Lecture explores views on women

By My Lo Ly
Lawrentian Staff

Over $400,000 in grants has been given to the Lawrence University for the advancement of its chemistry, physics, and computer science departments. Professor Jerrold Lokensgard and the chemistry department received $35,296 from the National Science Foundation toward acquiring a 250 MHz Fourier Transform Nuclear Magnetic Resonance Spectrometer. The new spectrometer will replace a 15 year old 60 MHz spectrometer that can only detect the presence of hydrogen atoms.

According to Lokensgard, the new spectrometer will be able to detect, in addition to hydrogen atoms, carbon and fluorine atoms. This instrument is more sensitive than the older model; it will be able to show molecular structures in greater detail using less sample and the results will be easier to interpret.

The total cost of the spectrometer is over $190,000. The other half of the money came from the Pew Charitable Trust. Another $249,433 was awarded to the Lawrence Physics Department to construct a computation laboratory headed by Professor David Cook.

"The objective of this project will be pursued through a three-year program having curriculum and faculty development as its principle activities," said Cook.

"We undertook this project not so much to aid students in the learning of physics - though that will happen - but so as to develop their skills in the use of computer-based tools for the conduct of physics," explained Cook.

Since only a few number of schools have these tools, according to Cook, both Lawrence itself and this project will ultimately have an impact on schools on a national level.

"When you're the leader, you have no one to follow," Cook added.

The project received two grants, $200,000 from the W.M. Keck Foundation of Los Angeles and $49,433 from the National Science Foundation.

Thomas Naps of the computer science department at Lawrence was also awarded $65,043 for an algorithm visualization laboratory.

"The strong point of the graphic work stations is their ability to display instructions on the screen" and to show "how algorithms manipulate data," said Naps. The lab's objective is to enable students to understand data structure and algorithms at a conceptual level.

Naps and two students, Chris Hundhausen and Pam Stryk, had already begun developing the software for the project over the summer.

The two grants awarded were $35,043 from the National Science Foundation and $30,000 from the Cray Research Foundation of Minneapolis.

The primary goals of these projects are to improve the quality of undergraduate education and to prepare students for post-graduate study and employment in the sciences.

Radio highlights various texts

By Erica Langhus
Lawrentian Staff

In "trying to break the barrier" between the Lawrence classroom and the greater Appleton community, Frank Doeringer, director of Lawrence Studies, has worked with two students, Chris Lynch and Todd Nquette, to devise radio programs highlighting various aspects of the Freshman Studies program.

According to Doeringer, the idea for the "Primetime Mudd" broadcasts originated with Lynch and Todd Nquette himself when the Freshman course was revamped two years ago. "We wanted to revitalize a hallmark of the experience for a larger audience," Doeringer said.

Lynch wanted to offer "more serious radio offerings" and show the public what goes on in the University intellectually," said Doeringer.

The hour-long broadcasts, which are aired on WLPF Thursdays at 7 p.m. and focus on a work currently being studied in Freshman Studies, have been broadcasted.


Photo by Erik Hoyer
Opinion

Ideology differs between Bush, Dukakis

Dukakis and Bentsen fit to lead nation

On November 8th, 1988 the American people will participate in perhaps the most pivotal election of this century. The next President of the United States will be faced with tremendous challenges domestically and opportunities internationally. Democratic Michael Dukakis, with his campuses in Massachusetts and throughout America, and as Governor of Massachusetts, has limited funding for college loans, Pell Grants. Mike Dukakis wants to create tuition prepayment programs and other forms of financial assistance to help students.

One issue facing the next President can be categorized as "social responsibilities" including health care, good jobs at good wages, and civil rights. Dukakis has won approval for a universal health care proposal in Massachusetts, as Governor, and his campus address. Names may be withheld on request.

