

[NOTE: The Macey Scholars programs provides three awards of \$5000 each to recognize students whose accomplishments have brought credit to themselves and to New Mexico Tech. Application deadline is Oct. 15. Details at: <http://www.nmt.edu/mainpage/honors/macey.html>]

Sept. 29 - Oct. 9, 2008

Monday, September 29

GSA Meeting: 12:15 p.m., Tripp Room, Skeen Library. The Graduate Student Association represents graduate student interests on campus. Please attend with your questions or concerns about graduate student issues. Please talk with your department about becoming an official representative. Lunch provided.

Hydrology Seminar: 3:30 p.m., MSEC 101. Lonnie Thompson, Ohio State University, speaks on "Abrupt Climate Change and Our Future." Frontiers of Geophysics Lecture from the 2007 Fall Meeting of the American Geophysical Union. Recorded Webinar.

Biology Seminar: 4 p.m., MSEC 101. Dr. Dean Wilkinson, DVM of Animal Haven, speaks on "Veterinary Medicine as a Career." Snacks and refreshments. "Meet the Speaker lunch" at noon today in Jones Annex, third floor lounge. Pizza and snacks.

Air Rifle Practice: 5:30 - 7 p.m., Gym Basement. Air rifles, pellets and targets will be provided. Contact Seth Price for more details.

Tuesday, September 30

Advanced Python Applications: 4:00-4:50 p.m., Speare 116. Open discussion of Python programming tools and methods. Free.

Programming with Python: 5:30-6:20 p.m., MSEC 187. 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. Today: Overview: what can Python do for you?

Tech on TV: 11 p.m., Discovery Channel. Prof. Penny Boston is one of the scientists interviewed on "Into the Unknown" with Josh Bernstein.

Wednesday, October 1

Miners' Ink Book Sale: 8:30 a.m. - 5:15 p.m., Fidel Atrium. \$1/paperbacks; \$2/hard covers.

Biology Dept. Luncheon: 11:30 a.m. - 1 p.m. p.m., Jones Annex 3rd floor lounge. Guest speaker Michael F. Shannon of the Nurse Corps, United States Navy, will share his experiences as a Navy nurse. He will also be educating us about what it takes to become part of Navy Medical and the benefits and rewards of being a naval officer. Lunch is provided.

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. Today: Overview: what can Python do for you?

Advanced Python Applications: 5:30-6:20 p.m., Speare 116. Open discussion of Python programming tools and methods. Free.

Caving Club Meeting: 7 p.m., MSEC 208. Pizza and drinks are provided.

Miners' Ink General Meeting: 8 - 9 p.m., Tripp Room, Skeen Library. Pizza and refreshments. ALL TECH STUDENTS are invited to attend. Discussion: Fall 2008 issue, editors, NaNoWriMo, and 2009 science fiction convention.

Thursday, October 2

Tacker Retirement Party: 3:30 to 5:30 p.m., Macey Center. Come wish Bob Tacker of ISD a happy retirement.

Physics Department Seminar: 4 p.m., Workman 101. Dr. Ken Minschwaner, New Mexico Tech, speaks on "Measurements of Ozone, Lightning, and Electric Fields within Thunderstorms over Langmuir Laboratory, New Mexico"

EES Seminar: 4 p.m., MSEC 101. Wolf Elston of the Univ. of New Mexico speaks on "The Amazing Bushveld: A Tale of Two Catastrophes."

Meteorites, Metals and Mankind: 7 p.m., Jones Annex 101. Special lecture by T.D. Burleigh, Associate Professor, Materials and Metallurgical Engineering Dept. Informative and fun lecture describing the impact of meteorites on mankind, our history, and the use of meteoritic iron. This lecture is aimed for students of all ages and disciplines.

TARA Net: 7 p.m., 146.680 MHz (pl 100.0). Tech Amateur Radio Association welcomes all licensed amateurs to check in. Contact Seth Price, N3MRA for more details.

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, October 3

NRAO Colloquium: 11 a.m., AOC. Greg Taylor, UNM, speaks on "The Evolution of Radio Galaxies from Parsec to Megaparsec Scales."

WRC Brownbag Series: noon, Fidel Quiet Lounge. Eat, Drink, and Brainstorm: Redesigning the WRC (Women's Resource Center). Everyone is invited to give input.

