

[Note: This afternoon's EES/ Bureau Seminar features a Distinguished Lecturer on a subject of wide interest. The entire campus community is invited. Please see below.]

Thursday, April 2

EES/ Bureau Seminar: 4 p.m., MSEC 101. Aaron Velasco (University of Texas at El Paso, IRIS/SSA Distinguished Lecturer) presents "Can a Large Earthquake in Another Country Cause One in Your Backyard?"

Physics Dept. Seminar: 4 p.m., Workman 101. Dr. Sharon Sessions of NMT Physics Department discusses "Complexity in Tropical Precipitation"

Programming with Python: 4 p.m., Speare 116. Introduction to programming in Python. Free class, offered by TCC. Today: Object example; special methods

Tabasco Fiasco Eating Competition: 4 p.m., La Raj. Spring Fling event, sponsored by Student Activities Board.

Grand Prix Race: 4 p.m. to dark, La Raj. Big-Wheels race, with a drifting competition, a drag race, and a race around a course and prizes for each, followed by a Greek barbecue. Kappa Sigma Rush event.

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

Salsa Magic Dance: 8 - 10 p.m., SAC. Learn from the pros, win cash prizes in competition, enjoy professional DJ dance! Spring Fling event, sponsored by the New Mexico Tech Ballroom Dance Club and Student Activities Board.

Friday, April 3

NRAO Colloquium: 11 a.m., Domenici SOC Conference Room. Amir Leshem, Delft University of Technology, speaks on "Applications of array signal processing to radio astronomy"

WRC Brownbag Series: noon, Fidel Quiet Lounge. Angie Gonzales of Human Resources speaks on "A Great Place to Raise your Children: A Family Policy Dream." Sponsored by WRC (Women's Resource Center). Open to everyone.

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

Spring Fling Events: Sponsored by Student Activities Board. Barbecue, noon, Patio behind Gym; Band: Working Class, 12:30 to 2:30; SFL Sno Cone sale, 12:30 p.m., patio; drag show, 1 p.m., patio; ski board syrup-chugging competition, 2 p.m., patio; martial arts demo, 7 p.m., Macey Center; belly dance performance, 7:30 p.m., Macey Center; SELLOUT Comedy Night, 8 p.m., Macey Center.

Ph.D. Defense: 1 p.m., Workman 113. NMT Physics graduate Guglielmo Fucci defends his dissertation "Non-Perturbative Aspects of Quantum Electrodynamics on Curved Space and Investigations in Matrix Gravity"

Mathematics Seminar: 4 p.m., Weir 102. Jason Kooi speaks on "Emission Bands in the Pulsar Radio Spectra"

Master's Thesis Defense: 2:30 p.m., MSEC 202. Sandra C. Saldana, graduate student in geophysics, defends "Pseudo 3-D Imagery of the Stateline Fault, Stewart Valley, Nevada, Using Seismic Reflection Data."

Grade Option Deadline: Last day to choose S/U or audit. Last day to withdraw with a W.

Saturday, April 4

Science Fair: Tech Gym. Students from across New Mexico exhibit prize-winning projects.

Spring Fling events: noon, Patio behind Gym. 3 v 3 Soccer Tournament 10am Athletic Field; Shoot an RA w/Paintball Fundraiser, 4 p.m., Athletic Field. Sponsored by Student Activities Board.

Mud Bog: 8 a.m. to 4 p.m., west of EMRTC building. Part of Spring Fling. No alcohol on premises. Doors open at 9 a.m. for spectators. Spectator fees are: Free to Tech students with ID, \$10/car for non-Tech.

Rugby Match: 1 p.m., Tech Athletic Field. Tech Pygmies vs. New Mexico State University Chiles

Poker Night: 4 - 9 p.m., Game Room, Fidel Center. Winner of each Saturday night poker tournament will receive an invitation to the final table at the end of the semester. Grand prize at the final table will be a flat screen TV.

Sunday, April 5

Spring Fling events: noon to 4 p.m., Patio behind Gym. Barbecue; DJ; Dash for Dollars game show (1 p.m.); Totally Tattoos; Wax Hands; Butt Sketch; Skeleton Skateboard Race; Pillow Fight. Sponsored by Student Activities Board.

Monday, April 6

Hydrology Seminar: 3:30 p.m., MSEC 103. Beth Nichols, University of New Mexico, speaks on "2D and 3D representations of outcrop heterogeneity, from lidar imagery, for groundwater modeling." 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.

Tuesday, April 7

Deadline for Student Assn. Elections: Elections will be on April 9. Applications to be on the ballot are due by April 7.

