New sci-tech college could meet demands of the 21st century

By Dale Harter

If the "dream" of establishing a College of Science and Technology becomes a reality, JMU could be seen as "a national model" for a new "innovative way of education."

According to Gail Shea Nardi, who was recently appointed Dr. Carrier's consultant for new programs, the proposed college will bridge the gap between JMU's traditional liberal arts foundation and "the scientific and technological demands of the 21st century." But while initial plans for the college have already been approved by the Board of Visitors and 110 acres of land on which to build the college have been acquired across Interstate 81, Nardi said JMU is "weeks into something that's going to take years."

Tomorrow, Carrier and Dr. Frank Luth, executive director of planning for the proposed college, will present the latest developments concerning the college to the Board of Visitors. It's already been reported that programs for the college will consist of high-tech communications and applied math and sciences.

Although JMU is still "very much" in the preliminary planning stages, Nardi said "dozens" of faculty members from the Colleges of Letters and Sciences, Fine Arts and Communications and Business already have gotten involved. Open faculty meetings and "think tanks" have been held where faculty members met to "hash out ideas of what the college should be about." Nardi also said Luth has met with professors from the three colleges to explore ideas for a proposed curriculum, and these curriculum suggestions will be presented at tomorrow's Board of Visitors meeting.

While Nardi and Luth would not disclose curriculum specifics until the meeting, Nardi said the college's academic programs would focus on solving current and future problems affecting life on local, national, and global levels.

For example, an applied ecology program has been suggested in which students would study ways of dealing with waste management problems that currently plague the United States, such as the question of how to properly dispose of biodegradable plastics or find a way to avoid a future "garbage barge" incident. An environmental image analysis class also has been suggested that would involve using computer simulations to solve pressing environmental issues.

Nardi said JMU is trying to plan a college that "meshes the [academic] disciplines together in a new sort of way" to hopefully create graduates that fit into the mold of a "New Renaissance" man or woman. A "team or systems approach to teaching" is being studied where faculty and students will work together to solve problems confronting civilization as it heads into the next century. Representatives from industry, government and business will be involved with the college as well.

Preliminary plans call for a faculty of 200, with 100 members filling permanent positions. Fifty members of JMU's present faculty will serve on a rotating basis, along with 50 professionals from the industrial, scientific and business communities.

Nardi said total undergraduate enrollment for the college will be 3,000, with possibly 1,000 students entering in the first year of operation. A graduate population of 250 also is being planned.

Although the new college will be an integral part of the JMU community and utilize some existing facilities, Nardi said a separate residential campus will be constructed on the recently acquired land across the interstate to create a "living, learning center." In addition to academic facilities, the "center" will have dormitories, a food service facility and an "electronic, computer-based resource library." Nardi said one of the issues planners are dealing with is how to prevent a situation where science and technology students feel separated from main campus life and vice versa.

But despite all of the planning that's already gone into the proposed college, Nardi said it is still "a dream." Carrier and Luth will be presenting a progress report at tomorrow's Board of Visitors meeting, and a more detailed report at the board's October meeting. After the Board of Visitors, plans for the proposed college still must be approved by the State Council for Higher Education in Virginia, the General Assembly and the governor.

Nardi said the General Assembly also will have to vote concerning funding, and added that JMU will be approaching the 1990 assembly for planning funds.

In addition to her work with the proposed college, Nardi, formerly the Shenandoah Valley bureau chief for The Richmond Times-Dispatch, said she also has been asked to direct a study on the need for a performing arts center and fine arts center at JMU. Both centers also would serve the local community.

Nardi said preliminary plans for the performing arts center call for a "2,500-seat, state of the art facility" housing various theaters, including main stage and experimental. She said this area needs a "truly professional theater" where professional show companies could come and perform.

The fine arts center would include a museum for JMU's permanent art collection and art gallery space where local and JMU artists, as well as artists from outside the Harrisonburg-Rockingham County area, could display their works. Nardi will be forming committees made up of local residents and JMU faculty to discuss plans for the two centers.
CORRECTIONS

According to a George Washington National Forest spokesperson, it is illegal to fish or use flotation devices at Staunton Reservoir since the reservoir is the municipal water supply for the city of Staunton. An article in the last issue of The Breeze, Staunton Reservoir was cited as a popular “watering hole” for JMU students.

