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The arthenon

Wednesday, Dec. 5, 1984

Vol. 86, No. 46

Marshall University's student newspaper

Science faculty cite problems with addition

Grumblings increase with new delays

By Joy Adkins

Problems with the addition to the Science Building and the pending renovations to the old part have caused the sentiment of some faculty members to go from "frustration to utter anger," according to department chairmen in the College of Science.

"I'm concerned about the new building literally from the ground up," said Dr. Richard B. Bonnett, chairman of the Department of Geology. "The engineering is questionable. We either speak now or we'll have to live with it for 20 years until it comes time to renovate the building again."

Bonnett said students should be upset with the situation, adding that it will affect far more students than

The Science Building project, approved by the Board of Regents in 1977, included plans for building a new facility and renovating the old one. Cost overruns on the new building used up more money than was expected, leaving only \$4.5 million out of the original \$8.9 million for renovations on the old building. Marshall officials say that the \$4.5 million is not adequate to make the building an acceptable instructional facilty.

Bonnett said he is worried about the MU science programs with the possibility of the project not being completed as originally planned.

What hurts is that Marshall has a reputation of having good science-programs. I'm afraid we're not going to be able to continue viable programs. The BOR has virtually left us with a half finished building," he said.

All three phases of the Science Building project were scheduled to be completed by the beginning of this semester. If construction had gone on schedule, faculty would have been in the new part two years ago.

Dr. Ralph Oberly, chairman of the Department of Physics and Physical Science, said the delays in moving into the addition have negatively affected his department because the lecture rooms are now scattered across

"We have no chance to do lecture demonstrations - a vital part of the lecture class," he said. "Physics majors realize they are being handicapped by

He said the architects and the Board of Regents, who approved the plans, are to blame for the problems with the project rather than the contractors.

The BOR allowed the building to be built as it is; then the contractor comes along and paints in the cracks to make it look better for when they get rid of

The BOR had a preconceived conclusion as to how the money would be See FACULTY, Page 5

Current Student Activity Fees and Proposed Increases

Fee	Amount of Present Fee Per Semester	Amount with Requested Increase
Artist Series, Convocations, Forums	\$ 8.35	Not Reviewed This Year
Birke Art Gallery	.30	.45 - 15¢ Increase
Chief Justice	2.55	Not Reviewed This Year
Debate	1.50	Not Reviewed This Year
Escalade	.30	Did Not Request An Increase
et cetera	.45	Did Not Request An Increase
Health Service	22.00	Not Reviewed This Year
Identification Card	.50	Did Not Request An Increase
Intramural Sports	4.00	\$5.00 - \$1.00 Increase.
Music Organizations	4.00	Not Reviewed This Year
Parthenon	6.00	Did Not Request An Increase
Programming Student Activities	6.75	\$10.25 - \$3.50 - \$1.50 for Concerts Only
Student Government	1.00	Not Reviewed This Year
Student Legal Aid Program	1.00	Did Not Request An Increase
Human Relations Center	1.70	\$2.20 - 50¢ Increase
University Theater	1.15	\$1.75 - 60¢ Increase
WMUL-Radio	1.95	Not Reviewed This Year
Total Institutional Activity Fee	63.50	
Student Center Bonds	18.00	Not Reviewed This Year
Student Center Operations	13.50	Not Reviewed This Year
Intercollegiate Athletics Fee	36.00	\$41.00 - \$5.00 Increase
	Total \$131.00	Total With Increase \$141.75

Fees panel assesses requests today

By Myra Chico Reporter

The Committee To Study Student Fees will meet at 2 p.m. today in Old Main Room 108 to decide the fate of six student activity fee requests.

There are 20 student activity fees, 11 of which were reviewed this year. Six of these 11 requested increases in funds totaling \$10.75.

If the increases are requested the student fees will increase from \$131 to \$141.75.

The accounts that were reviewed this year are Birke Art Gallery; The Escalade; et cetera; Identification Card; Intramural Sports; The Parthenon; Programming Student Activities; Student Legal Aid Program; Human Relatons Center; University Theater, and Intercollegiate Athletics.

The accounts requesting increases are Birke Art Gallery, Intramural Sports, Programming Student Activities, Human Relations Center, University Theater and Intercollegiate Athletics.

Snyder says Hawaii tournament not expensive

By Edgar Simpson Staff Writer

The Thundering Herd's week-long stay in Hawaii cost no more than going to Eastern Michigan, Athletic Director Lynn J. Snyder said Monday.

Snyder said the basketball team's appearance in last week's Hawaii Tipoff Tournament cost the Athletic Department between \$6,000 and

Expenses were defrayed by a \$5,000 guarantee from the tournaand a tax-iree is cnar about 90 fans and Big Green Foundation members who accompanied the team, he said.

Snyder said exact figures are not available on the total cost of the journey. But he said the expenses are comparable to an away South-

ern Conference game.
Following the game with West Virginia University Saturday, the Herd again will travel to the West Coast to play Fresno (Calif.) State

Both Snyder and Head Coach Rick Huckabay said they attempted to schedule the game to coincide with the team's return from Hawaii, but Freeno could not work the match into its schedule.

Bruce Grimmett, the Athletic Department's business manager, said he could neither confirm nor deny Snyder's cost estimate of the Hawaii trip.

"I can't say that it is right or wrong," he said. "I haven't got the

Snyder also said Fresno has guaranteed Marshall \$10,000 to help pay the cost of traveling.

Huckabay, who wrangled the invitation to the Hawaii tournament through a former coach and colleague from Louisiana, said he does not know how much either trip will cost the university. But he said the Hawaii tournament will reap benefits other than monetary.