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

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

TCCM: 5 p.m., Macey Center. Appetizers: Eloquent eats. TCCM is a social club for those 21 and over.

New Mexico Symphony Orchestra: 7:30 p.m., Macey Center. Featuring Brahms' Symphony No. 1 in C Minor, conducted by Guillermo Figueroa. Also Beethoven's Overture to Fidelio and Prokofiev's Violin Concerto No. 2. Part of NMT Performing Arts Series. FREE to NMT students showing full-time ID. \$16/adults; \$14/seniors; \$12/youth.

Wednesday, April 8

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

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

Thursday, April 9

Student Assn. Election Day: 9:30 a.m. - 3:30 p.m., Fidel Atrium.
Applications to be on the ballot are due by April 7.

Ph.D. Defense: 9 a.m., MSEC 202. Lorie M. Dilley, graduate student in geochemistry, defends "Fluid Inclusion Stratigraphy: A New Method for Geothermal Reservoir Assessment."

EES/ Bureau Seminar: 4 p.m., MSEC 101. Penny King (University of New Mexico) presents "Using Amphiboles to Understand Volcanic Processes on Earth and Mars."

Programming with Python: 4 p.m., Speare 116. Introduction to programming in Python. Free class, offered by TCC. Today: Exceptions; list comprehensions; iterators

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, April 10

Academic and Staff Holiday

Auto Cross: 8 a.m. (set-up) to 4 p.m., Macey Center parking lot. Sponsored by NMTARC (Automotive Racing Club). Barbecue, audience welcome.

Saturday, April 11

Poker Night: 4 - 9 p.m., Game Room, Fidel Center. Winner of each Saturday night poker tournament will receive an invitation to the final table at the end of the semester. Grand prize at the final table will be a 32 inch flat screen TV.

SCOPE Notices

NEWS:

--Next Generation of Scientists Compete for Science Fair Honors,
<http://www.nmt.edu/mainpage/news/2009/1apr01.html>

--Ten Exceptional Teens Will Have a Blast at New Mexico Tech Camp,
<http://www.nmt.edu/mainpage/news/2009/30mar02.html>

--Chemical Engineering Seniors Tackling Next-Generation Energy Issues,
<http://www.nmt.edu/mainpage/news/2009/30mar01.html>

--Regents Told New Mexico Tech on Solid Financial Footing,
<http://www.nmt.edu/mainpage/regents/09mar26.html>

--Tech Now Accepting Macey Scholar Applications,
<http://www.nmt.edu/mainpage/news/2009/26mar01.html>

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.

CREATIVE WRITING CONTEST:

--The deadline has been extended for the Humanities Dept.'s Creative Writing Contest. Categories: poetry, fiction, creative non-fiction. Open to all NMT students.

- Submit 2 copies of each entry to Ann Hewitt, Humanities Department, Fitch 103
- Include a cover sheet with your name, email, phone number, and category on each entry
- Your name should appear on the cover sheet only
- Length limits: poetry-6 pages per author; prose-15 pages per author

Prizes:

- Tech Bookstore gift certificates contributed by the Humanities Department!
- Public reading on Monday, April 13, 5 p.m. Tripp Room, Skeen Library.
- Fame and Fortune!
- Publication in Fall 2009 Miners' Ink, depending on space!

OWL BAR RUN, APRIL 17

Enjoy the breathtaking views and the beautiful spring 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, 6, 8, 10, and 12 mile markers. 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 7 p.m. 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.

FROM GRADUATE OFFICE:

--MentorNet is the e-mentoring network in engineering and science that provides students and post-docs with positive, one-on-one, email-based mentoring with professionals from industry, government and higher education. Students can sign up by visiting www.mentornet.net and clicking on "join now" for step-by-step instructions.

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.

DANCE GROUPS ON CAMPUS:

--Two dance groups hold their annual dance camps on the New Mexico Tech campus every summer. Although the groups are not part of New Mexico Tech, individuals who may wish to participate may find information and sign-ups at their websites:

- **FolkMADS** (NM Folk Music and Dance Society, contra and related styles) holds its annual camp over Memorial Day weekend, May 22 - 25. See <http://www.folkmads.org/folkmadness.html>
- **SWIFDI** (Southwest International Folk Dance Institute) holds its annual camp from July 30 to Aug. 2. This summer's camp features Israeli and Romanian dances. See <http://www.swifdi.org/>

FACILITIES MANAGEMENT CONSTRUCTION PROJECTS:

- **Chiller water system upgrade:** 75% complete.
- **Fidel Center**, landscaping on east side, 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, 40% 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:

Friday, April 3: **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.** 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.

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.