

Analysts save marriages, select juries

By LORI HELLER
Collegian Staff Writer

Analysts are in vogue today. People all over the country are seeking analysts' advice about everything from saving a marriage to selecting a jury.

For most lawyers, jury selection can be the most important aspect of a trial, which is why in many civil and criminal cases, attorneys ask behavioral scientists to help evaluate prospective jurors.

John De Lorean's lawyer hired a jury analyst to conduct a national opinion survey when the auto manufacturer was tried on drug trafficking charges last year.

Bellefonte attorney Amos Goodall hired a State College jury analyst to help him select a jury for a criminal trial that presented a number of potential prejudices.

Arthur H. Patterson, associate professor of administration of justice at the University and founder of Jury Analysts Inc., 218 Adams Ave., said he began his business to help lawyers better understand jurors' attitudes and personalities. "Lawyers are trained in law, but they're not necessarily trained in psychology," Patterson said.

"We can tell lawyers what types of jurors are most likely to acquit or convict for their type of trial," he said. "We give lawyers advice on how to present their evidence to jurors most effectively."

The scientific approach to jury selection is not new, Patterson said. The concept began about 15 years ago and has recently become popular.

Patterson said he is usually only consulted on trials involving affluent people and murders.

"The cases involving affluent people are ones like bribery and income tax evasion," he said.

"The stakes in the murder trials are so high that people will spend the extra money on a consultant."

There are about six large jury consulting firms nationwide and a few dozen smaller firms like Jury Analysts Inc., but hundreds of individuals serve as private consultants to lawyers, Patterson said.

He said he believes social psychology is helpful to lawyers because it attempts to make jury selection more precise.

Patterson's research has shown lawyers often incorrectly predict the jurors' reaction to evidence.

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Patterson's work with a client begins long before the jury is selected.

Before he or any other consultant can advise a lawyer on what type of person would make a favorable juror, research studies are compiled and research polls are conducted by telephone.

"We use a random sample of the potential jury pool in the county where the trial is going to take place," Patterson said. "There are many legal issues involved in doing this. We work closely with the attorneys and we avoid polling anyone who may be involved with the specific trial."

Patterson said questions deal with demographic characteristics, attitudes toward the judicial system and personality traits.

From these questions, Patterson said he compares the answers and attitudes of people polled with the major issues of the trial. This comparison

tells lawyers what type of people would best make jurors, he said.

For example, Patterson said several studies indicate that authoritative people from large families and women with higher education are prone to convict defendants.

This information helps lawyers prepare their cases, Patterson said.

Lance Sholand, a University psychology professor who works for Patterson, said the services they provide are reasonably effective for the lawyers.

"We don't guarantee them success, but we provide more feedback and suggestions that help them produce beneficial results," Sholand said. Sholand said his psychology and law background enables him to assist Patterson in evaluating a prospective jury and in advising the lawyer on how to present evidence effectively at the trial.

Goodall, one of the few Centre County attorneys who has dealt with Jury Analysts Inc., said he was pleased with the results of their work.

Although Goodall would not comment on the case Patterson worked on for him, he said the research done by Jury Analysts Inc. enabled him to obtain a pool of 56 potential jurors.

Patterson said a small percentage of his clients are from Centre County because fewer serious crime trials occur here.

Is Patterson's service only for the wealthy?

"No, we have a sliding scale fee system where we do work for people for much less than what we usually charge," Patterson said. "We have worked for low income people and we have, on occasion, volunteered our time."

The fees for Patterson's services vary, depending on the amount of time he and his colleagues spend on a case, he said.

Speakers discuss women's career choices

By NANCY FUNK
Collegian Staff Writer

Women are more likely to make career decisions based on the happiness of others than on their future goals, creating a barrier for women hoping to advance in their field, speakers at a recent panel discussion said.

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Dean to sit on national board

By DAMON CHAPPIE
Collegian Staff Writer

Charles L. Hosler, University vice president for research and dean of the Graduate School, will be nominated by President Reagan to serve on the National Science Board.

The 24-member board sets the policy for the National Science Foundation, which administers scientific programs and publications and funds research.

If Hosler's nomination is confirmed by the U.S. Senate, he will become the second University faculty member to serve on the board.