Other issues challenging the next President can be categorized as "political responsibilities": the problems of a third world nation, the problems of Mexico, a country hugely ignored by the Reagan/Bush administration. Mike Dukakis wants to increase benefits for workers' compensation and raise the minimum wage, as he did in Massachusetts, as well as increase the availability of affordable housing for low income citizens.

The 1988 presidential campaign has been a fierce battle of words and ideals for both Democratic and Republican candidates. One reason the ads and the rhetoric and half-truths are so prevalent is because of the current warming of East/West relations that may spur further arms reductions.

Also demanding immediate attention are foreign policies directed at Central America and other third world nations. Dukakis supports the Contras peace process and recognizes that the problems of a first world nation, the nation of the United States, results from the problems of a third world nation.

Written by Laurence Young Democrats, in formation supplied by the Dukakis/Bentsen Headquarters, Appleton, Wis.

The shuttle disaster of January 1988, and the.tile, the shuttle disaster of January 1988, and the subsequent bureaucratic chaos in the administration at NASA cast a doubt on the future of the American space program.

Over the past few years, the major political argument with regard to outer space has been over the controversial Strategic Defense Initiative, or "Star Wars" defense system. NASA's budget is huge fraction compared to the defense department budget. Yet space exploration is one of the most important programs in the future of the American space program.

We also need some elbow room. One fourth of the world's population lives in China alone. It is only a matter of time before we overpopulate this planet (if we haven't already) and before the planet's resources are sucked dry. However, we have, and are on the verge of having, the technology to expand, to move into the inner solar system. The moon, Mars, and several of Jupiter's moons have all been targeted as possible sites for future colonization.
Oneida tutoring thrives

By Susan Duncan
Lawrentian Staff

There is a group of people who live less than an hour away from this campus, and yet, until last year, few at Lawrence had been aware of their existence. Junior Wendy Fordyce has been most influential in bringing the Oneida Indians to Lawrence's attention.

She restarted the tutoring program that had deteriorated since the early 1970's into nothingness, and, with the help of Dan Bur (last year's Lantern president) and Paul Shrode, has motivated more than 50 Lawrentians to tutor at the tribal school.

Fordyce has been interested in Indians for quite a while, but it was not until she "bumped into an Oneida Indian at church" that the program received its first push.

She got the name of the vice-principal at the tribal school, called him, and found that the need for tutors was stronger than ever.

When the tutors were "mostly teachers aides," said Fordyce, but this year she plans to expand the program to include "one-on-one tutoring in the basics," and perhaps begin tutoring with disabled students.

Fordyce's main focus is working on the students pride and confidence. Her belief is that a large number of students want to go on to college, but cannot afford to attend. Oneida Indians attended Lawrence University from 1833 to 1880. To Fordyce's knowledge, no Oneida Indians have attended Lawrence since that time.

Local elementary schools have expressed interest in having LU students enrich the curriculum with art, music, and cultural presentations by international students.

Other opportunities exist for involvement with the Big Brothers/Big Sisters program, tutoring, and recreation. LU has the potential to sponsor recreational activities at our Rec Center, Alexander Gym, or the junior high and high school's facilities.

Also, the possibility exists for the university to rent a store front in downtown Appleton with the idea of giving young people a place to go to keep them out of trouble.

If you are interested in volunteer work or have questions, contact Mimi Sa.

Writer-in-residence bears insights

By Susan Duncan
Lawrentian Staff

Lawrence's writer-in-residence this year, Shirley Sanders, is an example of how one person can completely changed the course of her life.

Sanders was secretary to the president of Lake Forest University. She had graduated from Salem College in 1968 with a degree in history. In her own words, Sanders "worked and raised children," until 1985 when she received an MFA degree from Vermont's Bennington College.

Sanders had always taken pleasure in writing, but until recently had not realized how seriously she felt about it. She began teaching only within the past three years, and has taught at various schools in North Carolina.