Math Seminar: 4 p.m., Weir 102. John Starrett speaks on The Mathematics of Musical Composition, Analysis and Performance

TCCM: 5:30 p.m., Macey Center. Enjoy a wine-tasting session, led by Dr. Bill Stone. Tech Club/ Club Macey is a social club for those 21-and-over. Bill will present "Stars of the New World: Wines that shine in new locations" such as Australian Shiraz, New Zealand Sauvignon Blanc, Chilean Malbec, and California Zinfandel. There is an extra charge, not yet set, for the wine-tasting. Non-members of TCCM pay an additional \$5 cover charge.

Presidential Chamber Music Concert: 7:30 p.m., Macey Center. Willy Sucre and Friends play string quartets. FREE; sponsored by Dr. Daniel H. Lopez. <http://www.nmt.edu/mainpage/pas/pres1.html>

Black Light Pool: 7 to 11 p.m., Game Room, Fidel Center.

Saturday, October 4

Rugby Tournament: all day, Flagstaff. Tech Pygmies participate in Northern Arizona 10s Tournament.

Sunday, October 5

Hailstorm Day: Fourth anniversary of the Great Socorro Hailstorm. Give a

piece of ice to someone you love.

Autocross Competition: all day, Macey Center parking lot. Tech students may register online at infohost.nmt.edu/~nmtarc. Sponsored by New Mexico Tech Automotive Racing Club. Note: parking lot will not be available for parking that day.

Monday, October 6

Air Rifle Practice: 5:30 - 7 p.m., Gym Basement. Air rifles, pellets and targets will be provided. Contact Seth Price for more details.

Tuesday, October 7

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

Fall Student Forum: 5:30 - 7 p.m., Workman 101. Opportunity for students to meet with NMT administrators and staff, ask questions, and resolve issues.

Programming with Python: 5:30 p.m., MSEC 187. Introduction to programming in the Python language. Free class. Today: Numeric and string operations

Wednesday, October 8

Workshop on IEEE Journals: 3 to 4 p.m., Tripp Room, Skeen Library. Rachel Berrington, manager of IEEE Client Services, provides an overview of IEEE's All Society Periodicals Package and introduces the Scitopia search engine.

Programming with Python: 4 p.m., Speare 116. Introduction to programming in the Python language. Free class. Today: Numeric and string operations

Advanced Python Applications: 5:30-6:20 p.m., Speare 116. Open discussion of Python programming tools and methods. Free.

Miners' Ink Presents "OTF": 7 p.m., Fidel Fire and Ice Cafe. Our Talented Friends are invited to come sing, dance, perform, recite a poem, read a short story, etc.

Thursday, October 9

TARA Net: 7 p.m., 146.680 MHz (pl 100.0). Tech Amateur Radio Association welcomes all licensed amateurs to check in. Contact Seth Price, N3MRA for more details.

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.

SCOPE Notices

NEWS:

--ILEA Academy in Roswell Notes Seventh Anniversary,
<http://www.nmt.edu/mainpage/news/2008/24sept02.html>

--Archuleta Receives Prestigious Tech Transfer Award,
<http://www.nmt.edu/mainpage/news/2008/24sept01.html>

--Center for Energy Policy Announces Conference in January,
<http://www.nmt.edu/mainpage/news/2008/23sept01.html>

--Regents Implement Expedited Degree Policy for First Time,
<http://www.nmt.edu/mainpage/regents/08sept22.html>

--Electrical Engineers Start Challenging Senior Design Projects,
<http://www.nmt.edu/mainpage/news/2008/18sept02.html>

KUDOS:

--Kudos to Tracy Peralta, manager of the Tech bookstore! Tracy won an award from her company, Texas Book Company, their President's Club Award, given for exemplary financial management.

OWL BAR RUN, OCT. 10

--Enjoy the breathtaking views and the beautiful fall weather along the Rio Grande as you walk, jog, or run the 13 mile course from Tech gymnasium to

the Owl Bar in San Antonio, NM. This is a non-competitive event. Participation can be individual or as a group. Water stations will be placed along the trail at the 4 mile marker, 6, 8, 10, and 12. Once you reach the Owl, the friendly folks inside will give one complimentary non-alcoholic drink of your choice. Transportation back to Socorro is available **ONLY ONCE** at 6:00 pm. The Tech Physical Recreation Department will have Owl Bar Run T-shirts free for participants or \$5.00 for non-participants. Maps can be picked up at the gym.