In the same article, directions on how to get to summer hangouts were printed incorrectly. Blue Hole is located on Dry River and not the North Fork of the Shenandoah River. Union Springs is located off Route 257 West before Hone Quarry and not vice versa.

The editor takes the blame for these errors. He’s only lived here all his life and should have known better.

1989 JMU FOOTBALL SCHEDULE (home games in CAPS)

Sept. 2 BLOOMSBURG (Valley Day) 7:00
Sept. 9 Massachusetts 1:30
Sept. 16 RICHMOND (Government Day) 7:00
Sept. 23 Appalachian State 1:30
Sept. 30 Liberty 1:40
Oct. 7 Open
Oct. 14 TOWSON STATE (Parents Day) 1:30
Oct. 21 VMI 1:30
Oct. 28 Navy 1:30
Nov. 4 GEORGIA SOUTH (Homecoming) 1:30
Nov. 11 William and Mary 1:00
Nov. 18 NORTHEASTERN 1:30

Carrier, Baliles announce new foreign internship program for JMU

JMU will have a foreign internship program beginning in 1990. Dr. Carrier and Governor Baliles announced Friday in London.

Seventeen internships will definitely be available, with about 12 more possible, according to Laurie Naismith, director of the program. Students will hold internships with European companies for 12 weeks. Most of the internships are with European branches of American companies.

The United Nations, the U.S. Embassy, ABC News, Philip Morris Inc., Dean Witter Reynolds and USA Today will provide internships.

Students can receive up to 12 hours of credit through the program. A major written paper is required, and a daily diary must also be kept.

Students pay normal tuition, room and board fees, plus an internship program fee. Students will not be paid for these internships, although scholarships may be available for some.

Internships will be available in many areas, including international business, communication, journalism, advertising, government, sales, finance, accounting and banking. Students will be selected by a three-member faculty panel and possibly individuals from sponsoring companies. Selection will be based on academic rank, foreign language skill, academic major, maturity and career interest.

Students will work out an internship task agreement with their faculty adviser and internship advisor. This agreement will outline the skills the student will use during the internship and the types of activities the student will participate in. Each student will read four relevant books or studies.
New programs should challenge freshmen

By Sara Lee Harris
staff writer

The Freshman Seminar will teach freshmen to think critically and not accept status quo

What is the Freshman Seminar? Is it a party? Or is it a class that teaches students how to live with a roommate?

"The Freshman Seminar is a discussion class being introduced this fall which will teach incoming freshmen to think critically," said Susan Facknitz, Freshman Seminar coordinator. "It will be an opportunity to share ideas as well as social activities."

According to Facknitz, the class will be based on a student's education and the foundation of JMU's liberal studies program. Each class will be limited to 20 students so they can get into more discussion.

"JMU's liberal educational policy prepares students for life, not the small portion of time they're going to spend in their job," said Facknitz. "We're human beings, first, not workers."

The seminar will prepare students to question ideas instead of simply accepting them, and will be based on books from both the freshman reading list and books their professors have chosen. Half of class discussions will be based on books from the list and the other half from books chosen by their professors. The reading list will also be revised each fall, so the seminar will change annually; no two classes will be the same.

Unlike in past years, students entering JMU this fall will have a difficult time keeping the books on the shelves. Gayle Magai, trade book manager for the bookstore, said, "We've never sold them at the rate we've sold them this year."

Magai estimated that 500 copies of each book have been sold since the orientation sessions began. As added encouragement for students to buy the books on the reading list, the bookstore has set up a separate display offering a 15 percent discount on the books.

The reading list has been mentioned during the opening sessions of freshman orientation, and the faculty advisors discuss the list and the seminar with the incoming students.

"The freshmen will read the books because they'll be used in class, and the students will be tested on them," said Celia Klein, an orientation administrative assistant.

Klein also said parental influence will be a factor in whether or not students read the books.