The Bus Home, a collection of poems, was published by the University of Missouri Press and won the 1986 Devlin's Award. Currently, Sanders is raising a collection of her short fiction and is looking forward to publishing another poetry collection, Acts of Communion.

Sanders became familiar with Lawrence through her job in the education community at Lake Forest. "Lawrence needed a poet for a year," she said, "to take Professor Mark Dintenfass's place while he teaches at the London Study Center.

Sanders continued, this type of writer-in-residence program is good for the students because it exposes them to more than one kind of writer. This campus is full of good writers."

Sanders hopes to hold at least two poetry readings at Lawrence by mid-January, in addition to carrying a full teaching schedule.

Campus Compact promotes service

By Jen Ridley
Lawrentian Staff

Campus Compact, a program interested in developing an ongoing commitment to community service, and recently instigated at Lawrence, is designed to encourage and support volunteerism both on and off campus.

The program has several goals including the establishment of a network of colleges throughout the country to promote volunteer action.

Just two years ago, Lawrence joined the group of ten colleges chosen nationwide to be pilot project schools. LU is a testing ground for ideas which will eventually constitute the framework for similar programs at other small colleges in small cities.

Levis & Clark Law School
Portland, Oregon

Are you ready for the challenge?

Ann Kendrick of Levis & Clark Law School in Portland, Oregon, will be on campus to talk to students about careers in law and about Levis & Clark. Ms. Kendrick is a former president of the National Association for Law Placement (NALP) and will be talking about:

Career opportunities available to law school graduates:

- Academic programs at Levis & Clark
- Environmental and natural resources law
- Business, corporate, and tax law
- International business law
- Externships
- Constitutional, Criminal, Administrative, and Family Law
- Scholarships: The Dean's Fellowship for Excellence, Natural Resources Law Scholarship, and International Law Scholarship

Appointments
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Raymond House
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103 E. College Ave.  731-2885
Rock rolls around campus

By Tom Kraemer and Heidi Erickson

Kohler Hall is expected to be "a genius," by a teacher at Appleton East. A teacher should also expect to move the rock three feet.

We regrouped in the Ormsby lounge and several plans to locomote the rock's journey, two Kohlerites decided to lie down in front of the rock's path. If the rock were spewed forth, "we made a net out of the rope and wrapped it around the back end," a teacher at Appleton East, Connie Wednesday, Connie had the idea of drenching the rock with wet paint, Steve Hack said. "We made a net out of the rope and wrapped it around the back end." A teacher at Appleton East, Connie had the idea of drenching the rock with wet paint, Steve Hack said.

Traditional colors get a second life

The banners of purple, red, green, and yellow that hung above President Warch at the Matriculation Convocation and have been appearing at various events are not just feeble attempts to adorn the campus, but part of a regeneration of tradition executed by the Alumni Relations Office. According to Gil Swift, Director of Alumni Relations, "everything that college does with alumni after they graduate focuses upon class," and the concept of class colors is an old Milwaukee-Downer College tradition that helps bond individual students but also shows in several representations from the incoming class with the yellow banner that belonged to her class. The banners; purple (1989), red (1990), green (1991), and yellow (1992) will be used at all class events and on letterheads and other memos that present class coordination.

LU grad gives Career Chat

By Julia Hillbrick Special to the Lawrence

Last Wednesday, September 28, Michael Breitman from the graduating class of 1973 talked with Lawrence students about his career in education. He is currently a teacher at Appleton East High School and teaches a variety of subjects. When Breitman was at Lawrence, the prediction of a teacher shortage in the future started him in the field of education. A shortage is no longer the case, but he did offer some advice for beginning teachers. He stressed the necessity of becoming certified in as many areas as possible. Breitman believed his Lawrence education fully prepared him for his career and helped him obtain several different licenses. A teacher should also expect to take on extracurricular activities such as coaching and advising different clubs or organizations. This helps the teacher get better acquainted with the students but also shows involvement in the school system. Career Chats are sponsored by SARC and are open to the entire Lawrence community. The next chat will be October 15 on banking in Sage Lounge. John Gilpin and Sue Palm will both share their experiences in this career. They are both Lawrence alumni and are eager to share their experiences with current students.

Campus News
Octoberfest shines despite rain

By Tom Zoellner
Lawrentian Staff

Octoberfest was not a total "washout" despite the cloudy and damp weather said Paul Shrode, Associate Dean of Students and Lawrence's coordinator for Octoberfest. "Given the weather, I think it went much better than anyone could have guessed."

Last Saturday's weather was not kind to Octoberfest. Sporadic showers and cold breezes, and cloudy skies seemed to dampen the moods of some of the estimated 150,000 in attendance.

"The attendance was a little down from last year," said Rita Page, an Octoberfest block captain. "But when the rain started, a lot of people on College Avenue just went into the stores."

Because of the rain, the rock band Java could not perform as scheduled, said Shrode. "Later in the day, however, the Booze Brothers played at Union Hill and were very successful," he said.

Of the approximately 175 booths that were registered to operate on the ULI campus, 15 either did not show up or were forced to close early due to the weather, said Shrode. "Most of those who did operate did reasonably well, at least broke even," said Shrode.

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Photos by Suzanne Barrow

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Orion String Quartet first in Harper Series

By Margaret Jenks
Lawrentian Staff

If you enjoy good, chamber string music, you will not want to miss the Orion String Quartet performing tonight, October 7 at 8 p.m. in Harper Hall. This new quartet, consisting of violinists Daniel Phillips and Todd Phillips, violist Catherine Metz, and cellist Timothy Eddy, will be the first in a series of musicians that perform at Lawrence during the Harper Series.


As soloists, the musicians have performed with many well-known symphonies including St. Louis, Pittsburgh, Houston, Dallas, Denver, North Carolina, Florence and the Brandenberg Ensemble, and the Comerata Academica of Salzburg.

Their Harper Series performance will open with W.A. Mozart’s Quartet in D minor, followed by Quartet, Op. 3 by Alban Berg and Quartet in F Major, Op. 59, No. 1 by Ludwig van Beethoven.

Each member of the quartet has several years of experience as a solo performer. Violinist Daniel Phillips, winner of the Young Concert Artists International Auditions, currently is a soloist with the Bach Aria Group. He has toured and recorded in quartet with Gidon Kremer, violinist Yehudi Menuhin and cellist Yo-Yo Ma.

The performance by the Orion String Quartet and other Harper Series performances are supported in part by grants from the Hillshire Farm Company and the Wisconsin Arts Board with funds from the state of Wisconsin and the National Endowment for the Arts.

Jeffebel featured show

By Martin Arlt
Lawrentian Staff

Jezebel, a 1938 drama directed by William Wyler brings together all the qualities which make a movie fun to watch: an interesting story, a talented cast, solid humor, not to mention several twists in plot.

Bette Davis portrays Miss Julie, a willful and scheming young woman living on a plantation in New Orleans before the Civil War. Miss Julie is engaged to marry Preston Dillard, played by a young Henry Fonda. Preston is a banker who is not quite as outgoing as Miss Julie, setting the foundation for a series of amusing and increasingly surreal confrontations between the two.

George Brent plays Buck Cantrell, a friend of Miss Julie’s family and presumably one of her previous suitors. Miss Julie manages to involve Buck in her schemes which ultimately backfire.

Overall, Jezebel provides an atmosphere similar to that of Gone With the Wind, although not quite on such a grand scale. It is a great opportunity to escape Appleton for a couple of hours and enter the New Orleans of a simpler, but by no means easier, time.
Vikings shut out Ripon, 8-0

Men's soccer team allows no goals ... again

This Vikings 8-0 victory against Ripon Wednesday was another good sign that Head Coach Steve Rakita's methods are working. Rakita has taught the Vikings a completely new method of soccer, one that is used throughout Europe and Russia in professional teams.

This Saturday, the Vikings (3-4 overall, 2-0 Midwest Conference) play St. Norbert on the road. This outcome will be a litmus test of the MC's North Division championship. Ripple is winless in the conference thus far, while St. Norbert, the defending MC champion, is 1-0-1 in league play. The Vikings will be looking to snap a St. Norbert jinx that has seen Lawrence go 0-1-4, including four straight losses, against the Green Knights since they joined the Midwest Conference in 1984.

The Vikings first Midwest Conference game last Saturday was a well-deserved success after a three-game losing streak. The Vikings pounded Beloit 7-0 by demonstrating their newly learned soccer techniques. Sophomore John Stinespring from Woodstock, IL said, "Once we learn the system, we'll destroy everyone."

If these two games are an indication of the future success of Coach Rakita's system, then the Vikings will easily capture the Midwest Conference championship title.

The Viks had scored just four goals in their first five games, but this week brings their total to 19 goals scored.

Women's Soccer

Wednesday, the Vikes hosted two-time defending Midwest Conference champion St. Norbert (3-4 overall, 2-0 MC). Since women's soccer became a Midwest Conference sport in 1986, St. Norbert has compiled a 16-2 mark against MC opponents. Unfortunately for the Vikings, Wednesday's 5-0 defeat increased the Green Knight's record to 17-2.

Defense has been the Vikings' calling card throughout their first seven games. With the exception of UW-Milwaukee, an NCAA Division II power, and the recent Wednesday game, no team has scored more than two goals against the Vikes this season. This Vikes defensive catalyst has scored four of the team's 10 goals and leads the team in scoring.

This information provided for the Lawrence University Director of Sports Information.

Lady Vikes perform on Wednesday

Photo by Suzanne Barrow

Women's Tennis

Lawrence, Ripon and Beloit were each undefeated in dual matches until this week. Wednesday the Vikings put their 4-0 dual meet record on the line against Ripon (3-0). The Lady Vikes were defeated 6-3, for a 4-1 record on the year.

Sophomore Anita Salzberger, the defending Midwest Conference champion at No. 1 singles, led the Vikes with a 6-2, 6-1 victory over Ripon's Penny Prenger. This Sunday's match against Beloit (12-0) could produce a preview of this year's Midwest Conference championship match at No. 1 singles. Salzberger, defending her 1986 MC title, sports an 11-2 season mark, while the Buccaneers' Courtney Unger, a freshman, starts the week with an 11-0 season record.

Despite coming off a bout with the flu the week before, Salzberger won three of four matches last weekend at the tough Midwest Regional Singles Tournament at Luther College. Salzberger reached the quarterfinals of the 43-player field and had match point twice, before losing in three sets.

Women's Volleyball

Monday the Lady Vikes, taking a 5-10 overall match record into a triangular meet this week beat Edgewood and Lakehead. While the Edgewood match was non-conference, the Lakehead match was a key Lake Michigan Conference north division battle. This victory ensures the Vikes a place in the LMC's post-season tournament, which will determine the league champion.

The Vikings' high intensity game against Ripoon was a 2-0 shutout victory against the Redmen. After splitting the first two games 15-9 and 11-15, the Vikes escaped with the clincher, 15-13.

Cross Country

The cross country teams of six colleges in Wisconsin will converge on Appleton's Pfamann Park Friday afternoon for the annual Wisconsin state private colleges championship. The women will run three miles, and the men will run five miles at 3:30 p.m. Junior Keith Vander Meulen will be looking for an repeat performance on Friday of the last time he competed in the Wisconsin private colleges meet. This season, Vander Meulen topped the leaderboard, leading the team to a third-place finish. Vander Meulen was injured and unable to run at last year's meet.
Bush/Quayle portrayed favorably

Continued from page 2

The program begins with one of the gues...