

[Note: The DATE of the Student Forum has been changed to Monday, April 16 (it was previously on Weds.) Everything else is the same: 5:30 p.m. - 7:00 p.m., Workman 101. The purpose of the this forum is to have an open dialogue between Administration and students. Students may submit their questions in advance to scope@nmt.edu by Friday, April 13, or questions may be posed from the floor during the event. Dr. Lopez and staff from Student and University Relations are scheduled to attend.]

April 9 - 20, 2007

Monday, April 9

MST Seminar: 3:30 p.m., Cramer 129. Berta Gutierrez, graduate student in Master of Science for Teachers, presents her Independent Study "Requisite Knowledge of the Rio Grande for New Mexico Middle School Students." Public invited.

Hydrology Seminar: 3:30 p.m., MSEC 101. Peter Lichtner, Los Alamos National Laboratory, speaks on "Modeling multi-scale reactive transport processes from pore to continuum scales."

Mathematics Seminar: 4 p.m., Weir 102. Dr. Ranis N. Ibragimov, faculty candidate from McMaster University, speaks on "Evolution of the energy spectrum among a large number of internal waves in the deep ocean."

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

Tuesday, April 10

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

Humanities Seminar: 4 p.m., Tripp Room, Skeen Library. Technical Communication candidate Dr. Clinton Lanier, University of Memphis, speaks on "Making the user the localization expert: Employing user-customizable technology to deliver culturally-specific online content."

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

Tech Amateur Radio Association Meeting: 5:30 p.m., TARA station. Meetings are in the basement of Presidents Hall, through the fenced area.

Wednesday, April 11

Materials Seminar: 2 p.m., Jones 106. Charles V. Robino, Sandia National Laboratories, speaks on "Development of a Gadolinium-Containing Alloy for Spent Nuclear Fuel Disposal in the Yucca Mountain Repository."

Mathematics Seminar: 4 p.m., Weir 209. Kevin Lenth, NMT math graduate student, speaks on "Dealing with the Unlimited: the Hyperreal Number System"

Introduction to XML: 4 p.m., Speare 116. Free class offered by John Shipman of TCC. Today: Formatting for print: the XSL Formatting Objects

Programming with Python: 5:30 p.m., Weir 128. Free class offered by John Shipman of TCC. Today: Numeric and scientific packages

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

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

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.

Scary Movie Night: time TBA, Fidel Center. Sponsored by Student Activities Board.

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 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 "Implications of Climate Variability for Groundwater Resources and Waste Disposal in Semiarid Regions-A Look at Ecological Controls from Annual to Millennial Timescales."

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..

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."

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: late show (around 9 p.m.), Loma Theater. Movie free with Tech student ID. Sponsored by Student Activities Board.

Thursday, April 19

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

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

Paydirt Deadline: Articles may be submitted to 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.

SCOPE Notices

NEWS:

--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>

--Prof. Lara-Martinez Awarded Fulbright,
<http://www.nmt.edu/mainpage/news/2007/3apr01.html>

--NM Tech Grad Student Ranks Highly in Putnam Math Contest,
<http://www.nmt.edu/mainpage/news/2007/30mar02.html>

KUDOS:

--Dr. John Starrett, asst. prof. of mathematics, was one of the participants in the 36th Annual John Donald Robb Composers' Symposium held at UNM on March

26. Starrett lectured on the physics and mathematics of sound and performed several of his own compositions.

STUDENT FORUM:

--The DATE of the Spring Student Forum has been changed to Monday, April 16 (it was previously on Weds.) Everything else is the same: 5:30 p.m. - 7:00 p.m., Workman 101. The purpose of the this forum is to have an open dialogue between Administration and students. Students may submit their questions in advance to scope@nmt.edu by Friday, April 13, or questions may be posed from the floor during the event. Dr. Lopez and staff from Student and University Relations are scheduled to attend.

DR. CHEN CLASSIC GOLF TOURNAMENT:

--Sat., April 21, 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. 1st, 2nd and 3rd place prizes awarded during the Langdon Taylor Banquet on April 22.

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.folkmaids.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.

CUT-THROAT TOURNAMENT:

--Billy Aardd's Club is holding a "Cut-Throat" Billiards Tournament on April 21 and 22. Open to faculty, staff, students, and alumni. The entry deadline is April 21 at 8:30 a.m. More information can be found at "<http://www.nmt.edu/~billiard/tournaments/2007/spring/CUTTHROAT/index.html>".

--Interested people can sign up in the Fidel game room.

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 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 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.

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 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. 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.

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.