

Tech science departments to close in May

School to specialize in business; most students expected to transfer to UNM

by Mot Senoj
PAYDIRT STAFF REPORTER

Due to the staggering state deficit, the New Mexico Legislature instructed the Tech Board of Regents to follow a 16-month Committee on Higher Education plan to transform the school from a science-based to a business-based school.

"It costs far less to educate a liberal arts major than it does a science major," a legislative report stated. "New Mexico's large deficit and worsening recession are leading to the reconsideration of many state facilities, and the priorities of the state in general as we approach the twenty-first century." The plan was recommended by the legislature's Committee on Higher Education (CHE), which is responsible for representing the universities and colleges in New Mexico to the state legislature.

The state is facing a \$43 million deficit this year, and is desperately attempting to cancel any programs that it can. The operating budget of all of Tech is approximately \$52 million per year, including revenue from tuition and government contracts. The plan is expected to save \$12 million the first year, and \$27 million each year after that.

The CHE report stated that, due to the recession currently affecting the state, "It does not make sense for New Mexico to spend thousands of dollars each year to educate students in science disciplines when the vast majority of the available jobs are in the service industries. While it is a convenience to have a reputable science-based institute of higher education, what New Mexico needs to grow and expand into the twenty-first century is more students versed in business, rather than in the fields of science."

The Tech Business department was established in the fall of 1990 in an attempt to increase student enrollment, and helped lead to Tech's 12% enrollment growth this past fall. Under the 16-month plan proposed by the CHE, the Business department will expand into

SCHOOL IN TRANSITION

NM Tech



NM Business School

three separate Management, Economics, and Marketing departments.

At the end of the current spring semester, most of Tech's science and engineering departments will all be consolidated into one Department of Sciences, which will provide a rudimentary science education for the business majors. The Science department will be similar in scope to the long-existing Humanities department in that it will teach a variety of subjects under one management.

Students currently enrolled in all majors except Technical Communication, Business, and Mining Engineering will receive full transfer credit at the University of New Mexico in Albuquerque. When asked if it would be less expensive to educate current Tech students at UNM, a CHE member stated, "It would cost far less to educate each student at UNM, for the class sizes at UNM are greater. Laboratory equipment is also less expensive at the university because there is less of it per student. We also expect to earn more in parking fees."

The report stated that transfer credit at New Mexico Highlands University in Las Vegas was also under consideration.

Included in Tech's academic consolidation will be the Electrical Engineering department, which was created at the same time as the Business department. "While the EE department has in that time attracted

more students, it is anticipated that the Business program would outpace that department within a few years anyway," the report states.

Unaffected by the plan will be the Mining Engineering department. Since the New Mexico Institute of Mining and Technology was created by the Territorial Constitution in 1889 as "a school of mining," it would require an additional constitutional amendment to eliminate that department. That amendment would require passage by the state legislature and governor, and approval by the population of New Mexico in a special referendum.

The Technical Communication division of the Humanities department will also remain, as it "contributes substantially to the business curriculum." It is possible, though, that the scope of the program will be changed so that it issue Bachelor of Arts degrees, rather than Bachelor of Science degrees as it currently gives.

The remainder of the Humanities department is likely to be cut back substantially. "Businesses are not looking for people who have had literature or philosophy classes. They are looking for people who can run a business. However, this Committee does recommend the establishment of a department of journalism, as the Institute is in need of a functioning newspaper."

The 16-month plan is titled "Proposed Transformation of New Mexico Institute of Mining and Technology into the New Mexico Institute of Mining and Business." The 16-month period will start this May and conclude in August of 1992.

It is currently unclear what the fate of faculty in the slashed academic departments will be. While the plan states that "those engaged in contractual research will be allowed to complete the terms of that research," it states that most of the research staff may only be employed on a part-time basis after this May. The plan does not call for any additional hiring of science faculty at UNM, as that would increase the state deficit.

Tech President Laurence Lattman was not immediately available for comment.



No Alcohol at Tech

the aftermath of the ban

SA purchases UNM cheerleading squad with Spring Fling alcohol budget of \$62,000

by Emmalina Shurdup
UNM CORRESPONDENT

In an unusual inter-college move, the Tech Student Association has purchased the financially troubled UNM cheerleading squad at a special meeting last Thursday night.

The cheerleaders are scheduled to first perform during the coming Spring Fling, April 19-21.

The purchase comes in the aftermath of the UNM Student Association's decision not to provide funding for that school's band or cheerleading squad. While the band was able to find funding from UNM's athletic budget, the cheerleaders were unable to locate an alternate source of money, and, facing a shortage of \$62,000, were expected to close operations as soon as they depleted their current revenues.

According to Alan Kerr, SA Presi-

dent and 19-year veteran of Tech student affairs, the purchase was made with funds which previously would have been used for alcohol at the upcoming Spring Fling and 49ers student festivals. As reported in the previous issue of *Paydirt*, the Regents banned alcohol at those events last month.

The SA Senate was highly divided on the motion, which passed with eight Senators voting for the motion, seven voting against, and one abstention.

Those voting against the measure held the opinion that the cheerleaders would not fit in well with Tech's population. "We're too science-minded here. Besides, they'll lower the average IQ on campus by fifty points," said SA Senator Charlene McBride.

Those voting for the acquiring of the cheerleaders held the viewpoint that the
Continued on Page 2, Column 1



The Concerned Fellows Lemonade Stand. Tech President Laurence Lattman is shown in this photo purchasing a \$10.00 glass of lemonade from three of the Concerned Fellows of New Mexico Tech at their lemonade stand in front of Brown Hall sometime last week. The disguises are intended to protect the Fellows' identities, which are currently being requested in a lawsuit filed by Tech. The Fellows stated that the proceeds from lemonade sales are going to benefit their legal defense fund to fund their quest to preserve their anonymity. As the Fellows claimed in their letter that campus was contaminated with depleted uranium, a sign at the lemonade stand reassures customers. "contains no uranium." Other possible fundraisers that the Fellows are considering are selling sno-cones at Spring Fling or T-shirts reading "I'm concerned. Why aren't you?" The photo was supplied by an individual who requested that he not be identified.

LPLP-Plant Report

The LPLP Physical Labor as possible
by Barry Allen
PAYDIRT STAFF REPORTER

Dr. Lattman's name need to be replaced
however, as they have been called "as
illigible as his handwriting." When this

Some of the 500 bricks that are bearing
Dedication ceremonies will be per-
formed on Friday, September 13, 1991.
Word is also continuing on the LPLP
Lattman Low Yield Nuclear Power Plant.
This LPLP-Plant they have just been on
the project is actually being done by the
LPLP-Plant; they have just been on
Garage. The new parking garage will be
able to hold approximately 6000 vehicles
when completed, provided these are
either Chevy Geo's, or Daihatsus. (For
larger cars, the capacity will be slightly
lower, around 250. Each student that
produced can be utilized for making of
artillery shells. This will allow TERRIC
matters. In response to this plan, a
Campus Police spokesman stated, "We
issued another ticket just last month.
Perhaps this would be a good time to start
a separate agency, while there isn't much
of a problem."

So what are the subcontractors
while drinking their coffee.
In the spillly green utility vehicles
something to watch as they cruised by the
strategy also allowed them to have
done on campus to subcontractors. This
the Memorial Brick Thing, to symbolize the
of the Central Fountain Plaza Early
the architect responded that he wanted
falling apart due to low quality cement.
Tech has joined the nationwide Univer-
sity Parking Congress (UPC). The purpose
of the UPC is to unify the parking
regulations at each of its members, and
to provide one coherent and fair
nationwide secondary education parking
system.

The UPC has established a number
of guidelines to meet this purpose, called
the UPC Codes. Tech will be adjusting its
parking system to follow these standards.
A Department of Institute Parking
(DIP) has recently been created, and is
situated between Campus Police and
Physical Plant. DIP is separate from
Campus Police, which until now has
issued the occasional parking tickets.
Separating the DIP from the Police will
allow the certified officers to tend to
more important business than parking
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LPLP-Plant has also finished the
LPLP-Plant and westwishing ring.
Lary Lattman said westwishing the
located at the corner of the athletic field.
Students wishing to use the ring can
check out the ropes and bell for the
is ready to leave, we can have a vandal
free campus." Students will also be able
to save on insurance, since their cars
Have a complaint about something
the attendant.
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ACT scores." "I don't think anyone will care about their
Squad leader Stephanie "Pompoms"
McNiny was quoted in response to the
byout, saying, "Oh, wow. Far out. I
mean, like, totally cool."
At last check, the cheerleading
squad was working on a new yell for use
on Tech campus:
"E to the X, d, x, d x
E to the Y, d, y.
Scanm, tangent, cosinc, sine,
Three point one four one five nine."
Astro club plans
trip to Olympus
Mons

The Astronomy Club of New Mexico
PAYDIRT STAFF REPORTER
by Michelle Collins
Tech is trying to raise funds to enable
them to be the first club to take an
extraterrestrial field trip. The trip would
last for six months (each direction) with
a one-week stop at Mars. The total cost
for the trip is estimated at \$12 billion. A
project raised approximately \$3.95 from
Physics alumni. The club is hoping to
raise the rest of the money through
corporate grants, and expects to submit a
"rather large" budget to the SA next
year.

New parking rules and permits; new library converted to garage

by Mot Senoi
PAYDIRT STAFF REPORTER

In order to obtain accreditation for
several of its departments, New Mexico
Tech has joined the nationwide Univer-
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UPC member institutions are re-
quired to give each of their parking lots a
letter, from A to Z and from AA to ZZ.
In a rather strict reading of this system,
Tech's eleven parking lots will be
subdivided into smaller "sublots" in order
to have fifty-two of them. These are
ordered from East to West and North to
South in accordance with the UPC
Codes. The West Hall lot, for instance,
will be called lot VV. The large lot next
to South Hall will be called lots MM, NN,
OO, PP, QQ, RR, and SS.
Students and faculty will be required
to pay \$46 per semester for a parking
permit that will allow them to park in one
particular lot only. Those who park in
unauthorized areas will receive tickets
complete with \$29 fines (including
administrative fees to pay for the DIP
ticket). Any Tech student or employee
receiving more than four tickets in a
semester will face suspension from the
Institute. In accordance with national
standards, each lot will be oversubscribed
by approximately 10%, meaning that
should everybody with a permit show up
to claim a parking space in a particular
lot, one in ten of them would have to park
in a special "guest overflow garage."

Each year, Lattman Coliseum will begin just as soon
as the Regents approve the funds. The
construction of the stadium, as well as
the influx of tourists to the area due to
this distinction, should provide a real
boost to the economy of the community.
The awarding of the games represents an
enormous success for the campaign that
Tech has embarked on to enhance name
recognition. "Having the Olympics here
will provide more attention than a dozen
advertisements in *Sports Illustrated*," a
Tech spokesperson stated.

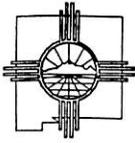
A Tech official who requested
anonymity stated, "Tech has been the
victim of an uncivilized parking system
for too long. We will finally enter the
league of important universities when we
abandon this archaic system of unclassi-
fied lots, free parking, and less than a
half-dozener parking tickets being issued
each year."

After much campaigning and per-
suation by Tech President Laurence
Lattman, the International Olympic
Committee has decided that Socorro
would be the ideal place to hold the
Summer Olympic Games in 2220, with
Tech acting as Principal Host. Construc-
tion of the new 330,000 people capacity
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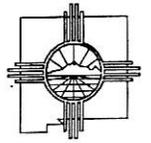
PAYDIRT

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PAYDIRT



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Monday, April 1, 1991

Spring Fling 1991 Annual student festival will be held April 19-21

by Leann M. Giebler
PAYDIRT STAFF REPORTER

Spring Fling festivities will be held on Friday, April 19 through Sunday, April 21 this year. As we all know, this year's festival will be a non-alcoholic event, but that should not put a damper on the great fun to be had.

Starting on Friday, an "unofficial skip day," will be the raft race, the pit digging and crossing, and a Barbecue held by Campus Dining at the amphitheater. Later that evening a dance by the band the *Colliders* will be at the amphitheater.

On Saturday, the meat of the fun begins with early morning sand-pit volleyball, and Rugby at 1:00pm, Tech Pygmies vs. the Albuquerque Aardvarks, on the athletic field. Later at the amphitheater, the booths will be opened and the Slip n' Slide and the Twister games readied for use. (If any club wishes to have a booth at the amphitheater, contact Debra Miller at Box 2433, or phone her at x6267 for details.) Some of the contests scheduled to be held at the amphitheater are best tan, worst tan, best body, and best beer belly. The second refereed athletic event of the day will be the flavored gelatin wrestling contest. If you wish to participate in the event, just show up ring side. Campus Dining will serve supper; will be followed by a

concert and dance.

Sunday ends Spring Fling festivities with a race to paint the M on Socorro Peak at 10:00am.

One of the activities is the raffle for the jobs of some of the officials on campus. President Lauerne Latman, Dean of Students Frank Etsorn, and Director of Student Life Rhonda Savedge St. George have volunteered their positions for Wednesday, April 17. If you win, you will have the chance to perform an official's job while that official will go to your classes and to your job. You will have to look for announcements as to when the .50¢ tickets will be on sale, but the last day to buy one is Friday, April 12, and the winners will be announced on Monday, April 15.

Bracelets will be available the week before Spring Fling, and will be required to attend the events. There will be no charge for student bracelets, but non-students will have to pay a fee. Look for announcements on where and when the bracelets will be distributed.

Spring Fling 1991 T-shirts and commemorative cups will be available; look for announcements around campus to get yours. Also, if you want to participate in are the raft race or painting the M on Socorro Peak, you will have to sign up in advance by contacting the SA Office at Box AA Campus Station.

Election '91

Presidency in runoff; Koerner elected Vice-President; Senate determined

by Leann M. Giebler
PAYDIRT STAFF REPORTER

In a record turnout on March 27, Amy Koerner was elected SA Vice-President; twelve Senators were elected, as was one alternate. A decision on the proposed constitutional amendments is pending as of this writing. Because of split votes among Presidential candidates, there will be a runoff election between candidates Jarrett Airhart and Thomas Jones tentatively scheduled for Wednesday, April 10.

For a Presidential or Vice-Presidential candidate to be elected, she must have received over half of the votes cast. If more than two candidates are running for a position, the chances that one candidate will receive over half of the votes are small. Presidential candidate Mr. Airhart received 112 votes; Mr. Jones received 94 votes; and Mr. Bobby Kehrman received 90 votes. The runoff election will be held between candidates Mr. Airhart and Mr. Jones, who were the two candidates that received most of the votes. While the SA scheduled the runoff for Wednesday, April 10, scheduling difficulties may force this date to be changed. Signs will be posted throughout

campus announcing the date as it approaches.

Ms. Koerner won the Vice-Presidential election with 153 votes; her opponent Eric Wagoner received 137 votes.

Presidential and Vice-Presidential terms begin after Commencement in May.

Thirteen candidates ran for the 12 available Senatorial positions. Each student could vote for up to five candidates.

The first 10 candidates will enter their year-long terms in May. The following two candidates will fill in terms expiring in December.

The total votes each Senatorial candidate received follow:

Kim Bell	178
Eric Wagoner	165
Stephen Smoogen	123
Randy Jensen	122
Phillip Jones	110
Roganne Leftridge	98
Alan Kerr	95
Scott Madison	92
Chris Manspeaker	87
Sergio Torres	71
Mike Donnelly	69
Michael Latham	63
Gabe Burgess	57

Continued on Page 2, Column 1.

Tuition, fees to increase 5%/10% in fall Money will be directed to providing 2.2% pay increase for faculty and staff

by Thomas Jones
PAYDIRT STAFF REPORTER

New Mexico's higher education employees are the only group of state workers who were not voted a cost of living pay increase by the State Legislature at their recently concluded session, and Tech's administration has provided a tuition and fees hike to provide Tech employees with a 2.2% pay raise.

The proposed pay increase is five percent for out-of-state undergraduate students, and ten percent for all in-state students and out-of-state graduate students. All fees will rise, by an average of nine percent. In-state undergraduate tuition will be increased by a larger percentage because it is a lower value and the absolute increase is therefore smaller. Out-of-state graduate tuition will rise the same higher amount because most of those students receive fellowships or scholarships that cover the cost of tuition.

Each of the past two years, tuition has been increased with a maximum of ten percent for some groups of students, always including undergraduate residents. The administration has pledged not to raise tuition more than 50% total during five consecutive years for any group, and this increase is within that limit. Last year, the hike was five percent for all out-of-state students and ten percent for all in-state students. More fees are also increasing this year than usual.

Tech President Laurence Latman described the increase to the

Institute Senate at that body's meeting on March 19, and it was briefly discussed.

The increase was also mentioned by Student Association President Alan Kerr at the SA meeting on March 26, but very little comment on the subject was made by

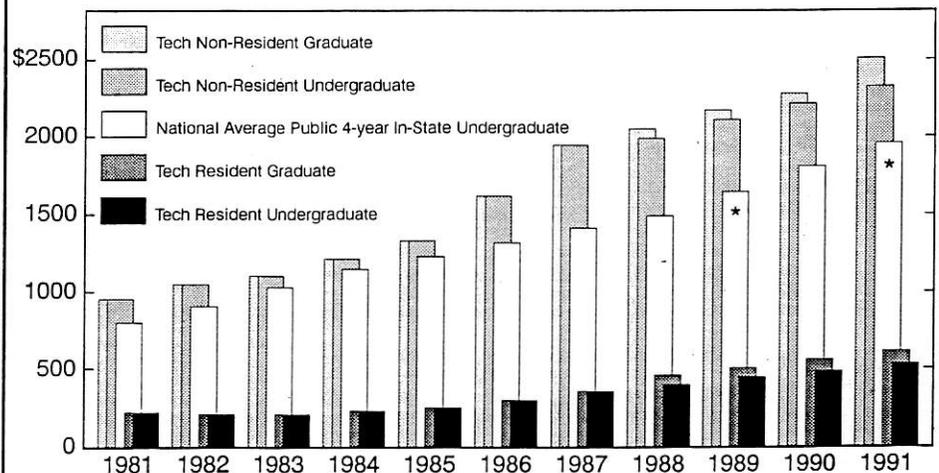
the students present.

The increase is subject to the approval of the Board of Regents, who are likely to vote on the issue this month. The Regents determine most fundamental campus policies.

The academic departments voted to provide the increase to faculty on a merit-based system, where those determined to have greater merit by their department would receive larger pay

Continued on Page 2, Column 3

Ten Years of Tuition Inflation



Number refers to the academic year beginning that year; i.e., "1981" refers to the 1981-1982 school year. Tech data for 1991 assumes passage of the proposed 5%/10% increase. Tech graduate and undergraduate tuition were identical until 1988. Tech tuition information supplied by the office of Budget & Finance; National Average information supplied by U.S. Department of Education and the College Press Service. Fees are not included. Graphic by T. Jones.

* National Average for 1989 was unavailable from the DoEd and is extrapolated from U.S. Department of Commerce Inflation Rate Data, and is therefore subject to error (±5%). Likewise, 1991 National Average is a projection and is only provided for rough comparison (±10%).

Constitutional referendum results still under decision in SA election

Continued from Page 1

Just over 30% of the eligible voters turned out when 302 of 981 returned valid ballots. This is a record high for recent years. Three of the ballots had to be thrown out because they were defaced and were invalidated.

As of this writing, the SA Supreme Court has not yet decided whether the students have ratified the three Constitutional amendments. The status of ratification depends on how specific clauses of the current Constitution are interpreted.

Amendment I, which read "The Student Association shall not discriminate against any person or organization on the basis of race, religion, sex, sexual preference, national origin, age, or political affiliation, except as provided for in Article IX, Section 5" received 179 votes yes, 43 votes no, and 61 abstentions.

Amendment II, which read "The

Senate may dismiss a member of the Supreme Court by a 2/3 majority vote. Should this happen, the President shall appoint a new Justice. This appointment must be ratified as described in article VII, Section 2." received 191 votes yes, 35 votes no, and 56 abstentions.

Amendment III, which read "The Supreme Court shall determine the eligibility of all candidates for elective office. persons under disciplinary probation shall have their classes reviewed by the Supreme Court in order to determine their eligibility for candidacy. Persons under academic probation shall be considered ineligible to hold any office in the Student Association. President and Vice-President candidates must be in good academic standing." received 179 votes yes, 48 votes no, and 55 abstentions.

Concerned Fellows lose another appeal, at US District Court; running low on legal options

by Thomas Jones
PAYDIRT STAFF REPORTER

The Concerned Fellows suffered another setback on Tuesday March 19 when their appeal for anonymity was denied by the US District Court.

The first loss was in the state District Court in Socorro last December 12, when District Judge Leslie Smith ruled that Tech was justified in requesting that the A-Thrifty Mailbox Company of Albuquerque release the Fellows names. The Fellows soon appealed to the New Mexico Supreme Court, but were not upheld there, either.

The next step in a continuing appeals process could be at the Federal Circuit Court, but such an appeal would likely be difficult for the Fellows considering that the case ruling has not been overturned in any lower courts.

The Concerned Fellows of New Mexico Tech is an anonymous organization of presumably local residents who sent letters to parents of prospective students last spring stating that the Tech campus had been polluted with depleted uranium and that the administration was not sensitive to student needs. No other activities have been publicly attributed to the organization. In their letter, the Fellows stated that they did not provide their names because they feared possible

Havard students hold "eat-in" to protest Confederate flags

COLLEGE PRESS SERVICE

About 70 Havard University students held an "eat-in" at a dorm to protest two students' hanging of Confederate flags from their dorm windows. For a day, another student retaliated by hanging a flag with a swastika on it from her dorm window.

"What we need is more of an administrative commitment on this issue," Black Students Association representative Mecca Nelson told the protesters.

Dean L. Fred Jewett maintained he was "sympathetic" to the people who were offended and that he was willing to write a letter to the students who displayed the flags, but that he could not force them to take them down.

retaliation from Tech President Laurence Lattman.

The Tech administration filed in the state District Court for release of the name or names of individuals who rented a post office box in Albuquerque that was listed as the return address in those letters. In the filing, Tech stated that it intends to prosecute the individuals. Obtaining their names would be the first step in such a process.

The administration alleges that the Fellows slandered Tech with the statement about the depleted uranium contamination, and that the Fellows stole a confidential list of prospective students' addresses, to which the letters were sent.

The decision regarding how far to prosecute the matter, if at all, is left to the Board of Regents.

Paydirt was unable to determine any information about a time scale for resolution of the legal proceedings, and when, if the Fellows were to not file any more appeals, their identities might be learned.

Tech administration officials declined comment on the matter, stating that their lawyers had advised them not to make statements on any court case still in progress.

Due to their anonymity, the Concerned Fellows were unavailable for comment.

U-SC gave gifts to US Senator

COLLEGE PRESS SERVICE

The University of South Carolina in Columbia gave free tuition to the son of US Senator Mark Hatfield (R-Oregon) and four pieces of art worth \$9,300 to the Senator at a time when USC was lobbying Hatfield's Senate Appropriations Committee for a \$16.3 million grant to build an engineering building on campus.

South Carolina ultimately won the grant, but Hatfield spokesman Bill Calder said the gifts, approved by then-USC President James B. Holderman, did not influence the Senator.

Such gifts "ceased with Dr. Holderman," USC spokeswoman Drbra Allen told the Associated Press. "We don't do that now," she added, noting the school has abolished the "discretionary fund" Holderman had used to give Hatfield the presents.

Tuition will rise 5%/10% to pay faculty; fees going up too

Continued from Page 1

increases, but the average of all faculty would still be 2.2%. All other departments on campus will probably apply the 2.2 percent raise without variation to all of their employees.

Each of the fees was considered separately, and therefore the increases are different for the different fees, ranging from five to fourteen percent.

Rising least are the Student Activity Fee and Institute Activity Fee, both of which comprise most of the SA budget and combined will increase by five percent. The Student Activity Fee will be raised from \$42 to \$44, and the Institute Activity Fee will change from \$5.50 to \$6.00.

The Equipment Replacement Fee will be rising from \$20 to \$22 in consequence of the State Legislature's failure to provide Tech with any funding for that purpose. No other institute of higher education in New Mexico received any funds in this category either.

Rising most is the Sports Activity Fee, which will be changing from \$14 to \$16 (14%). The increase will be directed to the Swim Center, which currently receives no money from that fee.

The Building Bond Fee will rise from \$68 to \$75, as the school plans to

retire within nine years its bonds from various construction projects on campus. That process is expected to save the school three million dollars.

The Student Center Fee will be rising from \$22.50 to \$25.00 to pay for maintenance on the SAC building.

The Auxiliaries Fee will be rising from \$30 to \$33. It was stated that the fee has not risen as fast as inflation, and that the hike is an attempt to regain some of the resulting losses.

The Postal Service Fee will be rising to \$8.25 to cover expenses at that operation. Last year, the fee was raised for the first time in many years from \$5.00 to its current \$7.50 level.

Colleges across the nation have been raising their tuitions lately. Tuition at the 19-campus California State University system will be rising 20% next fall, and at the 9-campus University of California system will be rising 40%. Tuition at the University of New Mexico is likely to rise a similar amount to that at Tech.

Tech's tuition still remains substantially below the national average of public schools. In-state tuition nationwide averages \$1,809 at four-year public campuses this year, compared to Tech's \$486.

Distinguished teaching award committee seeks nominees

by Meiko Haushalter
PAYDIRT STAFF REPORTER

Do you have a favorite teacher? Is it because it was an easy class and the professor gave you an A or is it because you actually learned from the professor and it was a meaningful experience. If it was the latter, perhaps you should nominate your professor for the Distinguished Teaching Award.

The Distinguished Teaching Award is handed out yearly to a professor who has made learning a good experience for students and colleagues. The professor is chosen by a committee of three faculty

and two students from a pool of candidates nominated by students, faculty, and alumni. The only requirements are that the professor be currently teaching and not be a former recipient of the award.

The award includes a \$1,000 grant. Previous winners include Drs. Etscorn, Chavez, Gutjar, Lomanitz, R. Gross, and Purcell.

To nominate your professor, send your nomination with documentation or testimonials as to why that professor should win the award to Dr. Etscorn in Student Services. The deadline is April 17.

PAYDIRT

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The official newspaper of the New Mexico Institute of Mining and Technology

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State Legislature fails to fund Workman renovation, but provides core-level funding and \$25,000 for athletics; tax status of schools currently uncertain

by Thomas Jones
PAYDIRT STAFF REPORTER

At the recently concluded state legislative session, no educational capital outlay projects were approved, including the \$5 million renovation of Workman Center that had been hoped for.

Also rejected was the Equipment Renewal and Replacement funds for all colleges.

Core-level funding was again provided to Tech this year, preventing layoffs or the closing of departments.

Also approved and signed by the Governor was \$500,000 matching funds for the operating budget of the PRRC.

While all other state employees received a 1.5% cost of living pay hike, higher education employees received none. Tech will be providing a 2.2% pay raise to its faculty and staff with a 5%/10% tuition increase, as reported elsewhere in this issue. UNM will be providing a similar pay raise with a 7% tuition hike.

Tech did receive \$25,000 in athletic

funding this year. Last year, special athletic funding was vetoed by the Governor. The athletic funding was proposed by State Senator Shannon Robinson. Approximately \$6,600 of the athletic funding is expected to go to the Pygmy rugby team.

Some other Tech funding did increase, such as the library funding. That amount is based on the square-footage of the facility, which will increase when it moves from the current location into the facility under construction.

A tax bill designed to provide more money for the state by taxing purchases made by Tech and other individuals was passed by the Legislature and signed by the Governor. However, the specific wording of that measure has recently been called into question, and it is possible that the tax law is unenforceable. If successfully applied, the tax would apply the state sales tax to purchases made by and from Tech, including dorm rental and board costs, as well as research supplies purchased by the school.

Orientation leaders still needed

by Meiko Haushalter
PAYDIRT STAFF REPORTER

Twelve reasons to become an orientation leader: 1) You get to meet impressionable new students of the opposite sex before everyone else. 2) You get to sound knowledgeable about Tech to impressionable new students. 3) You can make friends if you don't have any. 4) It can make extroverts out of introverts. 5) It makes the rest of the

semester look easy. 6) It looks good on your résumé. 7) You get free T-shirts. 8) You get to register early. 9) You can act silly and be liked for it. 10) You can develop your "interpersonal" skills. 11) Student Services is desperate for Orientation Leaders. If you are interested, come to the next meeting on Wednesday, April 3 at 4pm in the SAC TV room, or talk to Marj Austin in student services.



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WHAT NOT TO SAY DURING AN I.R.S. AUDIT!

NO EXIT by Eric Andresen



Do I HAVE TO DECLARE PROFITS FROM MY DRUG SMUGGLING RING?

ACTUALLY, I MADE UP ALL THOSE NUMBERS TO GET A BIG REFUND. IS THAT OK?

BY THE WAY, I WAS JUST KIDDING ABOUT LINE 15c!

I'VE ALWAYS ADMIRERD AL CAPONE!

MY BOSS DOESN'T SUSPECT I'M EMBEZZLING, EITHER!

SNAGSAGES!

GIU'DO USUALLY PAYS ME IN COUNTERFEIT MONEY. DOES THAT COUNT?

YOU KNOW, I'VE GOT A DOZEN HAMSTERS BUT I ONLY CLAIMED THREE OF THEM AS DEPENDENTS!

HELPFUL TAX TIPS



DON'T EXAGGERATE INCOME TO IMPRESS THE I.R.S. BUT I COULDN'T LET THEM KNOW I ONLY MADE \$8,000!

DON'T BE AMBIGUOUS. INCOME I get by.

DON'T WRITE IN SECRET CODE. INCOME The Shrimp Howls at Midnight.

DON'T WRITE OPINIONS OF I.R.S. WORKERS ON YOUR TAX FORM. INCOME If you're so smart, why don't you figure it out yourself, you stupid, incompetent jerk?



HOW TO BE A KINDER, GENTLER AMERICA

ALWAYS HAVE SOMETHING NICE TO SAY TO EVERYONE. MY! YOUR HAIR SURE IS GRESH!

STOP WAVING THOSE DARN PROTEST SIGNS. MR. FREGERS MUST DIE!

RESIST URGE TO COMMIT MASS MURDER BY POISONING WATER SUPPLY UNTIL MYE. BUT I HAFF WAITED SO LONG FOR MY REVENGE!

DEVELOP INTEREST IN SPORTS. THE N.L.R.A. SUGGESTS PLUGGING DEER WITH AN ASSAULT RIFLE. NEW IDIOT! MY BLEW OFF ITS HAND!

JUST SAY "NO, THANK YOU!" TO DRUGS. ...BUT THANKS FOR ASKING!

Job prospects for graduates dimmer

COLLEGE PRESS SERVICE

About 27 employers have canceled trips to recruit graduating University of Connecticut students this term, saying that they would not have as many job openings to fill this year. UC placement Director Linda Bates Parker said February 27.

The cancellations mirror job-hunting problems at campuses nationwide, where the number of recruiting visits are down by approximately eleven percent since 1990, a recent Northwestern University survey found.

Eureka college students vote to keep Red Devil

COLLEGE PRESS SERVICE

Students at Eureka College, a Disciples of Christ-owned school in Eureka, Illinois, and Ronald Reagan's alma mater, voted overwhelmingly in February to keep the Red Devil as their mascot, despite college President George Hearne's misgivings.

"There are still some concerns," Hearne told the Pegasus, Eureka's campus paper, about "the apparent paradox of a church-related school bearing the devil as its mascot."

Hearne noted the student vote was not binding.

SA Candidates' Statements

Due to an error in layout in the previous issue, Thomas Jones' statements have been reprinted, and to accord equal time to his opponent in the upcoming runoff election, so have Jarrett Airhart's statements.
— *Paydirt* Election Editor Leann Giebler

Thomas Jones

Experience:

My experience with Tech affairs has come mostly from *Paydirt*, which I have edited since January 1990. I have come to understand how the Senate functions most effectively. The President has two primary tasks: leading the SA, and representing students to administration. My leadership skills have been demonstrated through *Paydirt*. I have gained substantial understanding of Tech as a whole, what divisions are responsible for what, who to talk to when things aren't right, and how work gets done. I am running with Amy Koerner, running for Vice-President, as we can work together effectively, and we are both hard workers.

Club Funding:

Club financing was better this semester than it has been for some time. While there is no way to please everyone with limited funds, money should be distributed as equitably as possible. This semester, clubs were budgeted in direct accordance with what they legitimately deserved, according to their proposed budgets. The only rough spot in the system is that clubs need to know how to most effectively prepare their budgets before the budget process begins; guidelines must be prepared explaining that clubs must provide reasonable explanation for their expenses, as well as explanation of how they benefit the student body.

Alcohol:

Alcohol abuse contributed substantially to problems at 49ers. From a legal perspective, there is no choice but to drastically reduce consumption of alcohol; otherwise a major lawsuit might injure Tech. Banning alcohol is a drastic response to a drastic problem; less severe measures would have worked if they had been used earlier. However, much of the responsibility for the ban lies on students, who allowed the event to get out of hand; if the event had been more effectively operated, those problems would not have arisen, and students who wish to consume reasonable amounts of alcohol still could.

Vandalism:

Here lies a problem that, like the alcohol issue, is getting out of hand. Solutions must be found soon to avoid drastic steps like closing campus. Much of the vandalism has been done to student vehicles and campus buildings. Police patrols are now more frequent, but are not enough. The SA needs to start a neighborhood watch involving volunteer student patrols. Students should also report crimes they see, so Police can actively prosecute more vandals. Closing campus would dramatically increase the tension between Tech and Socorro, and would be quite expensive. It should only be done as a last resort.

Jarrett Airhart

Experience:

I am both eager and qualified to bring new energy to the Student Association Presidency. My qualifications include the following:

- SA Senator
- KTEK General Manager
- Tech Representative, Associated Students of New Mexico
- Registered Lobbyist for the SA

My work as a senator includes participation developing SAC policy and advising production of the Tech TV commercials, and my position as KTEK general manager has required me to learn how to manipulate the Tech bureaucracy. Furthermore, my work in student lobbying efforts through Associated Students of New Mexico, and the SA Lobbying Committee have given me the skills and the contacts to take student issues directly to the regents and our legislators in Sante Fe.

Club Funding:

The main problem with club funding is lack of money. I would implement SA fundraising efforts: possibly running vending machines on campus, or renting microwaves to dorm students, or maybe even installing coin operated condom machines in campus restrooms. The profits from these ventures would be directed into club funding.

Alcohol:

It is sad that the regents banned alcohol at student celebrations. In order to prevent similar incidents from happening in the future, the Student Association must make an effort to brief the regents of student concerns. This way a solution can be worked out by the students and the regents before a problem gets out of hand to the point that the regents take drastic actions. This could be accomplished by sending the minutes of the SA meetings directly to the regents. Also, I promise to address the regents at every meeting to tell them what the students are doing on campus, and what they are concerned about.

Vandalism:

The best solution for vandalism is better security and lighting. I feel that the vandalism problem should be studied by the student association, and a recommendation should be made to the regents.

Tech's expedition into fire and ice in Antarctica

by George Zamora
PUBLIC INFORMATION OFFICE

A research team of geologists from New Mexico Tech recently spent several months investigating both "fire and ice" at one of the world's largest areas of volcanic activity, located at the bottom of the Earth on the frozen continent of Antarctica.

Tech researchers spent the Antarctic summer months of November, December, and January studying the geochemistry, volcanology, and structure of several volcanoes in Marie Byrd Land, a large volcanic province located in West Antarctica. The four-person group was joined in the National Science Foundation (NSF)-sponsored project by other field teams from New Zealand and Great Britain.

"On a global scale, Marie Byrd Land is one of the largest areas of volcanism in the world," says Tech field member Dr. Phillip Kyle, "but likewise, it is also one of the most poorly understood, as well as the least known volcanic provinces around." Geologically, the Marie Byrd Land can be likened to areas such as the Rio Grande and East African rift valleys and the Basin and Range of Nevada and Arizona. Prior investigations of the Antarctic region were limited to reconnaissance studies, and up until this recent two-year NSF study, a detailed investigation to the glacial and volcanic history of the area had not been undertaken.

Antarctica, though coldly beautiful and pristine, remains harsh and unforgiving. At the height of Antarctic summer, when most of the scientists and researchers pay their seasonal visits to the "ice," the sun shines 24 hours a day and the temperatures occasionally provide short-sleeve weather of just above freezing. Ninety-eight percent of Antarctica remains permanently covered with ice, and the ice is nearly two-miles-thick on the average. New Mexico Tech geologist Dr. William C. McIntosh describes it as "an area with very poor rock exposure... just the upper portions of the of the volcanoes we studied stuck through the ice."

This year's expedition to Antarctica, when compared to others the Tech

geoscientists have made in the past, was curtailed to a large extent by unfavorable weather conditions. Of the 54 days the group spend at field camps near Mount Murphy, 33 days were spent confined to double-walled pyramid tents under "white-out conditions" created by high winds whipping up the desert-dry snow.

Kurt Panter, a New Mexico Tech graduate student and member of the field team, recalls a particular episode which occurred during the bad weather spell; it left him with a lasting impression of Antarctica's perilously cruel and severe winds. "We had all just gotten up after a windy, sleepless night," Panter relates. "One of the mountain guides from New Zealand, Bill Atkinson, was going around the camp checking tents to make sure everyone was okay, and as Bill went to pick up some debris from the snow, he was blown down by the high winds. He then slid on his back on a thin film of ice on top of the sastrughi—an Eskimo word for snow dunes—for what must have been at least 100 yards from camp. Since the visibility was so poor, he lost sight of the camp... Luckily for him, by walking against the prevailing wind direction he found his way back to camp." Panter adds that later that day, the field team discovered that one of their smaller dome tents, which were used for emergency situations, had been destroyed by the winds—winds which they estimated were blowing at speeds exceeding 80 miles per hour.

Mount Murphy, the main focus of the research team's studies, rises a couple of hundred meters above the Antarctica ice sheet. The eight-million-year-old volcano is not as imposing as many of the other Antarctic volcanoes, McIntosh observes, but he has found it to be "a very interesting place." "These volcanoes are like oil dipsticks," McIntosh notes. "They can tell you a lot about what is happening under the ice, as well as about fluctuations in ice levels."

What happens under the ice, McIntosh explains, is "an explosive interaction between magma and water." Volcanologists call one of the end products of this meeting of fire and ice "pillow lava" which is similar to the glassy

volcanic rocks formed under the ocean surrounding the Hawaiian Islands today.

Preliminary analyses of the rock samples collected from the Mount Murphy field sites has shown that "over the course of eight million years, the ice sheet was coming and going," says McIntosh. "Conditions appear to have been continually alternating, rather than remaining at a steady state. . . The ice sheet was not as well established as it is now; over the millions of years that Antarctica has existed, the ice sheet was always waxing and waning."

"Now, in the laboratory, our major objective will be to date our rock samples and thus indirectly date the expansions and contractions of the ice sheets which periodically covered Mount Murphy during its eight-million-year-history," McIntosh notes.

Even though New Mexico Tech's Antarctica team had been scheduled to be airlifted to another area where they were to study the Mount Hampton and Mount Siple volcanoes, this simply would not be a part of their latest expedition to Antarctica—a series of mishaps including bad weather, broken airplanes, and holiday aircraft groundings delayed the move to Mount Hampton by over two weeks and Mount Siple was never reached by the expedition. "We really wanted to explore the Mount-Hampton/Mount Siple area because there are some big, young volcanoes out there," recounts McIntosh, "and besides, no one has ever been to Mount Siple itself."

McIntosh notes that six years ago, on a previous trip to Antarctica, a New Mexico Tech field team had tried to reach that same area by ship, but only got as close as the outermost reaches of the volcano, near the coastline. "It snowed the whole time we were there," McIntosh says, "and we also had some trouble then with broken aircraft."

"Most of the intercontinental transportation provided for us down there is done with 25- to 30-year-old airplanes," Panter points out, "and that fact, compounded with all the hard snow-surface landings these planes make, poses a lot of maintenance problems."

But the New Mexico Tech field team

did manage to wrap up some previous, unfinished work during their most recent stay in Antarctica. "Two of the team members, Phil Kyle and Nelia Dunbar, managed to map and collect samples of a sequence of over 30 volcanic ash layers near Mount Waesche," McIntosh reveals. "It was a most interesting method they used to collect those samples—they cut them out of the ice with a chainsaw."

"Mount Waesche is one of Antarctica's geologically-younger volcanoes, probably younger than one million years, and the sequence of ash layers near its base suggests some fairly recent volcanic activity," McIntosh continues. "These volcanic ash layers have actively recorded the geologic history of Mount Waesche and provide us with a more accurate history of this volcano than we could get by looking at rocks found at the surface."

Occurrences of volcanic ash layers in the West Antarctica ice sheet may prove to be extensive, McIntosh says, and by studying the ash layers found in ice cores taken from the area, earth scientists may be able to shed new light on Antarctica's past as well as its present.

McIntosh has spent much of his time, since he and the other geologists returned from the frozen continent, studying the ash layers and working on dating the volcanic samples in Denver's U.S. Geological Survey laboratory. "There is a great potential use we can make of these ash layer samples to directly date the ice that they have been sitting in," McIntosh contends, "At this time, there is no way to directly date ice cores, yet this is fundamentally important to us to be able to do this because ice cores are composed of multiple layers of snow and ice... and that snow and ice has trapped the paleo-record of the Earth's climate from some 300,000 years ago."

"Because of the fact that Antarctica's volcanoes have been, and are, buried in ice, they tend to record the ice history of that continent," McIntosh concludes. "The Earth's climate has been found to be closely tied to Antarctica's ice sheets and the volcanoes which we study down there provide us with the potential to develop a more accurate history of those ice sheets."

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Grinder	turkey, turkey pastrami	2.59	3.99
SUB	ham, roast beef, genoa salami	2.89	4.49
Hoagie	turkey, roast beef	2.59	3.99
Italiano	pepperoni, genoa salami	2.49	3.79
Cold Cut	Salami, bologna, ham	2.19	3.59
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**3 piece Fried Chicken,
a roll, and a 16 ounce drink
Only \$2.99 + tax**

Limit 2 orders per coupon.
Eat in or pick up only.
Not valid with any other coupon or offer.
Good until April 30, 1991.

Astronomy club working to acquire observatory for telescopes

by Karen West
ASTRONOMY CLUB PRESIDENT

Anyone who has ever been a serious star gazer, serious enough to check out the price of a telescope, will know that it can be an expensive hobby. A nice telescope can open entirely new worlds to you, but it can also create quite a large hole in your pocket. Tech's astronomy club was recently offered a deal of a lifetime: a 6-inch Shief-Spiegler telescope, free of charge. This fantastic telescope was donated to the club by employees of the NRAO. There was only one condition to the offer. This telescope, as you might imagine, is a bit large. It requires a permanent mount and shelter. Thus, began the club's current project of building an observatory. Club member, Robert White, with the help of John Spargo, one of the people who donated the scope, put together blue prints for the building. Since then, the club has managed to get through all of the red tape such as getting approval from the Board of Regents and acquiring the space on campus. During this process a second telescope was donated to the club. Dr. Frank Etscorn, the club advisor and amateur astronomer himself, has donated a 10-inch Dobsonian telescope to the club. The building plans for the observatory show that it will have a roof that is pitched and will roll back using a system of pulleys. The best design would have a dome roof; however a dome would be much more difficult and expensive to build.

The observatory will be located out past the Physical Plant building. There is a small depression, where the observatory will sit. About 20% of the

horizon will be lost; however the light pollution would have prevented any good observations that low anyway. The depression will also cut out any surrounding lights. There are electric and phone lines next to the site that the observatory can hook into.

The observatory will be available to anyone affiliated with Tech, after they've gone through a training session to learn how to operate the scopes. Access to the scopes will have to be gained through the club officers, as keys to the observatory will not be distributed (to prevent theft), but anyone will be able to use the scopes for their own purpose. This means that undergraduates, who often do not get access to equipment such as this, will be able to use the observatory for independent research. The club will hold their regular star parties at the observatory, and may even put on special shows for schools in town.

The only thing remaining is to earn money. The estimated cost of building the observatory is about \$8000. It's hard to imagine the club earning this money by doing movie securities at the SAC. So recently the club took part in a telethon put on by the alumni association. Donations from alumni totaled about \$1500. This number may increase as more alumni decide to donate. The club will probably also solicit donations from businesses in town. Construction cannot be started until the club has full funds. Meanwhile, star parties are held (when it's not cloudy) at the observatory site. Anyone wanting to get more information about the observatory, or anyone who would like to help out, can contact Karen West at box 2303 c/s.

Surgeon General urges beer companies to ease up on student marketing

COLLEGE PRESS SERVICE

Claiming the average collegian spends "more money on booze than books," US Surgeon General Antonio Novello spoke out against alcohol companies selling to students, especially during Spring break.

"Spring break used to be where the boys are," Novello asserted at a press conference in Washington, DC, on March 4. "Now it's where the booze is."

Alcohol is a factor in 21 percent of all college dropouts, and most college students drink more beer than anything else, she continued.

"To generalize that for the whole college population is not responsible," replied Scott Suder, a student at the University of Washington-Eau Claire.

"We're not talking about a bunch of 18-year-olds running around that we're trying to inundate with advertising," added Lon Anderson of the Beer Institute, an industry group in Washington, DC.

Anderson noted a US Department of Education report that two-thirds of the nation's collegians are older than 21.

Novello, without speculating about the average age of the spring break vacationer, asked alcohol manufacturers and retailers to "take a more responsible posture" in their promotion tactics during spring break.

Young people have been bombarded with advertisements that lead them to believe drinking is "an acceptable rite of passage, a necessary path for them to follow," Novello said.

Last year at Daytona Beach, the nation's most popular spring break spot, Anheuser-Bush Inc. inflated a two-story

balloon shaped like a Budweiser six-pack.

Miller Brewing Co. hired airplanes to fly banners and sponsored free breakfasts for students.

"We don't want underaged people using our products," Anderson maintained, adding "the brewers themselves are not going to be represented in spring break activities" this year.

There are no beer companies involved in activities at Daytona Beach, confirmed Suzanne Smith, vice-president of special events and tourism at Daytona.

Anderson added that Beer Institute members want to work with Novello to fight underaged drinking and alcohol abuse.

In 1989, however, Miller's part of the "fight" was to pass out hats and bottle openers urging users to drink "responsibly." The devices were emblazoned with the logos of Miller's beer brands.

If Novello succeeds in reining in the beer companies' appeals to young people, it could help control drinking, said Alexander Wagenaar, a professor at the University of Minnesota's School of Public Health.

"Reductions in promotional effort will make it less okay" for students to drink, he contended.

Wagenaar would like to see campus, state and even federal legislation banning alcohol ads on campuses.

In 1989 Congress considered, but did not pass, a bill that would have cut off federal funding that failed to restrict alcohol promotions on their campuses, including student newspapers.

Alcohol manufacturers have a right to advertise on campus, Wisconsin's Suder maintained.

"It all lies within the individual's responsibility," Suder said.

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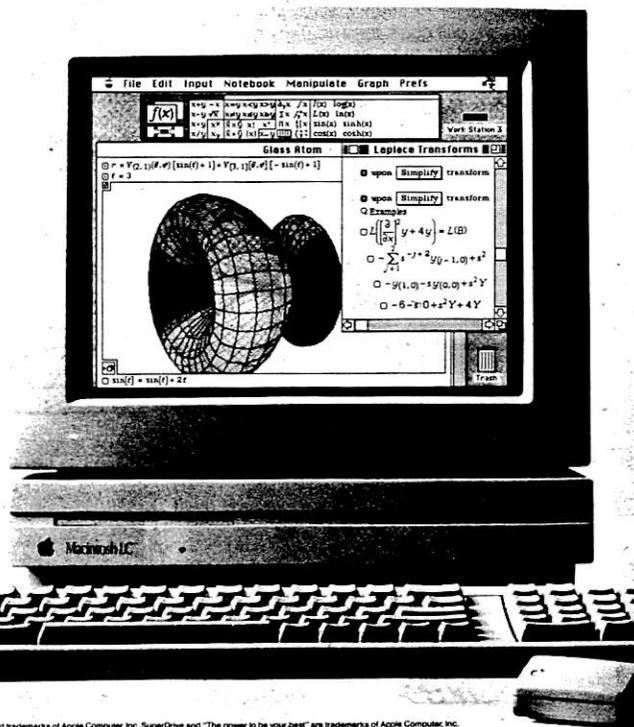
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Two new faculty members join this semester

by George Zamora
PUBLIC INFORMATION OFFICE

Tech's faculty ranks were increased with the addition of two new members who joined at the start of the current semester.

Drs. Peter S. Mozley and Jerzy Rajtar respectively were appointed to Tech's Geoscience and Petroleum Engineering departments as full-time Assistant Professors.

Mozley, a native of Menlo Park, California, received his bachelor's degree in geology from the University of Colorado and completed his PhD at the University of California at Santa Barbara.

Mozley's research interests include his continuing work on sedimentary petrology, physical and chemical changes in sediments, and low-temperature geochemistry. The course he teaches this semester is Stratigraphy and Sedimentology.

Prior to arriving at Tech, Mozley taught for a semester at the University of South Alabama at Mobile. Before that, he served a post-doctoral fellowship at the University of Berne in Switzerland and was also a research geologist with Unocal's Science and Technology Division in Brea, California.

"Socorro is an especially good area to be at if you're a geoscientist who specializes in sedimentology," Mozley points out. "I can see very interesting sedimentary features just in the surrounding hillsides. . . . The area really is ideal for working sedimentology and most other types of geology, as well."

Mozley further relates that he has found the Socorro area ideally suited to pursuing his number one recreational activity—hiking. He says he also enjoys the "relaxing small-town atmosphere where you never have to fight traffic."

Rajtar (pronounced "righter"), who hails from Krakow, Poland, received his MS degree in electrical engineering and nuclear physics and his PhD in petroleum engineering from the University of Mining and Metallurgy in Krakow. He wrote his doctoral dissertation on "The effects of gas diffusion and dispersion in the flow through porous media."

Rajtar's research interests include applied reservoir simulation and engineering, environmental protection (particularly in the area of radioactive materials), and systems control as related to simulations in engineering. The courses he teaches this semester are Numerical Simulation and Formation Evaluation, upper-level undergraduate courses taken by both Petroleum and Geological Engineering majors at Tech.

While still at the University of Mining and Metallurgy in Krakow, Rajtar received the college's prestigious President's Awards. He worked as an Assistant Professor and a Senior Research Engineer at the college for about 12 years. Prior to accepting his current Tech position, Rajtar was a Research Associate at Texas A&M University at College Station.

"I'm very optimistic about my work and all the possibilities here at New Mexico Tech," Rajtar relates. "I have only met friendly people since I have arrived here."

Physical Plant Report

by Jason Coder
PHYSICAL PLANT CORRESPONDENT

Most of you have probably noticed that the fence surrounding the Centennial Plaza has been removed, allowing students their first chance of a close up view of the structure. Students who have noted problems with the quality of the construction of the fountain, missing tiles, cracked spires, unreadable bricks, etc., are advised that the project still is not completely finished, and that these problems should be resolved by the time of the dedication ceremony. The dedication ceremony is currently scheduled for the 16th of April, although this date could be pushed back if it is not completed by then.

Good news for the residents of South Hall: the gang-related vandalism that has occupied the southern side of the building for the last couple of months has finally been covered over.

The sand volleyball courts have been finished with the trimming of the posts

for the nets. The net is available in the gym, and must be checked out for use.

Work is finally continuing on the boiler plant next to Fitch. At the very least the external work on this structure will be completed before graduation, so as not to detract from the aesthetic property of campus. It is also hoped that the resodding of Turtle Bay will be completed by then.

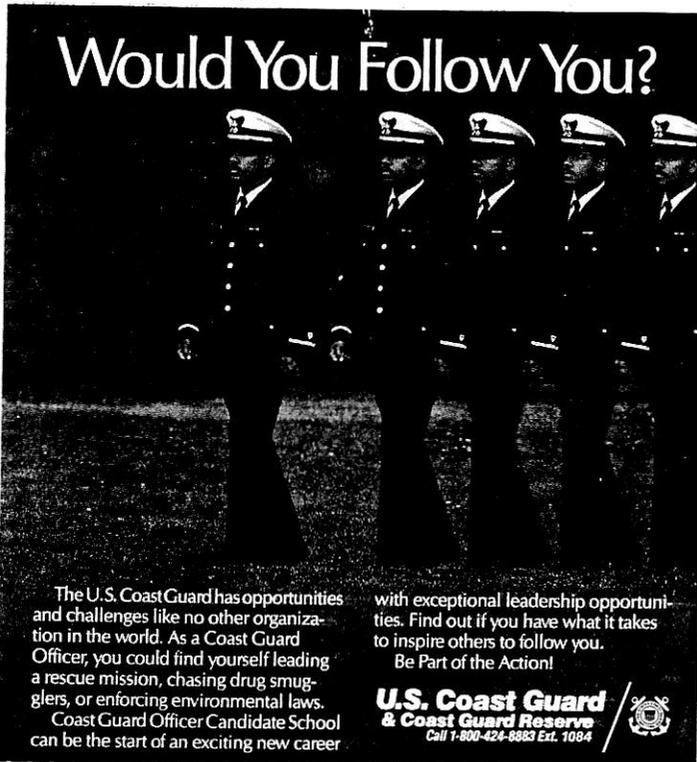
The high winds we've been experiencing lately have caused some damage on campus, as well as the occasional loss of power. The roof of Macey Center directly above the solar panels has partially blown off, taking some of the panels with it. It has also caused the usual downed tree limbs, and other debris which will require cleaning up.

The large construction area in the center of the SUB has been removed now that the new sewer line has been installed. Students can now make use of the rear door of the cafeteria, and the east-side door of the SUB.

When you elected Amy Koerner, you put half of a team in office. Now it's time for the other half.

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Planetary Society scholarships

SOCIETY PRESS RELEASE

Applications for the Planetary Society's 1991 scholarships are now available. In the past five years, the group has handed out \$50,000 to outstanding high school and college students, and has over \$5,000 available this year.

To maintain a healthy space program and help manage the resources of our own planet, well-trained planetary scientists and engineers must emerge from future generations of college students. The Planetary Society has designed its scholarship programs to encourage and assist students entering those fields of study.

Two awards are offered for college students: the College Fellowship Award available to undergraduates, and the Mars Institute Contest available to all students.

The College Fellowship awards are five \$1,000 grants offered this year. Each applicant must be a member of the Planetary Society of nominated by a member. Scholarships will be awarded on the basis of scholastic achievement, commitment to a career in planetary-related science or engineering, and a 2,500 word essay on a relevant topic.

The Mars Institute Contest this year is awarded for the best essay on

a designated topic. The award is \$500 plus an all-expenses-paid trip to a Mars-related conference to receive the award.

This year's essay topic asks students to design a power system for a Mars base that would support a crew of ten for a year on the surface of Mars, and provide for the possibility of growing to support a crew of 100 people over the following decade.

All students who submit a complete paper will receive an *Explorer's Guide to Mars* poster and a one-year membership in the Society.

Entries for all scholarships must be received by May 1; winners will be selected by June 1. Additional information about the scholarships may be obtained by writing to The Planetary Society; Scholarship Department; 65 North Catalina Avenue; Pasadena, CA 91106.

Founded in 1980 by Carl Sagan, Bruce Murray and Louis Friedman, the Society is a non-profit organization whose members share the goals of encouraging the exploration of the solar system and continuing the search for extraterrestrial intelligence. With over 110,000 members in more than 100 countries, it is the largest space-interest group in the world.

ADVERTISEMENT

Wishing you a very happy 59th birthday. Hope to see you around for many more! Lots of love, your youngest, Leann.

OPINION

Mail letters to: *Paydirt*, Box GG, Campus Station [Socorro, NM 87801]. Computer e-mail is also accepted at paydirt@nmt.edu. Letters are welcome from students, faculty, staff, and other concerned persons. All letters submitted for printing *must* include the author's name and telephone number, although names will be withheld on request. If the identity of the author cannot be verified, the letter will not be printed. *Paydirt* reserves the right to edit all letters, and to decide which letters are printed. Letters should primarily concern a current or recent incident or situation related to Tech. Letters regarding controversial, previously unprinted topics will not be printed in the last issue of any semester, in order to permit timely responses from other concerned individuals.

One damn nice thing about Tech

As many of you know, this is the next-to-last issue of *Paydirt* that I intend to edit. (Yes, regardless of what happens in other activities, I expect to retire at the end of the semester. I need more sleep. More on this in the next issue.)

As I prepare to leave the helm, there are a few comments that I would like to make about Tech in general.

When I first took over this struggling publication, one of my reasons and aspirations was that I expected that there were a number of unsavory characters working for Tech, and running various departments. (This seems to be the case at a number of other institutions.) Perhaps one of the most fulfilling jobs of any division of the press is to expose a total moron in a position of leadership, and be the cause of his expulsion or demotion. I had expected to run into the characters like the proverbial president who views the athletic department as more important than anything else, the vice-president who randomly fires good professors, the bureaucrat who doesn't care about anybody else, or the cafeteria director whose philosophy is "If it's moldy, don't eat it. Find something else."

Well, sad to say, sports fans, but even though I've been looking, there just don't seem to be any purely evil characters running campus. Sure, I've found a nitwit or two, but just about anyone who does anything around here seems to really have the interests of the school at heart, or at worst just be lazy. The various levels of administration at Tech seem to be remarkably apolitical. (Not completely apolitical, mind you, just a lot less than one could expect.) And Mohammed Hossain of the Cafeteria and his employees really do a *much* better job than under Mr. Hossain's predecessor, with basically the same resources. (And he seems substantially more calm as well.)

Even those characters who have reputations among the students as being evil administrators don't seem so evil once you look at the situation closely. Sure, some of them could put a bit more emphasis on making people happy, but nobody seems to have the goal of gaining power while making people miserable.

I think that Tech should be very proud of this fact. While it suffers from the same problems as most bureaucracies, it does not suffer from the worst problems that many face.

One more thing. When the former editor of the *UNM Daily Lobo* published his last issue, for no apparent reason he included a half-page photo of a shapely unclothed female model. Sorry, but that won't be the case with this paper while I'm editor. (We couldn't get anybody to pose.)

Stanford unveils plan to emphasize teaching over research

COLLEGE PRESS SERVICE

In what could be the start of changing the way professors are hired and promoted across the country, Stanford University President Donald Kennedy announced a new program to emphasize teaching over research.

The effort, Kennedy said, would help professors break out of the "publish or perish" syndrome and let them focus on teaching.

The reform could spread.

"When big research universities make these kinds of commitments to teaching, it has a major impact on higher education," said Robert Hochstein of the Carnegie Foundation for the Advancement of Teaching, which in 1990 published a report calling on colleges to reward teaching skills as much as they reward research papers when deciding to whom to grant tenure.

Kennedy hoped his initiatives, which included some \$7 million in programs and incentives, would "increase the resonance between teaching and research."

But at the same time, Stanford's own research practices are being investigated by four separate federal agencies, including one criminal investigation by the US Naval Investigative Service.

The investigations are focusing on \$200 million in "overhead costs" Stanford billed to the federal government for research projects being done on campus. Washington allows colleges to charge

it for overhead costs—utilities, building depreciation, administration, libraries, and some student services and upkeep—that the schools incur while doing research but that may not be directly connected to a specific federal research project.

But among other things, the Navy thinks Stanford included items like football tickets in its overhead charges.

Officials denied any connection between the investigation into research abuses and Kennedy's announcement that he would de-emphasize research.

"This is not some last-minute public relations gambit by any stretch of the imagination," maintained Stanford spokesman Richard Kurovsky.

"Kennedy announced this April 5, before this (investigation) ever came about," he said.

He waited until now to unveil the specifics, Kurovsky said, partly because the federal probe was occupying so much of his time.

The probe was opened last year after Paul Biddle, who has represented the Office of Naval Research on campus since 1988, found bills for a wedding reception, flowers, antique furniture, and the depreciation of a yacht among the overhead costs Stanford asked the federal government to cover.

Kennedy said the yacht charge was a simple accounting mistake. He has defended other bills, saying they were appropriate because they were for his Stanford residence where he holds

official functions. Nonetheless, Stanford has withdrawn about \$700,000 in bills for those challenged charges.

To keep faculty members from getting similarly caught up in research, Kennedy would limit the number of scholarly writings that the college will consider when deciding to hire, promote, or grant lifelong tenure to faculty members. A faculty advisory board must approve the change.

Education observers long have claimed that many faculty members, driven to "publish or perish" to get tenure, pay more attention to research than to students.

Students and their parents, more value-conscious after recent tuition hikes, also have questioned the research emphasis at large universities such as Stanford.

The Carnegie Foundation's 1990 report said that nearly half the nation's college teachers believe their scholarly writings are merely counted—and not evaluated—when personnel decisions are made.

The proposed limits, Kennedy said, would "reverse the appalling belief that counting and weighing are the important means" of evaluating faculty research.

In addition, Kennedy urged faculty committees to value "forms of scholarship related to teaching" such as textbooks, instructional software programs and books or even videos geared to popular audiences.

He also proposed faculty peer

April Fool

It seems to be a tradition in journalism that small papers publish special April Fools' Day issues complete with fun and exciting headlines and stories that don't usually make it into publication. *Paydirt* continues that tradition with the first two pages of this issue, if you haven't noticed.

Some people may have thought that the last issue was the April Fool's edition, with all of its typos and layout errors, including a few with a great deal of character. (No, the Dead of Students is not required to approve alcohol at student events. Dr. Lattman's proposal wisely included the approval of the *Dean* of students, and deceased individuals have no say whatsoever.)

At any rate, you may have recognized the style (and some of the bylines) of the first two pages of this issue as being from the *SPRIL Newsletter*, which has published numerous articles about Tech, but none with such reliance upon factual reporting. You will also note that this edition contains a full-fledged issue of the publication, complete with real news.

To anyone who was more than amused, or if we managed to offend anyone, we apologize. To the rest, have a pleasant first of April.

There is right and wrong

Editor:

The letter sent by Marjorie Ward (3/19/91) is a prime example of how morally depraved the human race has become. A stalwart refusal to accept one's actions as "right or wrong" is a refusal to accept truth. There are rights and wrongs in this life.

If I cheat on a test, but justify my actions by telling myself that there is no real right or wrong, does it make the cheating ok? The extent to which an individual could push this no right / no wrong issue is limitless. Obviously, Saddam Hussein did not think it was wrong to murder innocent people to achieve his personal goals.

To deny the existence of God, or to write-off belief in God as mere opinion does not negate the truth of His existence. It simply allows one to dull his conscience to accountability for his actions.

Yes, Marjorie—this world is in a sorry state, but tolerance of wrong is not the solution; in fact, it is to blame. This world started out perfect, and it was denial of right and wrong that began the process of human decay. Heterosexual

promiscuity and homosexuality have caused the rampant spread of life-threatening diseases. This cannot be denied. As individuals we are ultimately held accountable for our choices and actions, and ultimately we all pay the price for our choices and actions. Neutral tolerance of wrong does not justify it any more than spending billions of dollars on AIDS research justifies spreading the disease.

Cathy Harris

Complaint on movie survey

Editor:

I would just like to state that I do not appreciate the attitude expressed by the head of the movie committee in the most recent flyer [sent to student boxes on March 27]. If the committee leader chooses to voice his offense at how he feels he has been treated by the senators, then he should at least treat the students at large with more respect. People who live in glass houses . . .

Michael Markland

reviews to supplement student evaluations of their teachers, as well as ongoing evaluations of tenured professors, who now have "little incentive to attend to the improvement of teaching."

Kennedy announced a half-dozen programs, the largest funded by a \$5 million gift from Stanford trustee Peter Bing, designed to offer better incentives to do a good job teaching students.

The program, Kurovsky said, "will mean a much better education for students."

Others observers don't think it will. "I bet you anything the [Stanford] faculty are laughing, said Robert Blackburn, a Professor of Higher Education at the University of Michigan. "The faculty don't see a need to do better when they already do pretty well," he explained.

Nor does Blackburn think the changes will really happen. "Many schools have said such things," but few have actually followed through on their plans, he said.

On a smaller scale, Columbia University has established endowed chairs for outstanding teachers and the University of Pennsylvania has announced that all newly hired faculty members must teach undergrads.

While many campuses are trying to emphasize teaching, Howard University President Franklin Jenifer unveiled on March 5 a plan to make Howard a "top-flight" research institution; by, among other things, emphasizing faculty research.

Sal's Party Reviews

Sal's opinions are Sal's opinions and are not to be construed in any way as belonging to Paydirt.

by Sal Maestas
PAYDIRT STAFF REPORTER

Rock-n-Roll is a social disease. This means that there are a lot of sick puppies out there. Spring has set in upon us like a plague. By this I mean simply that Rock begat parties and springtime brings them on in quantity!

I was going to review a private party that went off a couple of weekends ago but shots were fired, windows were broken, and rabid young men with baseball bats piled into automobiles, drove down to the Cap, turned around and went home. Meanwhile, at another party just blocks away, nothin' but couples watched movies and ate popcorn (yawn). So, it seems that reviewing the private party scene might be more trouble than its worth.

Vibralex, a cool cool blues band, played the SAC last Saturday and they were *fantastic!* Turnout was about 70 people. That may not sound like a lot, but when you consider that usually people look in the door and split if the place isn't crowded, this band *kept* everybody that actually listened to them for just one minute. It's clear that most people didn't know what to expect, so they just didn't come by. Boy, y'all missed out. It was obvious that most Techies didn't really know how to dance to this stuff, but this was the first time at Tech that I've ever

seen a whole room sitting and listening *intently* to a really soulful ballad, and then the whole room nearly stood to applaud.

Guess what?! There is the *possibility* that they may be back for Spring Fling. (If not, you can count on 49ers.) Vibralex is a really really good band. Pay money to see these guys; it will be worth it. You're gonna love 'em.

This weekend, April 6th, is Kid Rhythm at the SAC. These guys play hard dance rock. They're a good band. If everybody drinks heavily beforehand this dance could be a good time. But be forewarned: remember how every single band we had last year sounded *exactly* the same? Well, this band was booked *last year* by the old dance committee that brought you all of that generic-rock-Albuquerque-bar-band mediocre heavy metal stuff we had before. Expect more of the same. I like this band, since I like dance-metal. Apparently not very many other people do, considering that live band attendance year average around 50 people. If all 50 stuck around that could be ok, but unlike Vibralex, Kid Rhythm just isn't unique enough to *captivate* a small audience.

Speaking of heavy metal: April 13th at the Amphitheatre is Scary Hansum in concert with guest Riff-Raff. This one should be *wild!* First of all, it's free to everybody! I'd be betting on a huge Townie turnout, and that's just where the fun

starts. Riff-Raff is one of Albuquerque's *loudest, rockin' est.* cover bands. They'll crank out for 3 hours to warm up the crowd for the headliner. Scary Hansum has been doin' shows promoting their first album "Take the Pain", and they've gathered quite a following. Recently, they've opened for Don Dokken, Every Mother's Nightmare, and have been sponsored by Corona Lite, as well as having appeared on the Southwest Edge compilation album. Scary will play about an hour-long set of all original, melodic but meaty heavy metal you can dance to. They're really tight, they're really hot!

Campus police are already making special arrangements for what they expect to be quite a crowd. But, it gets better... the 13th is also the Pink Mountain Conference weekend, and they had planned on having a dance anyway. But, homophobia tends to be an integral part of heavy metal pop-culture: that combined with a most certain gang presence should make this show nothing short of a spectacle! Hey, we need some excitement, right?

In the meantime, be on the lookout for some upcoming Generic Student Fundraising club parties. GSF is a new club whose sole purpose is to raise money to fund worthwhile intercollegiate travel and activities. Most of these activities will probably happen just before and during

Spring Fling. We may not have a beer truck, but we're still allowed to have fun. We just need to be a little creative. Some of the GSF members are rumored to be old GSFers of Spring Fling past, so these upcoming parties promise to be big, interesting, and for a really good cause.

Just nineteen slow and painful days from now Spring Fling kicks in. No alcohol? No problem. If you want one person's opinion, on the official side, Spring Fling is really boring, but unofficially a lot of fun things happen (that never really happen, ya'know?). There *wasn't* a scavenger hunt last year, so of course there *won't* be this year! Last year the UNM Lobo got turned into a sheep (really) and CMS's "M" was altered to read NMT. What'll they think of next. Officially there was no scavenger hunt, but *Paydirt* unofficially printed the *official* results of the "non-existent non-event". A team called the *Green Sheep F--kers!* won and the *Eight Ball Club* came in a close second. You can be sure that even more teams *won't* compete this year. But, while all of this mischief *isn't* going on, *don't* get involved because you *won't* have any fun at this *non-alcoholic* Spring Fling otherwise. (Huh?)

Spring Fling seems to be shaping up OK after all: I'm starting to feel a little sick already. Have fun, and don't forget to wear your Rock-n-Roll Condom.



Tech Library staff members and the time capsule. Betsy Kraus, Kay Krehbiel, Tony Telles, Betty Reynolds (Director), Stephen Smoogen (Senior Student Assistant), Kathleen LeFebvre, and Amy Stoklas (Student Representative). Photo supplied by the Public Information Office.

Time capsule placed under staircase of new library

by George Zamora
PUBLIC INFORMATION OFFICER

New Mexico Tech Library staff members recently filled a time capsule with several mementos and later participated in sealing the metal box under the main stairway of Tech's new library which is under construction and is scheduled to open in August.

The time capsule, a recycled ammunition box, contains items such as U.S. coins, a small bottle of New Mexico petroleum, photographs of Tech students, faculty and campus, issues of student newspapers and yearbooks, an

Albuquerque Journal from the date of the sealing, and a copy of Tech professor emeritus Paige W. Christiansen's historical account of New Mexico Tech—*College on the Rio Grande*. Other memorabilia included in the time capsule were library tools such as checkout slips, interlibrary loan forms, catalogue cards, and information on automated library systems.

Library staff members also were allowed to write their names on the interior support walls of the new library's main stairway to commemorate the placement of the time capsule.

Spring has sprung at Tech

by Dawn Thatcher
PAYDIRT STAFF REPORTER

"What the...?" questioned the groundhog as it peeked its head out of a hole on February 2, 1991 to see why a bunch of idiots were standing around in the cold poking cameras in places they didn't belong. "AAAHH!" the groundhog screamed as it encountered the face of Bill Eisenhood, Channel 4 Weatherman, just inches from the ground's surface grinning a wide meteorologist grin.

"Hey, wait... come back!" Bill's not so morning fresh breath called down after the rodent.

So much for traditional springtime predictions. Lucky for us we live on a campus of high technology.

Groundhog or no groundhog, today's advanced breed of NMT students can now evaluate the arrival of spring in terms of experimentation, statistical calculation, and hard nose observation...like good little scientists.

Experiments involving the placement of heavy objects (roommates, books, cake clumps from the cafeteria) anywhere outdoors in order to evaluate the degree of success to which subjects are blown away have proven useful in cases of Is-It-Spring Analyses. A more accurate experimental assessment can be performed in the common dorm room by simply testing air conditioning capabilities. If you turn any given system on and a long lost heater miraculously kicks in, definite springtime can be inferred.

Certain collegiate statistics also prove useful in pinpointing the end of winter. For instance, a decrease in the number of P-Plant coffee breaks seem to

correlate with a change in seasons (but may be directly related to long term bathroom repair in the SUB). It has also been calculated that from winter to spring, the number of deep, meaningless holes being dug around campus as well as the number of unrelated, never to be completed projects begun on a given day increase by a factor of 50. Sprinkler swampland has been found to increase in measurements from 0 to 25 miles between the months of March and April.

The exact arrival of Spring, however, can be pinpointed to the first class day that the percentage of class attendance drops by 50% and the average awakens of students increases by twice that factor.

By far simple observation discloses the most obvious traces of spring at Tech. The sight of trees being blown over on a consistent basis indicates the beginning of spring's windy season (Channel 7 Weather Satellite News).

Speaking of fallen greenery, spring elicits what is noted in the cafeteria as an unmistakably denser dinner salad that for whatever reason exudes an ever so subtle pine bark aftertaste. Also, with the return of the spring season, comes the return of a popular dining feature present in the beverage section where one can obtain either a glass of air or else an exquisitely carbonated form of water depending on one's personal tastes. However, in observational terms, spring can best be documented by the arrival of ARA's lubricated cereal dessert treats formulated directly after spring cleaning of the cereal containers.

Quick! Someone call Bill! The NMT Bureau of Investigations has officially concluded that, "Spring has sprung." Have a good one.

STEPHEN SMOOGEN'S HOROSCOPES

(*Paydirt* accepts no liability for the content of these horoscopes. Cast your own if you like.)

Guten Tag everyone, and thank you once again for taking the time to read my humble horoscopes. Due to the tremendous influx of mail that I have been receiving since my last column, I have decided to reply to some of the common questions that I keep receiving about how I divine your futures. This is a new subliminal message. You will consciously ignore it. You will like my articles more than anything else you can think of. THEY ARE BETTER THAN SEX! end subliminal message. One of the most common questions that you readers keep asking me is why the sign of Aries and Taurus overlap each other on the period of April 21 to April 30. This is due to an astrological concept known as a cusp. For most signs, if you are born on the first or last day of your sign you are considered to not really be in either sign due to the fact that the sun is in transition between the two. Thus your personality and future is the sum of these two parent signs. Subliminal message. I am the greatest astrologer you have ever read. End subliminal message. The reason for the length of time within the Aries-Taurus cusp is due to a tremendous discovery I made last summer about the mystic alignment of the two signs. Now Aries (the ram) and Taurus (the bull) are both horned animals that have been next to each other for many millennium. However a powerful cosmic force (I personally theorize that it is a lost galactic black hole) has caused the two to lock horns, and they are slowly melding into each other. Yet another subliminal message. SEX is good. Astrology is better. end subliminal message. In fact by the year 3000 A.D. my observations predict a complete collapse of the two signs into nothingness leaving only ten signs for people to be born under. The meaning of this for the average Taurus-Aries cusp is that you will begin to assimilate the qualities of both signs. Your hair will grow redder to symbolize the fiery nature of Aries while you will gain tremendous stamina from the earthy nature of Taurus. Subliminal message. Thanks for voting for me. I'll try and do a good job. End subliminal message. Thus by the end of the year, you will turn into an auburn Arnold Swarzenager. The effects on the non cusped people will be negligible for at least a thousand years, by which time you will all be dead and buried anyway. So off to the predictions, which for your convenience are listed in alphabetical order. Adios. . .

Aquarius (January 20—February 18): The majority of your pets will explode this month. Your tallest friends grow small. Dancing bears leap across your mind. A white rabbit dances by. Tea time. Hope you remember to keep off the LDS next time.

Aries (March 21—April 30): You find out this week that Auxiliary services has scheduled you to live in the boiler room behind Fitch. Coming back from classes you find all your stuff moved out and a P-Plant custodian moving in. Good luck.

Cancer (June 22—July 22): Do you want to get a better job. Of course you do. Getting a job in the rock industry can help you find the power and wealth that you have been seeking for so long. Just call this number 1-900-555-7226(\$10/min.) for help.

Capricorn (December 22—January 19): This is a boring month for you as you realize that everyone else's horoscope is interesting and exciting. You feel real bummed and realize that maybe you should be doing something with your life. Vote!!!!

Gemini (May 21—June 21): You wake up in the body of your roommate and spend the rest of the day trying to cover for them in classes. You find out that this is due to an old Indian curse and are forced into some weird cultist rituals to fix it..

Leo (July 23—August 22): You shouldn't be paranoid about those people watching you. Really, they're not out to get you. They're not following you and haven't bugged your room. Just don't keep looking over your shoulder or they'll see you.

Libra (September 23—October 22): Τησ μοντη ισ ψουρα. Ανψτηνυ ψου αυντ. ψου ξαν ηρασε. Σεχ, μονεψ, αυδ πωουερ αρε νοτ βεψουδ ψου. Αλλ ψου νεεδ το δο ισ τακε ζουτρολ. I'm very sorry, but your future is all Greek to me.

Pisces (February 19—March 20): A problem with the phone lines causes all your phone calls to go to NORAD. An order to Pizza Hut causes worldwide Armageddon when you utter the Presidents code with "pepperoni pizza lovers hold the broccoli"

Sagittarius (November 23—December 21): The sexual energy that you have kept repressed for these many years explodes into a fiery exotic dance that you and several partners do in the middle of the cafeteria next week. You gain many new friends.

Scorpio (October 23—November 22): You find yourself in the position of being president of the school due to a clerical error on the part of the regents. You find the bitching of the students to be too much and try to quit but no one will take it from you.

Taurus (April 21—May 20): You are going to have a great life and everything in it will fill you with joy and money. Just because my new editor is a Taurus and is holding a very large gun is no reason why I would divine such a optimistic horoscope.

Virgo (August 23—September 22): Congratulations, for this day is yours to be confused. Everything around you seems kind of strange and surreal. While you can't put a finger on it you know that there is something wrong. Maybe those new glasses.

Surprise: students don't eat properly

COLLEGE PRESS SERVICE

American teens are eating less and getting fatter, University of California-Davis nutrition Professor Carol Meredith told a health workshop at Purdue University in early March.

"About 25 percent of the food adolescents choose to eat is junk food," she said, adding they then spend about 20 hours a week watching television instead of performing some kind of physical activity.

Police Blotter

by Taige Blake
CAMPUS POLICE CORRESPONDENT

Due to the short duration between this area and the last, there is no edition of *Police Blotter* in this issue. The column will return in the final issue of the semester, scheduled for April 30.

EXPRESS YOURSELF!

If you have something to say but your voice is lost in the crowd, Speak Up! Write a letter to *Paydirt!* Letters to the Editor Box GG, Campus Station



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Vancouver Wind Trio performance dispels myths of classical music

by Nik Chawla
PAYDIRT STAFF REPORTER

Classical music is "serious" music and can only be played with reverence and respect, right? The Vancouver Wind Trio dispelled this myth in a Performing Arts Series concert Saturday, March 21. The group, consisting of bassoonist Anthony Avery, oboist Hamish Gordon, and clarinetist Lorne Buick, provided an entertaining performance full of great music accompanied by outrageous comedy.

Founded in 1980 by Anthony Avery, the trio toured through China, Japan, Canada, and the US. The 90-91 season includes a tour of Russia as well. The group played a wide variety of arrangements of well-known pieces from the classical repertoire but also included rags by Scott Joplin and music from Fats Waller and Bill Haley. The concert began with a beautiful performance of the overture from Glinka's *Russian and Ludmila* and a stirring rendition of J.S. Bach's concerto for oboe and violin, where Gordon played his own role of the oboist and Buick played the part of the violin, while Avery filled in the remarkable accompaniment. The trio was also at home with Bartok's *Romanian Dances*, adding a delightful gypsy-like touch to the music. Avery then presented his \$25,000 double bassoon and played the lowest note on any instrument at a mere 28 cycles per second (by comparison, Middle C is 256 cycles per second). This instrument served the perfect role of the elephant in the *Carnival of the Animals* by Saint-Saens. The players also played the roles of kangaroos by moving their heads up and down so as to see the animals hopping and then provided a hilarious rendition of chickens and roosters by playing and running around the stage

aimlessly. The group also showed its proficiency with jazz by playing a couple of rags by Scott Joplin in a very relaxed fashion; said Buick "In the score of this piece, Joplin specifically says that it is supposed to be played slowly, but he's dead now!"

After intermission, the Vancouver Wind Trio played some music by Mozart, the overture to *Marriage of Figaro* and a divertimento originally written for strings. Incredible, these three wind players produced a powerful sound for music that was written and meant for an entire orchestra! Another entertaining piece, especially for younger people in the audience, was the "mother of all arrangements", as introduced by Gordon, of Prokofiev's *Peter and the Wolf*. Amazingly, the three players played all the roles ranging from the duck who talked from the wolf's belly, to Peter and his mean grandfather. The final number was *Rock Around the Clock* when the players donned sunglasses and leather jackets and got "down and funky." This wasn't enough for the audience, so the wind trio played the *Flight of the Bumble Bee*, by Rimsky-Korsakov, as an encore in a world-record 56 second performance.

The oboist Gordon, who joined the group three years ago, was flawless throughout showing great virtuosity and a wide range of color and projection. Buick was solid on the clarinet, but lacked the range and projection of Gordon. Avery was particularly impressive, showing wit in his impromptu explanations to the pieces that were played. He also succeeded in elevating the bassoon family to the standard of their more popular counterparts. In the end, the Vancouver Wind Trio proved that one does not have to be stiff or have a Ph.D in Musicology to enjoy classical music.