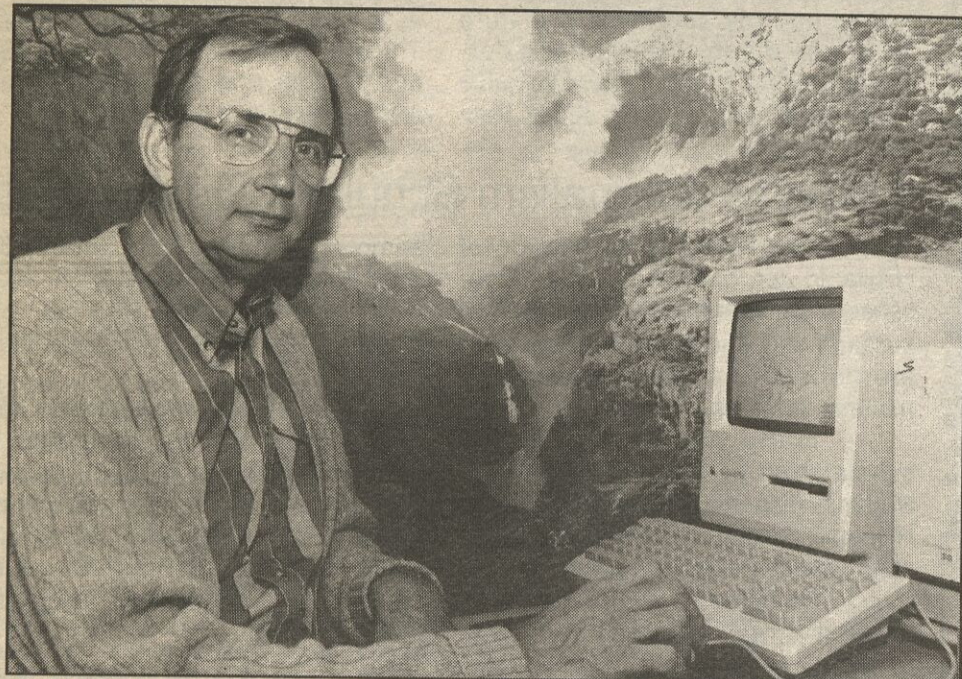


Cañada Professor Publishes Software Program



Cañada Anatomy and Physiology Professor Marvin Branstrom poses in front of his computer where he created and assigned a study program for his students.

Photo by Rick Wach

Rad Tech Careers Offer Big Bucks, Many Options

The demand for people in the health-care profession is high. This is especially true for radiologic technologists, also known as x-ray techs. The department at Canada is proud to offer one of only two existing programs in San Mateo County. (Peninsula Hospital accepts six students and does not offer an A.S. degree.)

The wide selection of job opportunities that the Radiologic Technology Program offers is one thing that attracts students. There is a variety of areas one can go into based on the foundation of being a certified rad. tech. ('Rad. tech.' is a popular nickname.) As one first year student puts it, "It's never a dead-end job; you can always work into something else." A few examples are nuclear medicine, administration, radiation therapy, EKG's, ultrasound, Magnetic Resonance Imaging (MRI) technology, and radiography. The list is virtually endless.

There is also a variety of the types of places where the certified rad. tech. can work. Positions are available in hospitals, emergency rooms, private medical clinics, sales and marketing, research, and commercial areas. The hours are also flexible, for those whose needs are other than the typical 9-5er.

The wages are nothing to snicker at, either. X-ray techs., upon completion of the program, can look forward to starting at between \$14 and \$18 per hour, and it's typically on the upper end of that scale. There are national registries, where a rad. tech. can float to medical centers that require substitutes or temporary help. This position pays

above the normal scale.

The field of radiologic technology has seen a boom in the last few years. A couple of factors that seem coincidental and yet significant have been the impact of the economy and the fear of AIDS. Since AIDS has become better understood and the economy is still in flux, people are recognizing the advantages of the medical field. "Healthcare is a field where people will always be employed," says Pamela Jones, the assistant director for the Rad. Tech. Program. This sentiment is echoed by the students, who somewhat fully explored the avenues before entering the program.