49ERS PARADE:

--The 49ers Parade is coming on Oct. 25. Line-up at 10 a.m.; parade starts at 11 a.m. Theme: "I Shoulda Made a Left at Albuquerque." New categories include "Human-powered Wheels" and "Walking". Both are open to groups and individuals, so decorate your bikes or get out your stilts and walk! Sign up at Public Information, 2nd floor of Fidel, or at <http://www.nmt.edu/mainpage/events/2008paradeentry%20form.pdf>

CALL FOR UNDERGRADUATE PAPERS:

--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 14th annual Live, Virtual, and Constructive (formerly Modeling and Simulation) Conference to be held at the Wyndham Hotel in El Paso, Texas from 12-15 Jan 2009.

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 **3 Oct 2008** and the papers must be on any engineering or scientific topic-not necessarily modeling & simulation. Contact Henry Newton, NRAO, for more information.

FLAGS IN FRONT OF FIDEL:

--The flags in front of Fidel Center represent countries which have students attending New Mexico Tech. The U.S. and state flags fly in front of Brown Hall. Sept. 22 - Oct. 5: Croatia, Czech Republic, Ecuador, Gambia, Germany, and Ghana. Oct. 6 - Oct. 19: India, Indonesia, Iran, Italy, Japan, and Jordan.

SOLLVE YOUR PROBLEM:

--Tired of commuting from Los Lunas or Belen? We can SoLLVE your problem! The Socorro-Los Lunas Van Express (SoLLVE) is a van commuter service comprised of NMT and NRAO people that arrives on campus every morning by 8 a.m. and leaves at 5:05 p.m. The cost is currently \$100/month and we have a few seats available. Please contact Michelle Creech-Eakman (x5809) in Physics for further details.

COMMUNITY COLLEGE:

--Community College's Luncheon Workshops are \$15, including lunch. All workshops are in Tripp Room, Skeen Library.

- Natural Hormone Therapy: Wednesday, Oct. 8, 12 noon-1 p.m.
- Stop Smoking/Tobacco Use: Socorro Mental Health instructor Darlene M. Santos Balch Chavez will show you how. Wednesday, Oct. 22, 12 noon-1 p.m.

RETURN OF THE YOUTUBE VIDEO CONTEST:

- Who: Tech students, full or part time
- What: A YouTube contest about Tech-YOUR view of Tech. 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. Three minutes in length or less. A camcorder is available to be checked out from the Public Information Office in Fidel Center.
- When: Videos must be submitted to Colleen Guengerich in the PIO office by October 10. Colleen has a camcorder available for checkout. Call 835-5352 for info.
- Where: Anywhere on Tech campus or in Socorro County
- How: Videos approved by the PIO office will be officially entered in the contest (placed on You Tube with Tech's blessings). The one that receives the most hits on You Tube by December 5, will win \$500!!! Prizes for 2nd and 3rd place, too! Prizes awarded on December 8.
- There is no limit to the number of people on a video team.

FACILITIES MANAGEMENT CONSTRUCTION PROJECTS:

- **Jones Annex exterior** complete except for concrete work at west entrance to parking lot.
- **Fidel Center:** landscaping on south and east sides; completion of third floor, in progress

- **Kelly Petroleum Building**, construction in progress; south entrance closed.
- **La Raj Demolition**, anticipated start date: late September
- **Fine Arts East and West**, Drainage issues, complete: berm and retaining wall
- **Jones Hall Reconstruction**, in progress.

REGISTRAR'S OFFICE:

Important Academic Dates:

Wednesday, Oct. 15: **Midsemester**

Friday, Oct. 24: **Academic Holiday:** 49ers Celebration

Tuesday, Nov. 4: **Grade Option Deadline:** Last day to choose S/U, Audit, or withdrawal with a "W"

Thursday, Nov. 27: **Thanksgiving holiday**

Friday, Nov. 28: **Academic and staff holiday**

Dec. 1 - 5: **Registration for Spring 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, Dec. 12: **Last day of classes**

Saturday, Dec. 13: **Finals begin**

Thursday, Dec. 18: **Finals end**

--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.