Freshman parents also have an opinion about the books on the list. Rachel Carson, Silent Spring

Alan Paton, Cry the Beloved Country

Chinua Achebe, Things Fall Apart

Required reading list:

- Jacob Bronowski, Science and Human Values
- Henry Adams, Mont Saint Michel and Chartres
- The Bible: "Genesis," "Job," "Matthew"
- Rachel Carson, Silent Spring
- Alan Paton, Cry the Beloved Country
- Chinua Achebe, Things Fall Apart

Summer reading list receives mixed reviews from incoming freshmen

By Karen Cofner
staff writer

"It's supposed to make us well-rounded," said Leslie Smith, an incoming freshman from Temple Hills, Maryland.

"It will help us in the Freshman Seminar course," said Jennifer Taylor of Chesapeake.

"It will teach us about issues so we can form our own opinions," said Laurice Penn of Baltimore.

"Some of the books are not very interesting," said Meghan Koonz of Bowie, Maryland.

These incoming freshmen are talking about the new freshman reading list that features six books picked out by 25 faculty members who taught last year's seminar pilot course. The books are judged as central to a student's education and were chosen in connection with the Freshman Seminar. Incoming freshmen are instructed to become acquainted with the works before coming to JMU this fall, since professors teaching the Freshman Seminar will assume they have read all six.

The new reading list has had a successful reception thus far. Some students have already become familiar with some of the books on the list. "I've already been exposed to three," said Leslie Smith, "and I plan to read the other three."

Although the reading list has not been emphasized as much as the Freshman Seminar during this summer's orientation sessions, the JMU bookstore is having a difficult time keeping the books on the shelves. Gayle Magai, trade book manager for the bookstore, said, "We've never sold them at the rate we've sold them this year."

Magai estimated that 500 copies of each book have been sold since the orientation sessions began. As added encouragement for students to buy the books on the reading list, the bookstore has set up a separate display offering a 15 percent discount on the books. The reading list has been mentioned during the opening sessions of freshman orientation, and the faculty advisors discuss the list and the seminar with the incoming students.

"The freshmen will read the books because they'll be used in class, and the students will be tested on them," said Celia Klein, an orientation administrative assistant.

Klein also said parental influence will be a factor in whether or not students read the books.

Freshman parents also have an opinion about the books on the list. Rachel Carson, Silent Spring

Alan Paton, Cry the Beloved Country

Chinua Achebe, Things Fall Apart

Core designed to create camaraderie and sense of unity for class of '93

By Thomas E. Sibson
staff writer

By establishing a 1989-1990 Core Reading List for incoming freshmen, faculty members hope to "set a tone" and create an "intellectual attitude" at JMU.

The Core, which serves as the heart of the Freshman Seminar Program, is the faculty-approved list of works that seminar leaders must build their seminars upon. In a recent memorandum sent out to seminar faculty, Susan Facknitz, Freshman Seminar coordinator, wrote, "By centering [the freshman's] first semester on a set of common intellectual experiences, the program's architects hope to "weld the JMU student body together providing a camaraderie and sense of unity" among the freshmen. The Core consists of the six works that make up the Summer Reading List and 17 other specified works. Freshman are required to read six works outside the Summer Reading List, which are chosen by their seminar leaders and will be utilized in whatever manner or context the leader wishes. The six books on the Summer Reading List serve as a common denominator that links the individual seminars together. Rachel Carson's Silent Spring is a prophetic view of Man's effect on the earth's ecosystem. Since its publication in 1962, many ecological movements give influence to Silent Spring for raising worldwide
At Ashby Crossing

It isn't the unrest of the 60's thank goodness, but after putting on a little demonstration at the courts, students can still draw a crowd. At least enough for a good pick up game. Actually, there's a lot of Un Resting at Ashby Crossing because there's just so much to do.


A complete Fitness Center. Clubhouse. Major campus events, shopping and restaurants all within a short walk. Nothing far out.

4 bedrooms per apartment. Perfect for students. Come visit today.

Oh. One other thing you'll like at Ashby Crossing. Peace.

860 Port Republic Road
(703) 432-1001
Seminar
> (Continued from page 3)

taking English 101.

Facknitz said this was a decision made by the English department because English 101 is now requiring more critical thinking and has become similar to the seminar. "We are also finding that some students aren't needing as much skills work."