He said the team's appearance in the island's tournament will boost recruiting efforts and eventually raise revenue through ticket sales as a result of scheduling contacts made at the tournament.

"We are going to go back," Huckabay said "A thing like this is a long term project.'

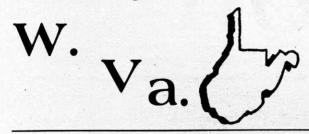
Snyder agreed.
"I look at it as a fundraiser," he said. "There's no doubt that it will be a tremendous help in recruiting and scheduling down the line and with our booster program. Strictly

Snyder also said the two transcontinental trips should have no bearing on his request for a \$5 increase in activity fees for the Athletic Department. The fees committee will make their recommendation to President Dale F. Nitzscke this

week.
"The two are not connected,"
Snyder said. "The Hawaii trip is not expensive."

Beyond MU

From The Associated Press



U.S.A.

World

Residents 'nervous' after India gas leak

INSTITUTE — "Nervous" residents of this industrial town, site of the only U.S. Union Carbide plant making the poison gas that killed hundreds in India, Tuesday spoke of little besides the deaths and their fear that a deadly leak could occur here.

At Andy's Grill, which sits in the shadow of the giant Union Carbide complex along the Kanawha River in this Charleston suburb, Reginald Willis and Rex Pleasants said the

deadly chemical — methyl isocyanate — has been a prime topic of conversation.

"Nobody around here would have a chance if that stuff got out; we're right next to it," said Willis. "If it got out, I figure it would hug the river and wipe out the town; then it would wipe out Charleston."

The men, both in their 60s and longtime residents, characterized the town as "nervous." The plant production unit that makes methyl

The plant production unit that makes methyl isocyanate, which is used in pesticide production, was shut down Monday even though no accidents have ever occurred with the gas here.

"We have operated that facility ... for over 17 years without any serious injury or exposure to anyone," said plant manager Hank Karawan.

Murderer confesses mistake

PINEVILLE — A man who was sentenced to life in prison for killing a local bartender says he intended to shoot the bar's owner instead, in an alleged murder-for-hire scheme.

Russell Randall Reed, who pleaded guilty to first-degree murder in October, received the sentence with mercy on Monday, meaning he will be eligible for parole in 10 years, said Wyoming County assistant prosecutor David G. Thompson.

Reed shot Russell H. Candler, 29, of Bluefield to death on Jan. 28 at the Midway Tavern near

Pineville.

Reed, 20, told police that he had planned to shoot Mullens on a certain night, and that he had been told Mullens always sat at a particular table in front of a window at the Midway.

Candler was sitting at the table the night of the shooting and appeared to be Mullens since both men had beards, according to Reed's statement. Reed said he shot Candler with a rifle through a tavern window from across the road.

State rejects mall purchase

CHARLESTON — The state Board of Investments has rejected a Michigan corporation's proposal to purchase the Kanawha Mall.

The proposal by Investment Group Capital Corp., based in Ann Arbor, Mich., also was rejected by Magnet Bank, which provided \$1 million in financing in addition to the state's \$8.5 million loan earlier this year for the project, a bank spokesman said.

The mall's developers, including Charleston businessman Fred Haddad, have been seeking permission to sell the newly opened complex to

Investment Group Capital.

The state and Magnet Bank agreed to finance a \$9.5 million 30-year mortgage for the developers at 12 percent interest, so any sale of the property must be approved by both lenders.

But a letter written by state Treasurer Larrie Bailey, also the investment board's executive secretary, said that after an informal review, the board was "unwilling to give its consent to the proposed assumption of the trust loan."

Schroeder continues unequaled recovery

LOUISVILLE, Ky. — William J. Schroeder "slept very calmly" overnight while doctors experimented with the rate of his artificial heart in preparation for the start of an exercise program, his surgeon said Tuesday.

Dr. William C. DeVries, in his second news conference since implanting the Jarvik-7 artificial heart in Schroeder 12 days ago at Humana Heart Institute, said the last intravenous tubes monitoring the heart rate and drug effects would be removed from Schroeder's chest Tuesday

Today, Schroeder will begin an exercise program, consisting mostly of short walks, using the 11-pound portable power pack that can keep his mechanical heart beating up to three hours at a time, DeVries said.

Schroeder's condition was upgraded to serious from critical Monday, Dr. Allan M. Lansing, the institute's chairman and medical director, said.

Strike idles 430,000 students

CHICAGO — Marathon negotiations aimed at ending a teacher's strike that has closed classrooms to 430,000 students resolved many issues Tuesday, officials said, while the Rev. Jesse Jackson and other community leaders prepared to lock arms in a marchg calling for both sides to bend.

Talks between representatives of the Chicago Teachers Union and the Board of Education recessed early Tuesday after about 11 hours. Monday's walkout by 28,000 teachers and 12,000 other unionized workers slammed doors shut in the nation's third-largest school system.

Negotiations recessed shortly before 2:30 a.m.
Tuesday. They were to resume later Tuesday.

"We report that today's exchanges reflected good-faith negotiating, and communications were more clear," school board President George Munoz said as he left the talks. "There were a lot of issues resolved today."

Salaries were discussed "in context" with other issue but were not resolved, he said.

The average starting salary for Chicago teachers is \$15,471, and the top salary after 15 years is \$30,759.

Beef conspiracy uncovered

PHILADELPHIA — Thousands of school-children, hospital patients and Air Force personnel in five states ate "putrid and decomposed" beef butchered from dying and diseased cows, a federal grand jury concluded Monday.

