink](http://www.nmt.edu/~ink)

--*Paydirt*, the student newspaper of New Mexico Tech, wants reviews, columns, and editorials Get paid!

- Content due: Oct. 2; paper should appear Oct. 16. Pre-49ers issue
- Content due: Oct. 16; paper should appear Oct. 23. Post-49ers, special color issue

## **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 Sept 10 through Sept 21, Fidel flags represent Croatia, Czech Republic, Ecuador, Gambia, Germany, and Ghana.

--From Sept. 24 through Oct. 5, Fidel flags represent India, Indonesia, Iran, Italy, Japan, and Jordan

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

### **Important Academic Dates:**

Wednesday, Oct. 10: **Midsemester**

Friday, Oct. 19: **Academic Holiday, 49ers Celebration**

Saturday, Oct. 20: **49ers Celebration**

Thursday, Nov. 22: **Academic and Staff Holiday**

Friday, Nov. 23: **Academic and Staff Holiday**

Nov. 26 - 30: **Registration for Spring 2008:** Monday, Graduate students and Tech scholars; Tuesday, seniors; Wednesday, juniors; Thursday, sophomores; Friday, freshmen.

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

Saturday, Dec.: **Finals begin**

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

--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.