Throughout the U.S. and internationally, the demand is high for rad. techs. Though Canada doesn't have a placement program, Jones assures that "upon finishing the program, every student who has wanted a job in the field has gotten a job." Some students continue their education in order to attain a B.A., which enables them to enter the administrative sector of radiologic technology. If someone's goal is to relocate after graduating, the department at Canada receives publications from outside sources that publish job opportunities across the U.S. From Alaska to Florida and Maine to San Diego, job openings are abundant, and these publications are filled with exciting listings.

Nancy Moore has been with the program almost since its inception 21 years ago. Jones has been Moore's assistant for the past four years. Both

See Rad, Page 3

Dr. Marvin J. Branstrom, professor of anatomy and physiology at Canada, has recently published a tutorial software package to assist his students to better understand the difficult concepts he teaches.

Branstrom who has used personal computers for years, had originally planned to create a program to complement his lectures, the course textbook and the laboratory exercises. "The idea was to give students a visual tool to study and test their knowledge of the subject in the lab where students can use the computer in their spare time," he explained.

A thousand programming hours later with the help of the Benjamin Cummings Publishing Company, a twelve module anatomy tutorial became a reality. Although the program was initially for Canada student's exclusive use, a booksalesman saw a demonstration of the incomplete program. The appropriate branch of the publishing company was eventually informed about the program, and contacted Branstrom with the prospect of marketing it. The commercial venture permits Dr. Branstrom's package to be available for purchase by students for home use. It retails for about \$25 at Canada's bookstore and is currently produced for Apple Computer Systems only. There are no plans to introduce a similar software package of the program for IBM compatibles.

The software package is very user friendly. The entire program is

designed for people without any computer experience. Familiarity with the use of an external input device or mouse is all that is required.

"The tutorial is definitely too basic to be considered useful for upper division studies, but it gives an excellent foundation for health field majors," says Branstrom. Students preparing for a career in the allied health professions such as physical therapy, nursing and radiologic technology benefit the most.

Student reaction has been very positive according to Branstrom, who states, "a picture is worth a thousand words." Although the program is presented in black and white, the motion and layering effects of the various organ systems are well represented. "The program has been a great lecture aid when used in conjunction with the large video screen during class," said Branstrom.

The final touches are currently being put on a tutorial program designed for Canada's physiology students by Dr. Branstrom. Eventually, this and the original anatomy program may be offered to other colleges and to the general public.

The ramifications of this type of software eventually combining with satellite lectures could be a precursor to the proliferation of home-study courses, which would allow students to remain at home while "attending" class.

By Rich Wach

Need Help Studying? Check Out Tutorial Center

Where can you find a job that is meaningful and flexible?

Where can you find help with your studies?

The answer is waiting just steps below the Student Activity Center. The Tutorial Center is there to serve you. It's the role of Coordinator Al Archuleta to match students needing assistance with tutors, and he's eager to do the job.

Students may receive two hours of individual help per week for each of their classes, paid for by the college. For example, a student enrolled in four classes may receive tutoring for each subject for a total of eight hours per week, if tutors are available. Students and tutors are matched on a 1st-come 1st-served basis.

But more tutors are always needed, and tutoring can be very rewarding, both financially and personally. Tutors earn \$5 - \$5.26 per hour, working up to 20 hours per week. In addition, they find that tutoring reinforces their own knowledge of the subject. Some feel that they learn as much as the students they are teaching. And there is the added bonus of helping someone succeed.

To become tutors, candidates MUST have their applications signed by a Canada faculty member to assure their qualifications. Even someone with a PhD must complete this process.

To learn more, see Mr. Archuleta, or phone him at 306-3357.