Eric A. Walker, president emeritus of the University, served as NSB chairman from 1964 to 1966.

Hosler's long-time association with the University as a student and a professor has been marked with many accomplishments in meteorology.

Hosler became head of the University's research programs and the Graduate School in March after serving as dean of the College of Earth and Mineral Sciences since 1984.

Hosler holds bachelor's, master's and doctoral degrees in meteorology from the University. He joined the faculty as a graduate assistant in 1947 and was appointed assistant professor of meteorology in 1951. He became a professor in 1960 and headed the department of meteorology from 1961 to 1966.

Hosler is a member of the American Association for the Advancement of Science and the National Academy of Engineering and is a fellow and past president of the American Meteorological Society.

He served as chairman of the White House Briefing Group on Atmospheric Sciences of the National Research Council from 1983 to 1985.

He is the U.S. representative on the Executive Committee Panel of Experts on Education and Training of the World Meteorological Organization and a member of the Environmental Protection Agency, including the U.S. Air Force, National Science Foundation, NASA, McDonnell Douglas and the Atomic Energy Commission. He also served as a adviser on meteorological matters to President Dwight Eisenhower.



Charles L. Hosler

Rockathon takes off

By COLBY STONG
Collegian Staff Writer

Beta Theta Pi fraternity members will kick off 54 consecutive hours of rockin' for charity today as they present the 12th annual Rockathon for Cystic Fibrosis.

Four fraternity members at a time will rock in two large rocking chairs. One chair will be placed at the intersection of Allen Street and College Avenue at the base of the Mall, the other at the corner of Shortledge Road and College Avenue. They will begin rocking at noon today and will continue non-stop until 6 Saturday night, said Rockathon Chairman Paul Lepar.

The chair at Shortledge Road and College Avenue will be moved to the Intramural Building at 7 Saturday morning for the football game against Temple University, he said.

Lepar said the fraternity's 55 members will rotate in one-hour shifts throughout the three days. When members are not in the chairs, they will be coming to collect donations from passersby.

Lepar said the fraternity hopes to increase public awareness about cystic fibrosis.

The last borough council election saw Council President Mary Ann Haas fill a seat with the 3,142 votes.

"The basic thrust is that 3,100 votes is not a lot of votes," Malone said. DeNaro said that student input to Council has been low in the past when previous borough decisions were made concerning issues like the rental licensing proposal and the noise and open container ordinances.

"We're really concerned to get students registered in Centre County because the more student input in general, the better things will be for students," Denaro said. "That's all our motivation; just getting involved in the local government."

Malone said several task groups

Students can register opinions through votes

By W.T. HOLLAND
Collegian Staff Writer

Students can have a direct and positive impact in future State College Municipal Council decisions if they register to vote in Centre County, said the chairman of the Undergraduate Student Government's Voter Registration Drive.

"We want to emphasize that we can have a direct, positive impact into Borough Council decisions that have an impact on students," said Drive Chairman Devin Malone. Students may register at various locations on campus until the drive ends Oct. 6.

A booth, operated jointly by USG and the Organization for Town Independent Students, will open tomorrow in the HUB ground floor where WQW-FM will broadcast by a live remote radio.

OTIS personnel will man the booth on Mondays and USG senators will take over on Thursdays from 11 a.m. to 1 p.m. during lunch rush hours, said OTIS Vice President Dana DeNaro.

Malone said that six candidates will run for three council positions this November. Students who want to see their views considered on Council should register to vote for candidates in this election, he added.

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Vigil to support divestment

By VICTORIA PETTIES
Collegian Staff Writer

A candlelight vigil at 8 tonight in front of the gates on College Avenue will commemorate the death of a prominent black South African leader and once again demand University divestment, the president of the Committee for Justice in South Africa said.

Katrina Scott said petitions urging the University to discontinue financial investments in South Africa will be circulated throughout the day in preparation for the vigil.

The committee, in conjunction with the South Africa committee of the Central Pennsylvania Citizens for Survival (CPCS), will also staff information tables at the gates from 10 a.m. until the start of the vigil, Scott said.

The vigil will include seven speeches on issues related to South Africa and apartheid.

