OCT. 6 - 16, 2005

SCOPE is a twice-weekly newsletter for the New Mexico Tech community, provided as a service by the Office for Advancement.

Wednesday, Oct. 5

**Enchanted Skies Star Party**: for amateur astronomers from across the nation. Through Oct. 8. Tonight: observing from 10,000 ft. atop South Balady.

**First Anniversary**: of the Great Socorro Hailstorm of 2004. Give an ice cube to someone you love.

**Career Interviews**: Wells 105, 107, 24B. Chevron Corp. Resume submission deadline has passed.

**Chemistry Seminar**: noon, Jones Annex 101. Prof. Michael Heagy of the Department of Chemistry speaks on "Chasing down the Anomalies in Science - and still having fun doing it."

**Programming with Python**: 4 p.m., Weir 128. TCC free class. Tonight: "Input/output; import and modules; exceptions."

**Halliburton Information Session**: 6-8 p.m., MSEC 101. For students interested in interviewing with Halliburton. Students should submit resumes through InterviewTRAK on MonsterTRAK or call 835.5060.

**Movie Night at the Loma**: Late show, Loma Theater on Manzanares St. Student Activities Board will pay for Tech students with ID. Students must show up between 1/2 hour before movie to 15 minutes after movie starts. For details, see http://transluxmovies.com/showtimes.php?tid=6

Thursday, Oct. 6


**Career Interviews**: Wells 105, 107. Halliburton. Resume submission deadline has passed.

**Funeral for Robert Jones**: 1 p.m., San Clemente, 244 Luna Ave., Los Lunas. Tech students who would like a ride should contact Residential Life (which is taking a van to the funeral) at 835-5900
**Introduction to XML:** 3:30 p.m., MSEC 187. FREE TCC class. Today: "XSLT I: translating XML to Web form."

**Geoscience Seminar:** 4 p.m., MSEC 101. Andy Campbell of New Mexico Tech and Virgil Lueth of NM Bureau of Geology speak on "The Molycorp Project." Sponsored by Department of Earth & Environmental Science and New Mexico Bureau of Geology & Mineral Resources.

**Physics Department Seminar:** 4 p.m., Workman 101. Colby Jorgensen, postdoc for MROI, will discuss "Instrumentation Development for Astrophysical Spectro-polarimetry: Sifting Through Cosmic Dust"

**AISES meeting** 5:30 p.m., Jonex Annex 108. Contact Michaela Gorospe for more information

**Programming with Python:** 5:30 p.m., Speare 116. TCC free class. Tonight: "Object-oriented features."

**Schlumberger Information Sessions:** 5:30-7 p.m., MSEC 105, for students in geosciences. 7-9 p.m., Tripp Room, for students in engineering. Students should submit resumes through InterviewTRAK on MonsterTRAK or call 835.5060

**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, Oct. 7**

**Enchanted Skies Star Party:** for amateur astronomers from across the nation. Through Oct. 8.

**Career Interviews:** Wells 105, 107 (Engineering), 24B (Geosciences). Schlumberger. Deadline to submit resumes has passed.


**DEADLINE to sign up for GRE:** to be given on Nov. 12. Information available at www.gre.com or Graduate Office, Fitch 203. (There will also be a GRE on Dec. 10, with a deadline of Nov. 4 to sign up.)

**Blood Drive:** 9:30 a.m. to 4 p.m., SAC. United Blood Services needs blood donors so that they can continue to send some to the hurricane affected areas. To donate, please make an appointment at https://www.bloodhero.com/index.cfm?Sponsor=NMT.
**NRAO Colloquium:** 11 a.m., AOC. Markos Georganopoulos, UMBC, speaks on "Bulk Comptonization of the Cosmic Microwave Background by Extragalactic Jets as a Probe of Their Matter Content."

**Management Club Speakers:** 11 a.m., MSEC 105. Tom Stephenson, General Managing Partner of Verge New Mexico Seed Fund and Bill Bice, Special Limited Partner of Verge and founder of ProLaw Software, will speak about venture capital. Some of the topics will include startup funding, business creation, and the importance of the engineering/management interface. Event is open to everyone.

**Memorial Service for Robbie Jones:** 3 p.m., Tripp Room, Skeen Library. All friends, faculty and Tech employees are welcome to attend. If you would like to say a few words in remembrance of Robbie, you will be given the opportunity to do so. For further information, see http://infohost.nmt.edu/mainpage/news/2005/3oct01.html

**American Chemical Society meeting:** social and dinner at 5:30 p.m., Socorro Springs Brewing Co. Talk at 7 p.m., Lavendar Lounge, Jones Hall. Dr. Steven Dutch, Prof. of Geology, U. Wisconsin at Green Bay, speaks on "Beware of the Pseudoscientist." Meal options: rib-eye steak, $15; vegetarian lasagna, $8. Students eat for half price. Make your reservations by Weds., Oct. 4, through Connie Wright, Chemistry Department secretar, voice: 505-835-5263; fax: 505-835-5364.

**Tech Club/Club Macey Social:** 5-7 p.m., Macey Center.

**Jesse Cook:** 7:30 p.m., Macey. Fusion of rumba-flamenco with world music and percussion. Tickets: $16 adults, $14 seniors, $12 youth. Part of Performing Arts Series. Press release at http://infohost.nmt.edu/mainpage/pas/jesse.html

**Saturday, Oct. 8**


**SocorroFest:** 9 a.m. to 10 p.m., historic Plaza and other spots around town. Showcase of local performing and visual artists, food vendors, NM microbreweries and wineries, non-profit orgs. Family activities, tours of historic Socorro, soapbox derby, rikshaw shuttles, children's games and more.

**Rugby Match:** 1 p.m., Tech Athletic Field. Tech RFC vs. Albuquerque Brujos. For information, call 835-5854.
Soccer Matches: Tech Athletic Field, Socorro. 11 a.m., NMSU vs. Ft. Lewis. 4 p.m. NMT Miners vs. NMSU.

Sunday, Oct. 9

X Prize Cup Event: Las Cruces airport. Carpool leaves from South Hall parking lot at 7:30 a.m. and returns to campus around 8 p.m. The X Prize Cup is a two-week long event that allows for privately-financed, passenger-carrying space vehicles to compete for prizes. This is your chance to see six different spaceships currently in testing, watch them fly, and meet the pioneers, pilots and astronauts who conceived them. Please email if you will be coming and let me know if you will be driving, how many extras you would have room for (if you would like to help carpool), or if you will be needing a ride.

Soccer Matches: noon. Tech Athletic Field. Tech Miners vs. Ft. Lewis

Monday, Oct. 10

Columbus Day: National holiday. Tech classes in session; banks and federal offices closed.

Talk on Venture Capitalism: 11 a.m., Weir 104. Speaker, Dr. Andy Salazar, PNM Chair in Microsystems, Commercialization, and Technology at UNM, will speak about the High Desert Venture Camp, which will be held at UNM on Saturday, Oct. 29. The Venture Camp is a workshop and networking event centered around technology commercialization that is designed for college students. Information is available at www.highdesertventurecamp.com. Other details are available at www.nciia.org.


Hydrology Seminar: 3:30 p.m., MSEC 103. Mekonnen Gebremichael of New Mexico Tech speaks on "Toward characterizing the spatio-temporal variability in global precipitation measurements."

National Student Exchange and Study Abroad: 5:15 p.m., Workman 101. Brandon Samter, Director of International and Exchange Programs, will cover places to go and the steps on how to get there. "Life is either a daring adventure or nothing," Helen Keller. (Repeated Oct. 18 and 26.)

FE Review: 6 p.m., MSEC 101. Dr. Ghosh reviews economics.
Women's Resource Center: 7 p.m., Weir 102. Shelly Sommer will present a talk entitled, "The natural woman: Scientific views of female nature from 1300 through the present." As long as western science has existed, it has investigated human nature; this investigation has almost always been gendered. This talk explores how scientific views of what is "natural" for women were constructed very differently in different times.

Tuesday, Oct. 11

Introduction to XML: 5:30 p.m., MSEC 187. FREE TCC class. Today: "XSLT III: sorting and searching features"


Student Association Meeting: 8:30 p.m., Workman 109. Open to all students.

Wednesday, Oct. 12

Midsemester

Programming with Python: 4 p.m., Weir 128. TCC free class. Tonight: "Special method names; earth-mapping example."

Tech Club/Club Macey Annual Meeting: 5 p.m., Macey Center. Includes magic show.

FE Review: 6 p.m., MSEC 101. Dr. Burleigh reviews statics.

Thursday, Oct. 13

Open Access Panel: 2 to 4 p.m., Tripp Room, Skeen Library. Discussion on open access publishing and institutional repositories. Panelists are:

- Johann van Reenen, Assistant Dean for Research and Instruction Services for UNM Libraries.
- Brian Borchers, Professor of Mathematics at New Mexico Tech, where he specializes in optimization and interdisciplinary applications of mathematics.
- Daviess Menefee, Director of Library Relations for the Americas at Elsevier.

Introduction to XML: 3:30 p.m., MSEC 187. FREE TCC class. Today: "XSLT II: XPath and basic XSLT."

Geoscience Seminar: 4 p.m., MSEC 101. Ellery Hamilton-Smith of Charles
Sturt University. Sponsored by Department of Earth & Environmental Science and New Mexico Bureau of Geology & Mineral Resources.

Physics Department Seminar: 4 p.m., Workman 101. Graduate student Guglielmo Fucci speaks on "Path Integral in Quantum Mechanics"

Programming with Python: 5:30 p.m., Speare 116. TCC free class. Tonight: "Input/output; import and modules; exceptions."

Career Information Session: 5:30, Tripp Room, Skeen Library. For students interested in EnCana Oil & Gas.

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, Oct. 14

Career Interviews: Wells 105, 107 (Engineering), 24B, C (Geosciences). EnCana Oil & Gas. Résumé submission deadline (pre-select): Sept. 30. Students should submit resumes through InterviewTRAK on MonsterTRAK or call 835.5060

Saturday, Oct. 15

Sevilleta & La Joya Open House: all day. Sevilleta National Wildlife Refuge is a scenic and natural area, located about 20 miles north of Socorro, at exit #169. For information, see http://www.fws.gov/southwest/refuges/newmex/sevilleta/

Soccer Match: Tempe. Tech Miners vs. Arizona State

Sunday, Oct. 16

Soccer Match: Tucson. Tech Miners vs. Univ. of Arizona

For events further in the future, see the New Mexico Tech Calendar, http://infohost.nmt.edu/mainpage/calendar/mastercal.html

SCOPE Notices
NEW ON THE WEB:

--Pygmies Secure First Win over El Paso,
http://infohost.nmt.edu/mainpage/sports/05oct05.html

--Lopez Named Again as NM Power Broker
http://infohost.nmt.edu/mainpage/news/2005/5oct01.html
http://www.nmt.edu/%7Escape/scope.html

--NMT Enrollment Increases 3 Percent,
http://infohost.nmt.edu/mainpage/regents/05sept28.html


--Student-Painted Mural Graces NM Tech Campus Observatory

PAYDIRT DEADLINES:

--The editor of Paydirt the student newspaper, is James Tabinski.

• Issue #4 - October 7
• Issue #5 - October 21
• Issue#6 - November 4
• Issue#7 - November 18
• Issue#8 - December 2

GRE

--The test dates and deadlines for the GRE subject test for this year are:

• November 12, 2005 - Deadline to apply October 7, 2005
• December 10, 2005 - Deadline to apply November 4, 2005

Those who are interested in taking this test can apply on line at www.gre.com or may pick up an application at the Graduate Office, Fitch 203. This test will be given on the New Mexico Tech campus on these dates.

KUDOS:

--Dr. Sayavur I. Bakhtiyarov, associate professor of mechanical engineering, has been awarded a DOE grant of over $700,000 for a project entitled "Technology of In-situ Gas Generation to Recover Residual Oil Reserves."
FE REVIEW:

--Are you reviewing for the coming Fundamentals of Engineering exam? The following review sessions are offered, all in MSEC 101 at 6 p.m.

- Monday, October 10, Economics, Dr. Ghosh
- Wednesday, October 12, Statics, Dr. Burleigh
- Monday, October 17, Electrical Engineering, Dr. Wedeward
- Tuesday, October 18, Mechanics of Materials, Dr. Majumdar
- Wednesday, October 19, Dynamics, Dr. Lyons
- Monday, October 24, Chemistry, Dr. Pietraß
- Tuesday, October 25, Thermodynamics/Heat and Mass, Dr. Weinkauf
- Wednesday, October 26, Fluid Mechanics, Dr. Chen

ENJOY A TASTE OF HOME COOKING!

--Macey Center and the Mountain Mail bring you the Taste of Home Cooking School on Monday, October 17. Tamra Duncan, a home economist with Taste of Home magazine, will be on stage cooking, instructing and entertaining for two hours. She'll prepare 11 dishes and give them all away. The event will include dozens of door prizes to be given away to ticket holders. Each ticket holder will receive a goodie bag that includes a Taste of Home Cook Book, manufacturers' samples and coupons, and gifts from local retailers and businesses. Tickets are $10 and are available from the Mountain Mail newspaper (824 N. California St., 835-2030) or the Socorro County Chamber of Commerce (on the Plaza, 835-0424).

VIOLIN LESSONS AVAILABLE:

--The NMT Music Program is working with musicians of the NMSO to arrange for string (violin and viola) instruction in Socorro. Depending on interest, private and group lessons may be available once or twice a week. Tech students and adults and youths in the community are eligible to sign up. If there is sufficient interest, Suzuki violin lessons for young beginners may also be offered.

The instructional schedule depends on interest! If you are interested, contact Doug Dunston to let him know ASAP.

49ers IS COMING:

--Sign up now for the 49ers Parade on Sat., Oct. 22. The students have chosen a theme of "Contributing to the Delinquency of Miners." Line-up is at 10 a.m., with the parade at 11 a.m. Floats, marching units, and other parade entries should sign up by contacting Denise Elvrum
--Support the SPE. Play golf! 49ers Gold Rush Golf Tournament coming, Oct. 21, 1 p.m. Only $49 for two-person team! For details, see http://infohost.nmt.edu/mainpage/alumni/49ersgolf.html

--The preliminary schedule for 49ers is now online at http://infohost.nmt.edu/mainpage/events/49erssched05.html

FACILITIES MANAGEMENT CONSTRUCTION UPDATE:

--Updated on Oct. 4, 2005. Thanks to Glenda Chavez of Facilities Management for providing this information. If you have specific questions about this list, please contact Glenda

ORANGE BARRIERS: Facilities Management requests that everyone be aware of the orange safety barriers on campus. The orange barriers have been placed for the purpose of personal safety and protection.

Emergency hot water loop project: first phase will be complete by 11/30/05 Parking along Campus Drive will be closed until that date.

Hail Damage Repair Schedule:

Following are the anticipated starting dates for roof construction.

Workman Gold Addition, 10/10/2005
Pro Shop, 10/10/2005
West Hall, 11/14/2005
MSEC, 11/28/2005
AOC Guest House, 12/12/2005
EMRTC, 12/12/2005
Shipping and Receiving, 12/19/2005
Etscorn Observatory, 12/27/2005
Communications Center, 1/9/2006
Gym Addition, 1/16/2006
OEO Homeless Center, 1/16/2006
Macey Center foam roof -- start, 10/10/05; end, 11/10/05
Mountain Springs Apts., start, 10/10/05; end, 11/28/05
Martin Speare, start date 7/18/05
Skeen Library, 11/01/05
Gym, 10/10/05
Bureau of Min Res, 10/24/05
ISD, 10/28/05
Altamirano 11/28/05

Date Pending: South Hall
Chiller Plant Addition:

The Chiller Plant establishes additional operational chilled water lines throughout the campus. Mechanical and electrical rough-in are being established. Estimated completion: November 2005.

Magdalena Ridge Observatory

- 3-Phase electrical upgrade to Langmuir facility from Magdalena
- Road Maintenance and upgrade - the road is maintained to provide continued drivability and safe conditions. Maintenance is performed continually.
- Utility Trench Construction
- Single Telescope Building Construction

Cramer Hall Renovation:

Existing and new building is being framed, mechanical/electrical near completion at new addition, decking will be placed at second floor. Estimated finish date: 6/11/06.

Fidel Student Services Center: Expected finish date: 12/05

REGISTRAR’S OFFICE (BROWN 100:)

Important Academic Dates:

Wednesday, Oct. 12: Midsemester

Friday, Oct. 21: Academic Holiday: 49ers Celebration and Alumni Homecoming

Tuesday, Nov. 1: Grade Option Deadline: LAST DAY to choose S/U or Audit options or to withdraw from a class with a "W." These functions may be performed at the Registrar’s Office, Brown 100, before 5 p.m.

Thursday, Nov. 24 and Friday, Nov. 25: Thanksgiving Academic and Staff Holidays

Monday, Nov. 28 through Friday, Dec. 2: Registration for Spring 2006 semester

Friday, Dec. 9: Last day of classes
Saturday, Dec. 10: **Finals begin**

Thursday, Dec. 15: **Last day of finals**

Friday, Dec. 16: **End of semester**

--Questions concerning academic policies, degrees, grades, etc. are welcome at our office. Come by and see us at Brown Hall, room 100.

**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 a twice-weekly calendar of events at New Mexico Tech, published by the Office for Advancement, Brown Hall 111.

To receive SCOPE by e-mail or to unsubscribe, go to http://lyris.nmt.edu/read/, scroll down to scope, and click "subscribe" on the right side of the screen.