During the three and one-half year conspiracy, the cattle went from farmers to a pet-food company to a meat processor to wholesalers, who shipped tainted hamburger patties and stew beef to Pennsylvania, New Jersey, Delaware, Virginia and Arkansas, according to a 31-count indictment handed up Monday.

Four men were charged with conspiracy to sell uninspected meat for human consumption. If convicted, they face prison terms of up to 53 years and fines of up to \$170,000.

Each week form October 1980 to February 1984, the processor sold up to 15,000 pounds of meat that "consisted in whole or in part of filthy, putrid, and decomposed substances and was unsound, unhealthful, unwholesome and otherwise unfit for human food," said Joel Friedman, director of the Philadelphia Strike Force in charge of organized crime.

Death toll mounts in gas-leak tragedy

BHOPAL, India — The death toll is feared to surpass 1,000 Tuesday in the deadly gas leak from a U.S.-built pesticide plant in central India as relatives flocked to mass burials and security forces gathered more than 600 bodies from Bhopal and nearby towns.

Indian officials said most of the victims were children and described the lead, which occured early Monday, as the worst environmental disaster in recent history.

Prime Minister Rajiv Gandhi called the incident "horrifying," set up a \$400,000 government emergency relief fund and said he would tour the city of 895,000 later Tuesday.

The leak of methyl isocyanate gas affected an estimated 20,000 residents of Bhopal, capital of Madhya Pradesh state obout 370 miles south of New Delhi, and triggered a mass exodus from their city.

The deadly white cloud of gas had cleared but air samples tested Tuesday were found to still contain deposits of the deadly gas.

Rebel offensive spurs air raid

SAN SALVADOR, El Salvador — Government warplanes bombed and strafed suspected rebel positions on the slopes of a volcano, and guerilla leaders said they would consider a cease-fire for the Christmas holidays.

The air raids were staged Monday near El Salto, a village 30 miles south of the capital where guerillas had attacked a civil defense post and ambushed a company of soldiers sent to drive them away.

Government troops entering the site of the weekend fighting on the slopes of Chichontepec volcano found the bodies of 43 soldiers, according to journalists accompanying the army. They said 35 soldiers were reported missing.

The rebel offensive began shortly after an inconclusive meeting between both sides on Friday, a follow-up to the first round of peace talks in October.

In Mexico City, one of the rebel negotiators, Hector Oqueli, said Monday the guerillas would consider a cease-fire for Christmas or "for any

No first-use pledge discussed

MOSCOW — The United States should match the Soviet Union's pledge not to be the first to use nuclear weapons so "we'll all be able to sleep easy," American industrialist Armand Hammer said Tuesday after meeting with Soviet President Konstantin U. Chernenko.

Hammer, 86, head of the Los Angeles-based Occidental Petroleum Corp. said Chernenko gave him a statement to read to reporters after their hour and 35-minute meeting. The Chernenko statement said the "mercurial" nature of U.S.-Soviet relations "does not happen through any fault of ours."

Hammer added, "We'll all be able to sleep easy if we know an agreement has been reached by both sides not to be the first to use nuclear weapons."

He said he asked the Soviet leader two questions — whether a U.S. declaration against being the first to use nuclear weapons would be considered a desirable action and whether such a declaration would improve the chances for further high-level U.S. Soviet meetings.

Chernenko answered "yes" to both questions, Hammer said.

Opinion

Coon's successor needs to be strong leader

The retirement of Dean Robert W. Coon will mark the end of an era in medical education at Marshall. Coon, who has been dean since the school was created in 1972, was instrumental in fighting for Legislative approval of the school and has been a strong lobbyist for it ever since. He provided a guiding hand in the medical program's formative years by implementing a curriculum which emphasizes rural health care for West Virginia. Coon also saw the school through the completion of a new facility.

During Coon's administrative years the Marshall medical school has graduated four classes of physicians and has established itself as a credible institution for medical education.

The field is narrowing in the search for Coon's replacement. The job of selecting a dean

The retirement of Dean Robert W. Coon will to lead Marshall's School of Medicine through tark the end of an era in medical education at larshall. Coon, who has been dean since the chool was created in 1972, was instrumental in mind during the search for a capable administrator:

(1) A firm dedication to excellence in medical education.

(2) A strong background in research.

(3) Good administrative skills.

(4) Thorough understanding of the abysmal outlook for higher education in this state — the lack of commitment by the Legislature and state taxpayers to provide adequate education funding.

(5) Willingness to be a strong advocate of Marshall's program, knowing that in the past the

state Legislature has cut Marshall's budget and attempted to consolidate the state's medical schools.

(6) Insight into the future needs of this state for medical education and a continuing commitment to rural health care.

(7) Accessibility to faculty, staff and students. Desire to be receptive to input and to work with those involved at various levels of the medical school.

We urge the search committee to keep these characteristics in mind when they get the chance to meet and question medical school dean applicants. A strong, effective leader is needed to guide Marshall's Medical School as it continues to grow and further establish itself as a quality institution for medical training.

Question the solid foundation

It is a rare occasion when a Marshall faculty member can use a campus construction project to illustrate a point during a lecture. But for Dr. Richard B. Bonnett, chairman of the Department of Geology, the construction on the addition to the Science Building was an example too obvious to overlook.

Bonnett said students came to him with questions when the workmen were preparing to pour the foundation of the annex. "Students noticed they were using 4-foot-square pads which meant they were going to pour it on a spread footer.