By Jillian Fackrell

Inside:

- Magic Johnson Question (p.4)
- Holley's Kitchen (p.2)
- Letter To The Editor (p.2)
- Colts In Playoffs (p.4)

Editorial Comment

HIV-AIDS : A Wake Up Call

Magic Johnson, one of the most famous basketball players in the world, announced last week that he had contracted the HIV virus. This announcement sent shock waves through the sports world as well as through the millions of fans who worship him as their hero.

Johnson stated that he contracted the disease by having casual sex and never thought that anything like this could ever happen to him.

He said that while he was infected with the HIV virus, he did not have the AIDS disease. This meant that even though he was infected with the disease, it had not blown into a full case of AIDS. AIDS breaks down the number of white blood cells needed in order to fight diseases and ultimately allows the disease to take over sooner.

Since any kind of over-exertion or stress would deplete his reserves and thus give the virus the chance to multiply, he had to retire from the game of

Letter To Editor:

Professor Stoney Eulogized

The best teacher in this whole universe is, unfortunately, no longer with us. Professor Jim Stoney passed away this summer just prior to the fall semester. I was disheartened to hear of his passing in a casual conversation during chemistry lab. I was shocked that there was no official announcement about him passing away and no dedication or anything in his memory. I spoke with Elizabeth Armstrong about this and she explained that he was very private about his illness and wanted it kept that way.

At any rate - I still would like to say a few things about Professor Stoney. He was a wonderful teacher that was able to take a subject - that for the most part is probably only interesting to people who wear glasses the size of coke bottle bottoms. When I took Biology 110, he gave terrific analogies to give insight on the material we learned. Every day I came out of his class laughing. He was terrific. No one will ever compare to him. He was by far the best teacher I ever had and I will never forget him.

Professor Stoney was truly a very special man. I will miss him.

Jeanne Meinhold

(Editor's note: There was an announcement about Professor Stoney's death in the first issue of The

basketball he so loved.

On Nov. 12, it was announced that 5,000 people become infected with the HIV virus every day. 400,000 people were accidentally infected through blood transfusions in France. It has become a disease of epidemic proportions for the last ten years and yet it continues to grow unabated because of a lack of education and action taken by people who think it could never happen to them.

What becomes really scary is when it does happen to someone and you know that person either intimately or as a public figure.

AIDS is a disease that has killed thousands of people and will continue to kill thousands more because all of these individuals never thought "it could happen to me." Since it has happened to a major sports star, maybe now the reality of the disease will begin to sink in and make people more aware of their conduct. **Suzanne Whitney**

FYI

FOR YOUR INFORMATION

COMANCHE CAFE and DOMINO COURTS

Two one-act plays on Nov. 14, 15, 16, 21, 22 and 23
8 p.m. in Flexible Theatre

LET'S DO IT - Musical tribute to Cole Porter - 11/15 at 8:00 and 11/17 at 2:00p.m. in Main Theatre

FREE GUITAR RECITAL - Nov. 19, 8 p.m.
Main Theatre

BOWLING for Big Brothers and Big Sisters, 11/16
at 11:00 a.m. - 19th Avenue Bowl, San Mateo -
Come out and cheer Canada teams

ATTENTION ALL STUDENTS!
VOICE YOUR CONCERNS AT THE PUBLIC HEARING ON EDUCATION
2 p.m. on November 21 in the Main Theatre

Concert At Cañada College!
The Redwood Symphony will present Gustav Mahler's Symphony #7 at Cañada College's Main Theatre at 3:00 P.M., November 24.
For tickets and more information call 329-2326

Student Classifieds

AVON CALLING

Canada student offers fellow students coupons and discounts on all Avon products! Call me to help you with all your holiday shopping needs. We offer toys, videos, music, and an entire catalogue of unique gifts for men, along with our famous make-up, fragrance, personal care and jewelry products. Call me for info: Laurel Garces (415)355-7989

Two One-Act Plays At Cañada

Two one-act plays, "Comanche Cafe" and "Domino Courts," open November 14 at Cañada College's Flexible Theatre.

Written by William Hauptmann, the arid, almost surreal "Comanche Cafe" and the haunting, old movie-textured "Domino Court" are directed by Bob Curtis.

Set in the 1930s Southwest, both plays are a complex blend of the comic and the serious and feature beautifully drawn characters who desperately long to be someplace else and just as desperately know they never will be.

"Comanche Cafe" features Palo Alto's Amy Louise Cole and Sunnyvale's Leslie Purmal.

Redwood City Michael Lyon, Ileana Perdomo from San Mateo and Steve Cortopassi from San Carlos head up the "Domino Courts" cast. Amy Louise Cole, from Palo Alto is also featured.

Performance dates are November 14, 15, 16 and 21, 22, 23 at 8 p.m. in the campus' Flexible Theatre. Tickets are \$6 per student and seniors and \$7 general admission. Reservations: 306-3396.

Hispanic Journalism Scholarships Available

The National Association of Hispanic Journalists (NAHJ) established a Scholarship Fund in 1986 to support and encourage the study of journalism or communications by minority students.

NAHJ awards five \$1,000 scholarships in conjunction with the National Hispanic Scholarship Fund to Hispanic college students majoring in communications or journalism.

Students should be prepared to send a resume, transcript, work

samples, two reference letters, 500 word autobiographical essay, financial need statement along with the completed official application. Deadline is Dec. 31.

Students and teachers may request application information by writing to: Gerardo Oyola, Education Programs Manager, National Association of Hispanic Journalists, 1193 National Press Building, Washington, D.C. 20045, telephone (202)662-7143.

Holley's Kitchen : Thanksgiving Menu

Here's a way to impress your inlaws or relatives without having to offer a dowry or grandchild. If you're looking to entertain this Thanksgiving here's a menu that's sure to delight even the most discriminating palates. We'll start with the turkey. A 10 to 12 pounder oughta do. Put it in the sink and remove everything on the inside. Gently scrub with a mild soap and water inside and outside the turkey.

Prepare a bottled marinade the day before you cook the turkey.

Marinade: 1/4 cup of olive oil. 1/8 cup red wine vinegar. A dash of sesame oil and soy sauce. 1/4 cup of white wine. A twig of Rosemary (look through your neighborhood for Rosemary hedges). Coarsley ground pepper. A few cloves of garlic. Optional: tsp of dijon mustard. Shake vigorously. Set at room temperature for at least 24 hours. Brush the turkey with marinade generously and inside of the bird.

Now you're ready to prepare the stuffing. This is a low fat, high protein recipe that if all else fails with the inlaws you can exchange recipes. Stuffing: 2 large packages of bread cubes. Place in pot with a cup of chicken broth. Simmer with lid on. Add fresh chopped sage, marjoram, white pepper, several stalks of celery and 1 whole onion finely chopped, add 2 tart apples cut into bite size pieces, 1/2 cup of pine nuts, 1/4 cup of broken walnuts, a handful of golden raisins. Optional: canned, marinated artichoke hearts, quartered. Add salt to taste and steam all the ingredients in pot. Add water if needed. Now stuff that marinated bird and place in roasting pan. Cook in a 325 oven, 25 minutes per pound, basting every hour with the juices in pan. Add a drizzle of that bottled marinade every so often. Clean your cooking space in the meanwhile and prepare all the fixin's.

Wild Rice: 2 cups of wild rice added to 4 cups of boiling water with 1/4 tsp of salt and 1/4 cube of butter. Simmer till rice absorbs all the water. Saute' finely chopped carrots, shallots, mushrooms and red bell pepper in melted butter. Add to wild rice. Set aside and reheat before serving.

Corn Chowder: (to be served as an appetizer) 4 cans of creamed corn, 3 large spuds, peeled, chopped and steamed till a fork can poke through, add spuds to creamed corn inside soup pot. