

[Note: Student Forum has been moved from Weds. to Monday, April 16. This is the students' chance to talk to administrators. Details below.

Also Note: Student elections take place on Thurs., April 19. Candidate forum is Weds., April 18. Details below.

Yet another Note: Schedules for Summer and Fall Semesters 2007 are now available at the Registrar's Office, 2nd Floor, Fidel.]

## **April 12 - 23, 2007**

### **Thursday, April 12**

**Geoscience Seminar:** 4 p.m., MSEC 101. Tim Wawrzyniec, Univ. of New Mexico, speaks on "Evaluating HOODOO form and process using TLS LiDAR data to measure seasonal hillslope modification, Black Mesa, NE Arizona." Sponsored by Department of Earth and Environmental Science and New Mexico Bureau of Geology and Mineral Resources.

**Programming with Python:** 4 p.m., Speare 116. Free class offered by John Shipman of TCC. Today: Numeric and scientific packages

**Mechanical Engineering Seminar:** 4:15 p.m., Weir 102. Kirt Jensen, lead mechanical engineer for Team Specialty Products Corp. in Alb., will speak on the subject: What is the Kinetic Pump, and how does it operate? Kirt graduated from NMT with a master's in mechanical engineering.

**Last Dinner on the Titanic:** Fidel Dining Room. Chartwells is sponsoring this special dinner for students, but staff and faculty may also pay for dinner and join the fun. The menu will be the same as served on the Titanic on its last night (minus the caviar). Formal dress encouraged. See <http://www.armchair.com/recipe/titanic1.html>

**Introduction to XML:** 5:30 p.m., Speare 116. Free class offered by John Shipman of TCC. Today: Formatting for print: the XSL Formatting Objects

**Tech Amateur Radio Association Net:** 7 p.m., 146.680 MHz. All licensed amateurs welcome.

**Swing Dance:** 8 to 10 p.m., SAC. Sponsored by New Mexico Tech Ballroom Dance Club. 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.

## Friday, April 13

**NRAO Colloquium:** 11 a.m. AOC. Rachel Akeson, Michelson Science Center, speaks on "Science Results with the Keck Interferometer: From Circumstellar Disks to AGN"  
[http://www.aoc.nrao.edu/colloq/2007\\_spring/#current](http://www.aoc.nrao.edu/colloq/2007_spring/#current)

**Dissertation Defense:** 1 p.m., Jones 106. Steven Todd, materials engineering student from Sandia National Labs defends his dissertation on "Non-Shock Initiation Model for Plastic Bonded Explosive PBXN-5: Empirical and Theoretical Results."

**Mathematics Seminar:** 4 p.m., Weir 209. Norelle I. Shlanta, NMT math graduate student, speaks on "Statistical models of higher education student retention and recent variable analysis at New Mexico Tech."

**Double Elimination 8-ball:** 4 p.m. start, Gameroom, Fidel Center. (Date changed from April 14 to 13.) A, B, and C divisions. Sign up in Gameroom.

**Salsa Dance:** 7 to 10 p.m., SAC. Short lessons given upon request.

**Scary Movie Night CANCELLED!: SORRY!**

## Saturday, April 14

**NM Science and Engineering Fair:** all day Tech Gym  
<http://infohost.nmt.edu/~science/fair/>

**Book and Bake Sale:** 9 a.m. to 3 p.m., Outdoors near Fidel. Friends of Socorro Public Library bring you cheap books and yummy baked goods!

**Poetry Workshop:** 12:30 to 3:30 p.m., Tripp Room, Skeen Library. With guest poet Miriam Sagan. Limited to first 50 people! Email [ink@nmt.edu](mailto:ink@nmt.edu) or call Karen Balch, 835-5412.

**Rugby Match:** Santa Fe. Tech Pygmies vs. Santa Fe Santos.

**An Evening with Miriam Sagan:** 7 p.m., Workman 101. With guest poet Miriam Sagan. National Poetry Month Visiting Poets Series.

**Spring Formal:** 8 - 11 p.m., Garcia Opera House. Theme: "Back to the Eighties." Come wearing your favorite Eighties apparel. Sponsored by the Student Activities Board.

**Tech on TV:** 9 p.m. (check local listings), Discovery Channel. New Mexico Tech will be featured in a program called "Conspiracy Test: The Oklahoma City Bombing."

## **Monday, April 16**

**Registration for Summer 2007:** Registrar's Office, Fidel 2nd Floor. Graduate students and Tech scholars may register beginning today.  
<https://banweb7.nmt.edu>

**Hydrology Seminar:** 3:30 p.m., MSEC 101. Bridget Scanlon, Texas Bureau of Economic Geology, GSA Birdsall-Dreiss Lecturer, speaks on "Impacts of Changing Land Use on Subsurface Water Resources in Semiarid Regions."

**Biology Seminar:** 4 p.m., Jones Annex 101. Dr. John E. Gustafson, New Mexico State University, speaks on "Household disinfectant reduced susceptibility mechanism of Staphylococcus aureus: an 'omics' approach."  
<http://infohost.nmt.edu/~biology/INBRE/Gustafson.html>

**Air Rifle Practice:** 5:30-7 p.m., Gym Basement. Precision air rifles, pellets and targets are provided.

**Student Forum:** 5:30 to 7 p.m., Workman 101. Students, this is your chance to meet with Pres. Lopez and other administrators and ask questions.

## **Tuesday, April 17**

**Registration for Summer 2007:** Registrar's Office, Fidel 2nd Floor. Seniors may register beginning today. <https://banweb7.nmt.edu>

**Student Activities Board:** 1 p.m. Fidel Third Floor

**Regents Meeting:** 1:30 p.m., Macey Center. Legal and personnel matters to be considered in executive session.

**Thesis Defense:** 2 p.m., Weir 102. Derek Wartman defends his thesis "Autonomous Control of Cargo Compartment Temperature for Temperature-Sensitive Cargos Shipped in Semi-Trailers: An Approach using Stochastic Estimation and Optimal Control Methods."

**Civil and Enve. Engr. Seminar:** 3 p.m., Jones Annex 101. Dr. Muhammad Badre Enam, Civil and Environmental Engineering faculty candidate, speaks on "Fatigue Evaluation of Structural Composite Lumber (SCL) T-beam Bridge Girders"

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

**Student Assn. Meeting:** 8 p.m., Workman 101. All students are welcome!  
<http://infohost.nmt.edu/~sa/>

## Wednesday, April 18

**Registration for Summer 2007:** Registrar's Office, Fidel 2nd Floor. Juniors may register beginning today. <https://banweb7.nmt.edu>

**Chef's Demo:** 11:30 a.m. - 1 p.m. Fidel Atrium.

**Niyaz Outreach:** 4 p.m., Jean Macey Music Annex. The band Niyaz, which performs on Saturday, discusses the origins and fusion of their Middle Eastern traditional music with modern electronica. In addition, singer Azam Ali talks about being an Iranian woman performing in a band.

**Chemistry Seminar:** 4:30 p.m., Jones Annex 101. Justine Kombarakkaran speaks on "Hydrogen Adsorption on Novel Metal-Organic Framework Materials."

**Candidate Forum:** 5:30 to 7 p.m., Workman 101. Students are invited to hear candidates for the Student Association speak.

**Programming with Python:** 5:30 p.m., Weir 128. Free class offered by John Shipman of TCC. Today: Active web pages and database access

**Billy Aardd's Club Meeting:** 7 p.m., Game Room, Fidel Center.

**Tech Night at the Loma:** SORRY, CANCELLED

## Thursday, April 19

**Registration for Summer 2007:** Registrar's Office, Fidel 2nd Floor. Sophomores may register beginning today. <https://banweb7.nmt.edu>

**Student Association Election:** 8 a.m. to 6 p.m., Fidel Center.

**Geoscience Seminar:** 4 p.m., MSEC 101. Ken Smith, New Mexico Highlands Univ., speaks on "The New Mexico Forest and Watershed Restoration Institute: Current plans and future goals." Sponsored by Department of Earth and Environmental Science and New Mexico Bureau of

Geology and Mineral Resources.

**Programming with Python:** 4 p.m., Speare 116. Free class offered by John Shipman of TCC. Today: Active web pages and database access

**Chemistry Seminar:** 4:30 p.m., Jones Annex 101. Yanyan Guo speaks on "Methodology of Nano-particle Synthesis."

**Tech Amateur Radio Association Net:** 7 p.m., 146.680 MHz. All licensed amateurs welcome.

**Swing Dance:** 8 to 10 p.m., SAC. Sponsored by New Mexico Tech Ballroom Dance Club. 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.

## Friday, April 20

**Registration for Summer 2007:** Registrar's Office, Fidel 2nd Floor Freshmen may register beginning today. <https://banweb7.nmt.edu>

**NRAO Colloquium:** 11 a.m. AOC. Richard Rand, UNM, speaks on "Diffuse Ionized Gas and the Disk-Halo Connection in Galaxies"  
[http://www.aoc.nrao.edu/colloq/2007\\_spring/#current](http://www.aoc.nrao.edu/colloq/2007_spring/#current)

**Paydirt Deadline:** Articles may be submitted to [paydirt@nmt.edu](mailto:paydirt@nmt.edu). For more information, please visit our website at <http://infohost.nmt.edu/~paydirt/>

**Relay for Life:** begins 6 p.m. Fund-raiser for American Cancer Society. Goes all night; ends at 11 a.m. on Saturday, April 21.

## Saturday, April 21

**Fundamentals of Engineering Exam:** 7:20 a.m. West Gym For seniors in engineering. Details at <http://www.nmt.edu/mainpage/registration/feexam.html>

**Cut-throat Billiards Tournament:** Entry Deadline: 8:30 a.m., Fidel Game Room. Sponsored by Billy Aardd's Club. Open to Tech students, faculty, staff, and alumni. Sign up in Fidel Game Room. More information at <http://www.nmt.edu/~billiard/tournaments/2007/spring/CUTTTHROAT/index.html>

**Dr. Chen Classic Golf Tournament:** 1 p.m. shotgun start, Tech Golf Course. 2-man scramble, \$25 per person includes green fees, golf cart, 1 range token

and lunch (noon). RSVP by Monday, April 16 by calling 835-5412 or emailing [kmbalch@nmt.edu](mailto:kmbalch@nmt.edu). 1st, 2nd and 3rd place prizes awarded during the Langdon Taylor Banquet on April 22.

**Rugby Tournament:** all day, Tech Athletic Field. Tech Pygmies participate in the Socorro Challenge, vs teams from NMSU, El Paso, and Albuquerque.

**TCCM:** 5 p.m., Macey Center. Middle Eastern appetizers. Tech Club-Club Macey is a social club for ages 21 and over.

**Niyaz:** 7:30 p.m., Macey Center. Ethereal vocals and a fusion of Iranian, Pakistani, Indian, and Kurdish music with modern electronica. Hypnotic and ecstatic. Performing Arts Series. \$16/\$14/\$12.  
<http://www.nmt.edu/mainpage/pas/niyaz.html>

## Sunday, April 22

**Cut-throat Billiards Tournament:** Fidel Game Room. Continued from yesterday. Sponsored by Billy Aardd's Club. Open to Tech students, faculty, staff, and alumni. More information at <http://www.nmt.edu/~billiard/tournaments/2007/spring/CUTTHROAT/index.html>

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## SCOPE Notices

### NEWS:

--NM Tech Researchers Study Methods to Thwart Biofouling,  
<http://www.nmt.edu/mainpage/news/2007/10apr01.html>

--NMT Ruggers Blanked at Regionals,  
<http://www.nmt.edu/mainpage/sports/s2007/9apr01.html>

--NM Tech Initiates Pre-college Program Curricula,  
<http://www.nmt.edu/mainpage/news/2007/5apr01.html>

--55th Annual New Mexico Science and Engineering Fair,  
<http://www.nmt.edu/mainpage/news/2007/5apr02.html>

--NMT License Plates Now Available,  
<http://www.nmt.edu/mainpage/alumni/license.html>

## **KUDOS:**

--Dr. Sayavur I. Bakhtiyarov, chair of the Dept. of Mechanical Engineering, was the subject of an article in the *Hobbs News-Sun* for his work on using underground carbon dioxide to flood oil reservoirs for enhanced recovery.

--Dr. Andrei Zagrai, assistant professor in the Dept. of Mechanical Engineering, has been selected as a Faculty Fellow for the 2007 Air Force Summer Faculty Fellowship Program at AFRL/ML Wright Patterson AF Base for the 8-week program "Advanced Non-Destructive Evaluation and Structural Health Monitoring Research."

## **BOOKSTORE (TEXAS BOOK COMPANY)**

--Part-time employee wanted, who can work between the hours of 8 a.m. and 5 p.m., Monday-Friday. Pick up an application at the bookstore, and to give it to Tracy or Angela.

## **INTERNATIONAL FLAGS:**

--The flags flying in front of Fidel represent countries that have students studying at New Mexico Tech. From April 9 to April 22, flags represent Poland, Portugal, Romania, Russia, S. Korea, and Saudi Arabia.

## **GET YOUR TICKETS NOW!**

--Spring Fashion Show Luncheon, April 25, noon to 1:15 p.m., Macey Center. \$10 for general admission; \$5 for graduate students. For tickets, contact Roslynn at 835-5050 or go to Auxiliaries (Fidel), Human Resources (Brown), Tech Gym, Macey Center or PAS office. Also Brownbilt's, Desert Bling, NMT Golf Shop, NMT Bookstore, Socorro Leather, and WalMart.

--"A Night at the Opera" dinner, April 26, 6 p.m., Macey Center. Elegant dinner preceding performance by Santa Fe Opera Apprentices. \$15 members, \$20 non-members of Tech Club-Club Macey. TCCM is a social club for ages 21 and over. Tickets at Auxiliaries (Fidel), Human Resources (Brown), Tech Gym, Macey Center, or PAS office.

## **FOLK DANCE WORKSHOPS:**

--Two folk dance groups from Albuquerque hold workshops on the New Mexico Tech campus over the summer. Although neither group is affiliated with New Mexico Tech, individuals who would like to participate in the workshops may do so by signing up via their websites.

- May 25 - 28 (Memorial Day weekend), FolkMADS (Folk Music and Dance) holds a workshop in contra dance and music. Website is <http://www.folkmads.org/2007Folkmadness.html>.
- Aug. 2 - 5, Southwest International Folk Dance Institute (SWIFDI) holds a workshop, which will feature Turkish and Latin dances. Website is <http://www.unm.edu/~lpetri/swifdi/>

## **MACEY SCHOLARS:**

--Applicants are requested for the NM Tech Macey Scholars Program. The program recognizes Tech students whose accomplishments have brought credit to themselves and to NM Tech. Those selected as Macey Scholars will receive an award of \$5,000.

--To be eligible, students must be either undergraduate students who have completed at least 30 semester hours at Tech or graduate students who have satisfactorily completed one year at Tech. Interested students may file an application. Faculty and staff members can nominate students, but nominated students still need to file an application. Applications are available at <http://www.nmt.edu/mainpage/honors/maceyapp.pdf>

--Completed applications must be submitted by 5 p.m. on Friday, April 13, to Mary Edwards in Student and University Relations (Brown 216). Questions should be directed to Dr. Ricardo Maestas, Vice President for Student and University Relations and Dean of Students.

## **NOMINATIONS WANTED:**

--Nominations are wanted for awards given out at the end of the semester.

- The SA Appreciation Awards are presented by the students to outstanding graduating seniors, faculty members, and staff members who have positively influenced the students and community of New Mexico Tech. Nominations for the awards are currently being accepted from students and can be emailed to Lindsay Hampton, the SA President, at [sa-president@nmt.edu](mailto:sa-president@nmt.edu) with a brief letter of nomination. The deadline for nominations is Friday, April 13.

- Nominees are requested for Alumni Association Awards, to be given out at Commencement on May 12. For information and to nominate people, please see <http://www.nmt.edu/mainpage/alumni/nominate.html>

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

--1205 Vista Dr. is re-listed. Owner is Mrs. Sallie A. Smith, 835-0453 or 268-3322.

--1304 Vista Dr. is for sale. Please call 835-3892 if you wish to view the home.

--SCOPE lists 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.

## **INTERNATIONAL SCIENCE FAIR:**

--Judges and other volunteers are needed for International Science and Engineering Fair (ISEF) in Albuquerque on May 13 - 19. To volunteer, please complete the online form at <http://www.sciserv.org/isef/judging/judapply.asp>

--Volunteers needed for state Science and Engineering Fair, on the Tech campus, Saturday, April 14. Please contact Science Fair at 835-5678.

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

### **Important Academic Dates:**

April 16 - 20: **Registration for Summer 2007.** Monday, Graduate students and Tech Scholars. Tuesday, seniors. Wednesday, juniors. Thursday, sophomores. Friday, freshmen.

April 23 - 27: **Registration for Fall 2007.** Monday, Graduate students and Tech Scholars. Tuesday, seniors. Wednesday, juniors. Thursday, sophomores. Friday, freshmen.

Friday, May 4: **Last Day of Classes**

Saturday, May 5: **Finals begin**

Thursday, May 10: **End of finals**

Saturday, May 12: **Commencement**

Monday, June 11: **Orientation**

Tuesday, June 12: **Classes begin**

Friday, June 29: **New Student Registration:** Fidel Center. Students starting in the Fall semester of 2007 may register. Orientation is on Aug. 18. Contact: [admission@admin.nmt.edu](mailto:admission@admin.nmt.edu) or 1-800-428-TECH.

Wednesday, July 4: **Academic and Staff Holiday**

## **FINAL EXAM SCHEDULE:**

--The final exam schedule is posted at <http://www.nmt.edu/mainpage/registration/sp2007finals.pdf>. Students, if you have any conflicts, please check with the instructors involved. Instructors, please check the schedule. If you have any graduating students, Registrar's needs their grades by 5 pm on Thursday, May 10. Graduating students are listed at <http://www.nmt.edu/mainpage/commencement/c2007/may2007grads.pdf>.

## **MAY 2007 GRADS:**

--If you intend to graduate in May 2007, please check your name, degree, and minor (if any), as this information will appear on your diploma as presented here. <http://www.nmt.edu/mainpage/commencement/c2007/may2007grads.pdf>

--If your name does not appear here and you have turned in an Intent to Graduate, please contact the Office of the Registrar at 835-5133 or by email at [registrar@admin.nmt.edu](mailto:registrar@admin.nmt.edu). If you intend to graduate in May and have not turned in an Intent to Graduate, do so 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 Office for Advancement.*** 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.