The seminar will be taught by 120 faculty members from every college on campus. Each of these faculty members volunteered to teach the course.

"The course is interdisciplinary, so it will be a very challenging course to teach," said Facknitz.

A six-week workshop, held this summer and sponsored by the National Endowment for the Humanities, has familiarized the professors with the books to be used in the course.

"They get to hear experts on all the different texts," said Facknitz. "Many of the professors haven't studied Plato or other authors, so they're going 'back to school.'"

This type of seminar hasn't been tried at other universities. "Other schools may have what they call [Freshman Seminars]," said Facknitz, "but they are usually an introduction to college life or may be on just one subject." JMU could become a role model for other schools if the seminar is successful.

Facknitz taught a pilot seminar course last year.

"The results were great. You could really tell a difference in the students who had taken the seminar," said Facknitz. "These students have already been more active in their classes."

"Students should be excited about this," added Facknitz. "The faculty has spent a lot of time deciding on the best educational program for them. It's taken four long, hard years."

"The best thing about this class is that it's going to be a combined effort of both student and professor. It may take years to evolve, but we have such strong faculty commitment that I know we'll make it work."

Core
> (Continued from page 3)

awareness to the universal problem of pollution.

The books "Genesis," "Job" and "Matthew" of The Bible represent a prominent means of understanding the culture we live in.

In Science and Human Values, Jacob Bronowski stresses that artists and scientists can't neglect one another, because science is as integral a part of our culture as the arts are.

Henry Adams meditates on two medieval cathedrals in Mont Saint Michel and Chartres, describing them as windows to a civilization. By reading Adams' meditations, freshmen can explore how architecture is a reflection of its citizens' beliefs, values, and attitudes.

The summer reading list also consists of two fictional works: Things Fall Apart by Chinua Achebe and Alan Paton's Cry the Beloved Country. Things Fall Apart depicts the Ibo tribe of western Africa caught between their own ancient traditions and the pressures of modern civilization, while Paton's novel deals with the human spirit struggling to survive under a suffocating South African racial system.

Freshmen
> (Continued from page 3)

having mixed emotions about having to read six books during their last summer before entering college. Koontz disliked one of the selections, Silent Spring, because it was "like reading a chemistry book."

Smith thought two of the books were difficult: "I stumbled over the words in Cry the Beloved Country and Things Fall Apart," she explained, "but I got through them."
HUNTERS RIDGE

Virginia's best known name in student communities takes great pride in introducing the very latest in design for student housing.

HUNTERS RIDGE TOWNHOUSES
provide students flexibility in living arrangement never before offered
— NOW SIGNING LEASES FOR FALL OCCUPANCY

Come by the office or bring your parents in to obtain information on the advantages of ownership at the finest community at JMU

ACT NOW AS INVENTORY IS LIMITED

Hunters Ridge Management 715 Port Republic Rd. Harrisonburg, VA 22807 (703) 434-5150 Hours: 10am - 5pm Monday - Friday

NEW AND IMPROVED!
THE STUDENT ALTERNATIVE for USED TEXTBOOKS

ANDERSON BROTHERS
BOOK STORES

conveniently located at 1820 South Main Street (Rt. 11 South)
434-3600
Plenty of parking

WE ARE YOUR FULL SERVICE BOOKSTORE

$ $ $ We Buy Textbooks Every Hour We are Open

Competitive Prices on New and Used Textbooks

Imprinted Sportswear

Novelty Gifts

Sure Tan
1106 RESERVOIR ST. 434-1812
WELCOME STUDENTS!
Let us help you keep that tan.

FULL SERVICE PROFESSIONAL TANNING SALON
UVA rays and UVB rays
Special Prices Now!

The Danny Gatton Band

PARIS MATCH
The Boyd Tinsley Band

The Van Riper's Summer Music Festival
Sunday, July 16
12 Noon to 7:00 pm
Six Sets of Music ★ Van Riper's Lake

In the event of severe inclement weather, the show will begin at 2:00pm at Main/Tree in Charlottesville.
For information on weather status, call 984-8925 or 804-320-2230.
Abortion: Pro-Lifers do not have all the answers

On Monday, July 3, the U.S. Supreme Court began dismantling the historic, 1973 Roe v. Wade decision. In deciding Webster v. Reproductive Health Services, the court partially overruled Roe v. Wade, ruling by a 5-4 vote that individual states had the right to restrict abortion. The immediate effects of the decision only affect abortion law in Missouri, but they have set the stage for much more stringent regulation in the long run.

For Pro-Lifers this is a victory. As they see it, a fetus is an incidentally unborn child. And, abortion is therefore murder in the moral sense. But what distinguishes Pro-Lifers from others who also feel that abortion is murder is their contention that abortion should be illegal.

Generally, Pro-Lifers would disallow abortions unless the pregnancy was the result of rape or incest, or threatening to the mother. An unwanted pregnancy could not be aborted simply because it is unwanted. Thus, an undesired pregnancy could only be avoided and not aborted.

This raises several questions: What if would-be parents take the responsibility to use a historically effective measure of birth control and it fails? Do men have a right to exercise so much governmental authority over women? How would a woman be recompensed for the financial costs and the economic opportunities that she misses in bearing a child? In what way could a father be held responsible? But most importantly, what will happen to the product of an unwanted pregnancy — a child?

This last question may seem easily answered but it is not. Unlike the parents, a newborn child is not capable of assuming any responsibility for itself and therefore must be provided for. Ideally, Pro-Lifers propose that children of unwanted pregnancies should be put up for adoption. But that is not enough. Assuming that all unwanted babies will be put up for adoption is a grave mistake that does not recognize all of the responsibilities that the government must assume if it allows abortion to be banned. Many babies that would have otherwise been aborted will not be put up for adoption, but be kept and raised. For the children of capable parents this is not a problem, but statistics indicate that most of these would-be parents are not capable of raising a child responsibly.

The vast majority of women who undergo abortions are impoverished and under-educated. In 1988, more than sixty-two percent of the women who underwent abortions had a family income of less than $11,000, and thirty-two percent had a family income between $11,000 and $24,999. The majority of these potential mothers had virtually no college education. Many babies that would have otherwise been aborted would instead be raised by their biological mother-parents and condemned to poor education and limited economic opportunities. Pro-Lifers must recognize this. Defining the right to life as the right to be carried to term is narrow-minded. The right to life must also include economic opportunity and education which welfare and other government programs hardly guarantee. In this sense, the right to life concerns all children born of incapable parents, not just those that would have otherwise been aborted.

If the government is going to take responsibility for bringing these children into the world, it must take full responsibility. But the chances of this seem unlikely since the government is not taking much initiative in providing for the economically and educationally deprived today. Therefore, if for no other reason than this, abortion must remain legal.

Mr. Convenience Store
Gibbons Hall

Hours:
8:00 am - 5:00 pm
Monday - Friday

On Campus Convenience for:

Greeting Cards  Daily Newspapers
Balloons  Sunday New York Times
Magazines  Snacks and Trail Mixes
Ice Cream  Film & Photo Processing
Candy  Hot Coffee & Cold Drinks
The Ultimate
In Apartment Living
Within Easy Walking Distance
Of James Madison University

Olde Mill Village offers the most spacious student apartments in town and a location only 10 minutes walk from the quad.

- Each fully furnished apartment includes all the extras that make for luxury living off campus: a fully equipped kitchen including dishwasher, icemaker and microwave, a full-sized washer and dryer, and a large storage room.
- Enjoy plenty of room in your nearly 1300 sq. ft. of floor space. The living room is an impressive 17 x 18 ft.
- Our close location will save you time otherwise spent commuting and parking so you will have more time to enjoy the picnic area and basketball and volleyball courts right outside your window.
- Feel confident knowing your apartment is managed by Patrick Real Estate, a well-known local company which has been serving JMU students since 1980.
- If you need an individual lease, Patrick Real Estate is proud to be one of the only companies in town to do so.
- All this in a brand new community planned with the student in mind for only $200 a month (includes water and sewage).

Choosing where to live is an important decision – so make sure it's an informed one.

Patrick
Real Estate

703-433-2559