"If you use spread footing — unless it is on bedrock — there will be some settling as there is when you build a house." Even the students noticed it, Bonnett said.

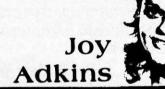
Officials involved in planning the Science Building contacted Bonnett for his advice on "the substrate," to use the proper geological term. He told them not to mix foundations since the old building is built on I-beams driven all the way to bedrock.

Apparently Bonnett's cautioning was ignored and he expects real problems once the building "comes to life."

"It now has a static load," he said. "But it will soon be a dynamic load when equipment is moved in and students start moving through there."

The walls in the addition have already cracked several times and students aren't even in there — a result of settling.

Bonnett assured me there was no danger of the building collapsing, but said the settling problems will cause constant maintenance nightmares.



I don't know what will happen when the building comes alive, but what he is saying sounds logical. Houses with footers do settle some and it seems that a four-story science facility would settle a lot.

Bonnett spares no words when he speaks of the work on the addition.

"It has been a joke from the start. It looks nice and is attractive to the eye, but it is a lot less than what it looks to be."

He illustrates his claims by relating what one of the workmen had told him. "Usually engineers like to brag but he said, 'this is one building I'll never say I worked on.'"

Bonnett disputed rumors that science faculty were fighting among themselves over this. "We are supporting one another. If we don't scream now and get it fixed right, we never will."

Claiming that the Board of Regents does not have the administrative machinery to handle this type of construction, Bonnett said, "They need someone on campus with the authority to make decisions then and there. If something goes wrong, that person would have the authority to stop construction."

The bottom line is that in private industry, the addition to the Science Building would not be accepted. The Board of Regents should consider this before it accepts a faulty building with open arms.

Our Readers Speak

Proposed handbook would eliminate staff release time

To the Editor:

Marshall University appears to be about to take a giant step backward. In a day and age in which many corporations actively encourage higher education among their employees, the Board of Regents has proposed the elimination of release time for pursuing higher education at Marshall. On page 54 of the proposed statewide staff handbook, under the section titled "record-keeping" the new handbook states:

Absences from the regularly established work schedule shall not be considered hours of work for wage law purposes. Therefore, all employees must make up the hours missed while attending class. Non-exempt employees must make up the time during the same work week in which the classes are attended. Exempt employees must make up the time during the same semimonthly pay period in which the classes are attended.

The document goes on to charge the administration with the responsibility to keep accurate records regarding time worked and time made

I feel that as an institution of education that this step shows a lack of real concern about the value of higher education. The document has not been shown to the staff, other than the council, despite its very serious effect on those who wish to better themselves through coursework here at Marshall.

I therefore call upon all staff, faculty and administrators to oppose this change in our benefits.

Sincerely, David McGee Plant Operations

The Parthenon

Founded 1896

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Letters Policy

The Parthenon welcomes letters concerning the Marshall University community. All letters to the editor must be signed and include the address and telephone number of the author.

Letters should be typed and no longer than 200 words. The Parthenon reserves the right to edit letters.

Corrections Policy

Errors that appear in The Parthenon may be brought to the attention of the editors by calling 696-6696 between 8 a.m. and 4:30 p.m. on weekdays.

Correction

It was incorrectly reported in Tuesday's Parthenon that tuition and housing payments for spring semester are due Jan. 2. However, if students are registering early tuition is due Dec. 17. Housing payments are due Jan. 2.

Coon readies for retirement, evaluates career

By Pam King Reporter

Dr. Robert W. Coon, who has served for the past eight years as dean of the School of Medicine and vice president for Health Sciences, will retire after this semester.

When Coon arrived in 1976, the medical school had only a two-year program begun in 1972. Now, he said, "we have established and accredited a school of medicine"

Dean Coon helped establish the four-year medical program by selecting faculty, evaluating and upgrading the curriculum and working with the Veteran's Administration and Board of Regents.

When Marshall was considering a school of medicine, the Veteran's Administration agreed to help fund the school for the first seven years.

"We got 90 percent funding the first three years and 10 percent less per year until the seventh year," Coon said. "This paid the salaries and fringe benefits of the staff."

Coon did a lot of campaigning for the medical school in the early, unsteady days. "We requested accreditation for a four year school and made an agreement with the legislature for increase funding when the VA decreased funding." he said

when the VA decreased funding," he said.

But Coon said he never doubted that the four-year program would become a reality.

"I never questioned it.

"The time frame (to become a four-year working program) was essentially what we had projected. We were a shade slower in projected student enrollment," he said, due to a one-year delay in the construction of the VA medical building.

"Marshall is firmly established. We're getting a national reputation. Our graduates have gone from here to other residencies and have done well," he said

"We have a good, sound educational program."

Coon's accomplishments for the medical school included getting the maximum students in each class (48) and stabilizing the residency training program for the continuing medical education of young physicians.

"We're bringing in the four fall classes with 48 in each class, we have 83-85 residents studying things such as pediatrics, OB/GYN, and family practice. We have firmly established these programs with well-established educational objectives."

Coon said he had many proud moments as dean. "One was when we received a letter of reasonable assurance of accreditation," he said. "Another was



Marshall is firmly established. We're getting a national reputation. Our graduates have gone from here to other residencies and have done well.

Dr. Robert W. Coon

the opening convocation of the first class, and also when the first students graduated from the school of medicine."

But Coon said not all the credit belongs to him. "It's not done by one individual. It is a combination of people. It takes a team effort," he said.

Although much has been accomplished, Coon said plenty of work will remain for the new dean.

"The job is never finished. We need to continue recruitment, strengthen faculty, review and modify the curriculum and expand residency, research, and the outreach programs," the dean said.

Outreach programs send students to work in rural communities, which reinforces Marshall's goal of

advancing rural health care.

"Half of the residents who graduated from other schools, but came here for their residency training, stayed in W.Va.," Coon said.

Although the Marshall faculty promotes rural health care, the graduates who remain in the state are not necessarily the program's greatest benefit.

"It is the impact we have on the state. The presence of the school attracts young physicians to this area," Coon said

In being consistent with the request to the legislature of 48 students per class, "we're meeting the needs for young West Virginians in medicine. That's the key," Coon said.

Before coming to Marshall, Coon served as vice chancellor for health education to the West Virginia Board of Regents. Prior to that, he was assistant chancellor for health and education and dean of a proposed school of medicine at the University of Maine.

Coon received his medical degree from the University of Rochester and has served as an attending pathologist and professor at several hospitals and universities, including New York's Presbyterian Hospital and Columbia, Vermont and Maine universities.

He was appointed to the U.S. Public Health Service and the Veteran's Administration's Special Medical Advisory Group.

Coon is a diplomat and past president of the American Board of Pathology, having received recently the Distinguished Service Award for his career in pathology and administration.

The retiring dean also served as director of the Northern New England Regional Medical Program and several other professional organizations.

Looking back on his career, Coon said his favorite job was "that which I was doing at the time."

"I enjoyed them all because they all had different satisfactions and different problems." he said.

Although he likes his job as dean, he said it is time to step down. "The timing is very appropriate. You have to know when the time is right to let someone else take over," he said.

Timing is right, according to Coon, because the school is doing well and will not have another accreditation meeting until 1986, which will give the new dean about one year to get accustomed to the school.

"It is always important to bring in an outside person to see things we might not see (working closely with the school)," he said.

Coon plans to stay in the area after retirement, "catching up on the things I never had time to do."





Ready For A Change Of Pace

The Air Force has openings for biomedical engineers, biomedical lab interns for individuals with advanced degrees in life sciences, dietetic interns for dieticians in their senior year, and health care administrators. You can enjoy regular working hours, 30 days of vacation with pay each year, worldwide travel opportunities. A unique and enjoyable lifestyle for you and your family while you serve your country. Ask a health professions recruiter about our outstanding pay and benefits package. Contact:

Sergeant Lu Charette at (804)971-8092





Protein source from the depths may find its way to your table

By Deborah B. Smith Reporter

It's low in calories, high in protein, and it's green and slimy, causing most people to say "yuck" when they think of eating it.

"It" is spirulina, a blue green algae, which Jayshree Shah, graduate student in biological sciences, is trying to grow in limestone quarries for her graduate thesis project.

Spirulina, a traditional food in Japan and Mexico, has the potential to be used as a major protein source for people and livestock, Shah said.

The algae is 70 percent protein by weight, 37 percent of which is useable by the body. In comparison, beef contains just 15 percent useable protein, Shah said.

The objective of Shah's project is to determine whether spirulina can be grown in limestone quarry water. "If I can show that it can be grown in limestone quarries, I know someone will pick this up as a mass production technique," she said.

The algae is already being mass produced under controlled conditions by companies in California, Shah said.

"It is currently sold in powder and tablet form in health food stores," she said. "I eat it quite often, usually sprinkled on salads."

Shah came to Marshall in 1981 and completed a degree in botany. She then decided to stay and

enter a masters degree program in the department of biological sciences.

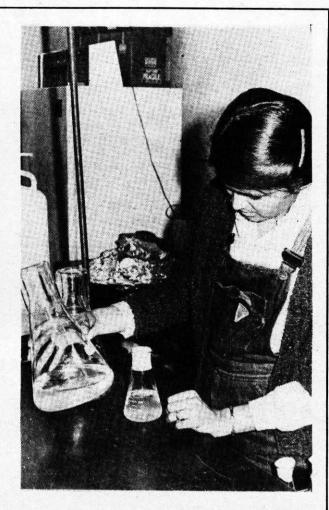
Shah's interest in spirulina grew out of another interest-running. "I was reading an article in a running magazine which advocated spirulina as a protein source for runners," Shah said. "I was already interested in algae so I talked to Dr. Weakes, my professor, about the possibility of doing a graduate thesis on spirulina."

A limestone quarry in Olive Hill, Kentucky, is the site of Shah's field experiment. Samples of the algae were put in the quarry for the summer and their growth was periodically monitered, Shah said.

In addition to measuring the growth of the algae, Shah measured physical conditions of the quarry water, including pH, light, and temperature. Shah is also conducting lab experiments to see what factors limit the algae's growth and what organisms in the quarry would compete with the algae for space and nutrients.

Shah said her project will indicate whether it is possible to grow spirulina under the conditions found in limestone quarries. However, methods of harvesting the algae from such sites will have to be developed before it can be mass produced, Shah said

While working on this research project and taking classes, Shah, who plans to graduate next semester, is also a graduate teaching assistant for an undergraduate biology class.



Jayshree Shah checks her algae experiment.

A parent's story

Living, loving, learning to cope with the special needs of an autistic child

Editors note: This is the second of a three-part series dealing with the effects of autism on an individual, his family, and the community. It concerns how one family deals with the special problems of an autistic child.

By Angela Kelley Reporter

Sue Floyd began to notice there was something different about her son Tim before he had turned three years old.

He wasn't speaking. He began wetting his pants. He didn't respond like normal children do.

She took Tim to a pediatrician, who continually reassured her there was nothing seriously wrong with her son.

As the behavior continued and increased in severity, Tim was eventually diagnosed as mentally retarded

and possibly autistic-like. An autistic-like individual shows some of the characteristics of autism, but is not considered to be autistic.

When Tim was five, he attended kindergarten and received little personal attention, according to his mother. At age six, he was placed in a special education/behavioral disorder class where he was diagnosed as autistic.

Since she knew nothing about autism until her son was diagnosed, Floyd said she began to research the subject. Autism is a severe developmental disability which affects one's ability to communicate and interact with people in a normal capacity.

Tim, now 14, has attended public schools since kindergarten and is currently a student at Lincoln Junior High School. Floyd, who is the president of the Huntington Area Society for Autistic Adults and Children, said the schools have always been very cooperative with Tim's special needs.

"The schools have always done really well, but I'd like to see more teachers trained to work with autistic children," Sue said.

Tim takes adaptive physical education classes, computer and typing classes, mathematics and bowling, and enjoys school very much, according to his mother.

Tim, like other children his age, is interested in trains, books, magazines, and water sports, but his special interest is computers. He also likes to play with his two brothers.

Sue has high hopes for her son's future.

"We hope that if things go well in his computer classes, he may have a future there, or possibly something in vocational training. My hopes are that he will be able to live alone someday, but if that's not possible, maybe a group home would be better.

"But he will always be welcome to live at home with us. The fact that Tim can communicate so well with sign language will help him to be successful," she said.

Tim was chosen to cut the ribbon at the open-house ceremony for Marshall's Autism Training Center in October. Huntington Mayor Joseph Williams presented the key to the city to Tim as a symbolic gesture of opening doors for autistic individuals in the city and throughout the state.

Gabrielle du Verglas, director of the center, said it is important to realize that this is just one example of an autistic individual's behavior. There are some autistic individuals who are self-abusive and present serious behavioral problems. According to du Verglas, Tim Floyd is at the higher-functioning end of the spectrum.

Faculty

From Page 1 spent, Oberly said.

"They have thrown together what will fit that amount of money instead of building what the students need. There are some serious shortcomings," he said. "They're not providing what's needed for a 1980's education."

Dr. Gary Anderson, chairman of the Department of Chemistry, said his main hope is to get a workable building.

"We are going to have less lab space during the move (before the old part is renovated) than before or after," he said. "Lots of students are getting turned down for overloads. We are trying not to let it affect anyone's graduation."

Anderson said acceptance of the building by the BOR is a matter of ful-

filling the specifications written in the contract.

"Whether we're happy with it or not, does not have any bearing on meeting the specs," he said. "The important thing is 'Can we teach our labs and can we do it safely?'"

Dr. Donald Tarter, chairman of the Department of Biological Sciences, said his main concern is getting the new building up to par. "I'm excited — it is a fine facility," he said. "We are hoping the new president will come up with the \$4.6 million needed to renovate the old building."

He said students and faculty have had a lot of patience this semester.

The addition was targeted to open Monday, but a meeting between Marshall officials, the BOR and the architects was canceled. They will meet today to discuss opening the building.

LAMBDA
MEETING
9:00 p.m.
Student Center



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Salary schedule tops group's lobbying list

An information base, rather than a lobbying group, best describes the purpose of Marshall's Legislative Affairs Committee, according to David Gillmore, member and coordinator of the committee.

Gillmore said that, unlike last year when the committee's active interest in Legislative affairs peaked too late to be effective, the 1984-85 committee has already set a list of priorities for which it will provide information.

The committee is comprised of representatives from all university constituencies, and the classified staff, faculty and student body representatives already have presented the committee with their respective list of priorities.

Represented by Dr. Marc Lindberg, associate professor of psychology, the faculty lists the following legislation by order of importance for which it hopes to provide information on behalf of Marshall:

- Financial support sufficient to fully fund the faculty salary schedule outlined in Senate Bill 612.
- Legislative endorsement of a constitutional amendment that would protect higher education from potential cuts by the governor.

- Legislation providing funding for faculty and staff development.

- Legislation providing fee waivers for faculty members and their dependents at all West Virginia institutions of higher education.

- Legislation permitting collective bargaining for higher education faculty.

- Legislation providing substantial funding for computer instruction, equipment, facilities, and service

in West Virginia colleges and universities.
- Legislation to create a medical school student tuition surcharge and loan program.

- Legislation providing substantial funding to support research and service activities.

- Legislation to extend sick leave provisions to all higher education faculty.

The list of priorities presented by the committee's student representative, Student Body President Mark Rhodes, is state-wide, compiled by the Advisory Council of Students. The list, in no particular order, includes the following:

-Supporting full funding of the Higher Education Grant Program.

-Opposing expanded uses of Higher Education Resource Funds (HERF).

-Requesting increased facilities and equipment for the handicapped.

-Supporting adequate salaries for faculty and classified staff.

-Supporting the Medical Student Loan Program (Senate Bill 635).

-Supporting funding for adequate computer services.

Eugene Crawford, classified staff representative to the committee, presented the following list, in order

of priority:
-Full legislative implementation of the of the proposed Classified Employee Salary Schedule endorsed by the Advisory Council of Classified Employees

The remaining Legislative Affairs Committee members are Phil Cline, alumni; Dr. Darrell Darby, Institutional Board of Advisers; former Del. Patricia Hartman, member-at-large; Dr. Dale F. Nitzschke, MU president; C.T. Mitchell, director of university relations; and Gillmore, executive assistant to the president.

The Parthenon editors chosen for spring term

Sandra Joy Adkins, Wayne senior, and Leskie Pinson, Huntington graduate student, have been chosen editor and managing editor for The Parthenon during the spring semester.

thenon during the spring semester.

Adkins said she has no plans to restructure the publication but is planning to add a cultural page to run once a week with coverage of the new College of Fine Arts and reviews of movies, plays and albums.

Adkins has worked for The Parthenon since 1983 and was managing editor this semester. Last summer Adkins worked for The Ledger-Star in Norfolk, Va.

Pinson has been with The Parthenon since 1981 and was sports editor last spring. His journalism experience includes work with WGNT radio.

'Six at Eight' to be performed

The Marshall University Department of Theatre/Dance, the class Styles of Acting, will present "Six at Eight" tonight in Old Main Auditorium at 8 p.m.

The production, which contains six short plays and sketches directed by three guest directors, features the students from the Styles in Acting class.

The performances are being directed by three MU theater majors: Bobby L. Wycoff, Scott Depot junior; Eddie Heaberlin, Huntington senior; and Kendra Egnor, Huntington senior.

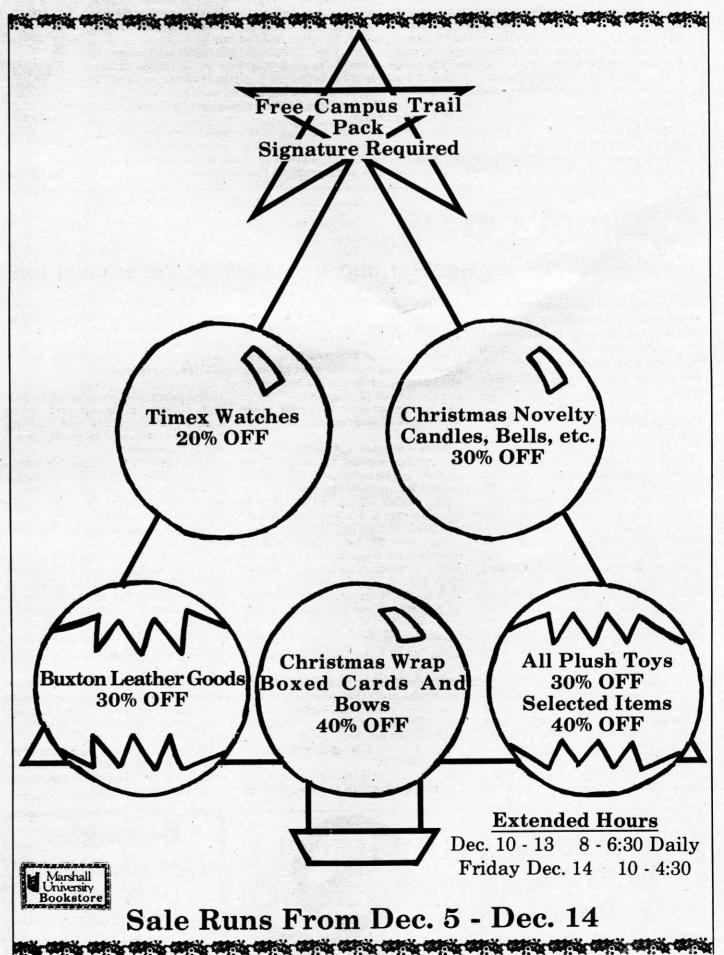
MU alumnus Shawkey dies

The son of a former Marshall president died Sunday after an extended illness.

Morris C. Shawkey, son of the late Morris P. Shawkey, died at his residence in Darby Crest, Ohio. He was 80.

Shawkey graduated from Marshall and received a master's degree from Ohio State University. He was a member of both schools' alumni associations.

A room in the Memorial Student Center was named in honor of the elder Shawkey who served as president of Marshall College from 1923 to 1925.



Nitzschke speaks to the business-oriented

Research necessary to complete university title

By Sherri L. Dunn Reporter

The benefit resulting from Marshall's involvement in the state is one thing with which President Dale F. Nitzschke said he has been pleased. However, while speaking before students and faculty of the College of Business, he said there is a strong need to be involved in all kinds of research to benefit students and faculty alike.

"To serve the best interest of people educationally, the faculty has three main resposibilities, including quality teaching, fesearch and publication, and professional service," Nitzschke said, putting a strong emphasis on research.

After attending a session with the legislature, Nitzschke said he forsees Marshall getting funds for three of four project proposals, showing a step in the right direction for research, he said.

Nitzschke said to be considered a state university, Marshall must include research in all areas of the university, and he stated three general characteristics which define research in institutions of higher education.

Research quality must be essential and demonstratable; it should vary with the nature of the institution, and institutional research must vary with the institution's evolution and expectations of faculty, he said.

"Teaching and service are a univer-

sity's first priorities, but response with research is on the rise and is expected by all faculty of all institutions," Nitzschke said.

Nitzschke said the key to success is to recognize the different needs and not expect the same kind of research throughout the university.

"Research must be politicly smart and be designed to serve and relate very directly to the community and the state," Nitzschke said.

Nitzschke said the College of Business must be very responsive and set high priorities in West Virginia, especially during poor economic time 3.

"The role of higher education is sometimes ignored, which is a key to the economic well-being in areas of the country. We must strive for a good, solid education system to fulfill the demands of the country," he said.

Nitzschke pointed out there is more money available than people realize.

In the College of Business alone, \$26,000, which is the interest of money donated per year, is available for research to improve the productivity of the general area, according to Dr. Robert Alexander, dean of the college.

Alexander said, "As dean, no research project has been turned down during my office. Whenever someone takes the time to reserch, I am behind it 100 percent because it is essential for good teaching."

Reach for the high calibre light beer. Coors Light. "Silver Bullet" Turtle Race Dec. 11 & 12

Marshall choirs present holiday concert tonight

By James B. Wade, Jr. Reporter

The Marshall University A Cappella Choir, Symphonic Choir and Symphony Orchestra will join together to present Christmas and New Year's carols from around the world, at 8 p.m. today in Smith Recital Hall.

The ensembles, conducted by Dr. Joseph E. Line, associate professor of music, will be accompanied by Michael Langham, Huntington senior, a music education/organ major and organist for the Kenova Baptist Church.

Line said the program contains a variety of musical literature. "It has exciting music that the audience in this area likes.

"Judging from the rehearsal, it (the concert) is being performed very well...It can get people in the mood of the season," he said.

Line said the A Cappella Choir did not exist before this semester and this exposure, as people see "the fun and enjoyment" of singing choral music, will help the choir grow in size.

The program will include "I Wonder as I Wander" and Antonio Vivaldi's "Gloria" sung by the Symphonic Choir.

The A Cappella selections will include "Patapan," a Burgundian carol with accompaniment by flutes and drum, and the French song "Carol of the Birds" which will feature Priscilla J. Keown, St. Albans soprano.

The A Cappella Choir will also present "O Sanctissima" by Beethoven, with violin and cello accompaniment.

The combined choruses will also perform together such songs as the Ralph Vaughn Williams "O Clap Your Hands."

The individual choral groups will present these and other musical selections both separately and as combined ensembles.

The concert is free of charge to the public.

MSC holiday hours

The Memorial Student Center will be closed Dec. 15 and 16, Dec. 22 through Jan. 1, Jan. 5 and 6 and the following Saturday Jan. 12. The center's hours on open days are reduced to 8 a.m. to 4:30 p.m. The regular student center schedule will be resumed after the center opens Sunday, Jan. 13 at 5 p.m.

Sports

Lady Herd falls to WVU

They lost it on the foul line.

That's what head coach Judy Southard had to say about the Lady Herd's 78-71 defeat to the West Virginia Mountaineers Monday night in Morgantown.

MU converted seven of 18 shots from the charity stripe, while WVU

hit 20 of 31 attempts.

The Ladies were up 25-8 with 9:32 remaining in the first half, but the Mountaineers pulled to within 11 points at intermission, cutting Marshall's lead to 35-24. West Virginia continued to chip away at MU's lead, and at the 8:23 mark WVU attained its first lead of the second half, 54-53.

West Virginia's 6-foot-7 center Georgeann Wells picked up her fourth foul early in the second half, forcing the Mountaineers to go to their bench. Center-forward Olivia Bradley responded with 12 second half points, and a team leading 22 rebounds before fouling out.

WVU wasn't the only team in foul trouble. Marshall forward Karen Pelphrey and center Kim Shepherd both left the game due to foul troubles. Pelphrey fouled out with more than three minutes remaining, and Shepherd followed her two minutes later.

Southard said Pelphrey may have been her own worst enemy during the contest.

"Bradley did a great defensive job on Pelphrey," she said. "Karen's biggest problem will be people trying to take her out of the offensive part of the game. When this happens she must concentrate on her other aspects. She doesn't need to get frustrated, and I think she did tonight."

For the first time this season Pelphrey was not the leading scorer for the Ladies. May led the team with 18 points, Tywanda Abercrombie added 13, and Pelphrey scored

Pelphrey did lead the team in rebounds, pulling down 13, Tammy Wiggins had nine, and freshman Chris McClurkin grabbed eight.

Marshall's record dropped to 2-1, while WVU improved to 4-1.

Women cagers go to smaller ball

By Karen L. Garcia Reporter

Fans of the Lady Herd will notice two changes have been made in the NCAA regulations for women's basketball when Marshall plays this season.

The changes, a smaller ball and the initiation of an over-and-back rule, are "primarily to make the game more exciting," Judy Southard, women's head basketball coach, said.

The basketball will be one inch smaller in circumference, threeeighths of an inch smaller in diameter, and two ounces lighter than the ball the men use.

Southard said while studies have shown slight increases in shooting percentages with the new ball, its greatest significance is the improvement in ball handling it affords.

"It's easier for women to handle because of their smaller hands," she said. "It (the ball) allows for more accuracy in passing and it's easier for them to catch."

The over-and-back rule states that once the ball is brought down court after an inbounds pass and crosses the half-court line, the ball or ball-handlers may not go back across the half-court line. This rule is commonly known as over-and-back in men's and high school basketball, but has never been applicable in women's college basketball until this year.

Southard said this means for the first time women will be playing half-court situations.

"This gives us the opportunity to play half-court traps, zones and presses on defense," she said. "It will allow us to draw more violations and five-second counts against our opponents."

Southard said women's basketball has traditionally been less exciting than men's but the rule changes could change that.

Sportsview airs final show

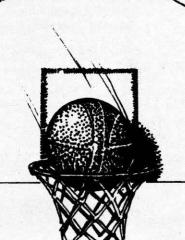
The campus radio talk show Sportsview will air for the last time this semester at 7 p.m. tonight on WMUL-FM 88. The final broadcast will focus on club sports and their activities, according to Shawn Holliday, the show's producer.

Holliday said guests will be interviewed from the ski club, weight lifting club, raquetball club, and Supreme Court dance drill team.

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