The petition drive and vigil coincide with the eighth anniversary of

the death of Steve Biko, a South African political leader who was killed in prison by the South African Security Police. The vigil also will honor other slain political leaders in that country, Scott said.

Scott said she believes the University should stop segregating its ethical and financial concerns.

She added that her committee disagrees with the Undergraduate Student Government's approach to the South African issue. The USG information drive, a series of lectures on apartheid by noted speakers, was beneficial in educating students. But the follow-up telephone poll of students' views on South Africa serves no purpose, Scott said.

The state of emergency in South Africa is a manifestation of an ongoing exploitation, Scott said, adding that an education drive at the University should also reflect this fact.

"We (the committee) will be working throughout the year to educate students," Scott said. Scott's committee

will also be working with the Black Caucus and the CPCS on South African issues.

Black Caucus will continue to participate in protests to present a united front against the University's stand on divestment, Black Caucus President Larry Patrick said.

He said he thinks the University has a high level of involvement in student protests compared to other universities.

Five of the seven lecturers scheduled to speak tonight will appear at the gates. A candlelight march to the steps of Old Main, where the last two lecturers will speak, will follow, Scott said.

Scott and Patrick will speak at the vigil, along with CPCS member Robert Allen. The other speakers will be Donald Rallis, a white South African; Zwickli Mshabe, a black South African; Jim Stewart, director of the University's Black Studies Program; and Reverend Anne Aid of United Ministries.

TIPS is just a phone call away

By GREGG BORTZ
Collegian Staff Writer

Robert Dudley, director of administrative services working with TIPS, said stickers with TIPS numbers have been placed in various learning centers such as Pattee to "keep up some kind of visibility."

He said there "used to be a TIPS brochure in every freshman's packet, but we no longer do that."

Messages are recorded at the audio production department of WPSX-TV in Wagner Building, David Mascardi, who is in charge of the recording process, said while some information for messages has not changed in years, information concerning health and various college majors is updated yearly.

James Kelly of the Division of Undergraduate Studies is in charge of Academic Information for TIPS. He writes the scripts for most of the academic procedure tapes, such as those for admission and registration, but he said information concerning an individual major is compiled by "people who are in charge of the actual school."

Dudley said, "Right now, usually an academic person comes up with a concept and sometimes writes the script."

Froke said student service messages are compiled by University staff members involved with a particular concern.

Haze not regarded as health hazard

By STEVE SNYDER
Collegian Staff Writer

Although atmospheric inversions are common in State College during fall and winter months, without heavy industry in the area the health hazard is minimal, University meteorology instructor Paul Knight said.

"This is truly Happy Valley" because of the lack of heavy industry, State College "can't get air pollution episodes" caused by inversions, he said.

The "deck of haze" seen in State College during the early morning hours is due to air mass inversions, Knight said.

Fall and winter months are the peak season for inversions, he said.

When an inversion occurs, air masses close to the ground become cooler than the upper air masses — a condition opposite to normal atmospheric conditions.

Inversions are most frequent in fall and winter months because the Earth loses more heat than it gains but the atmosphere remains relatively warm from the summer months.

Because cooler air is already nearer the Earth during an inversion, the normal tendency for cool air to sink is nullified, creating a stable condition. Because there is no natural "overturning" of air during an inversion, the air circulates very little and pollutants begin to collect, Knight said.

Happy Valley, because it is a valley, is particularly

'By noon on the 30th, you couldn't see across the street. The pollution was that thick.'

—Paul Knight, University meteorology instructor

susceptible to inversions, but no hazards have been created in the area.

Other areas have not been so lucky.

An inversion in Donora, about 35 miles south of Pittsburgh, lasted from Oct. 25 to 31 in 1947. Toxic fumes from local smelting, wire and insulation factories collected in the town for five days, Knight said.

"By noon on the 30th, you couldn't see across the street. The pollution was that thick," Knight said, adding that the inversion effects were directly linked to 20 deaths.

"An inversion occurs most every night in fall and winter," but lasts only six to 10 hours, Knight said.

Because inversions are so short, there is no danger, but still, there will be no serious health hazards should that occur, he added.

The most serious inversions occur in the arctic region, Knight said. In arctic cities such as Anchorage, Alaska, inversions can persist for up to a month.

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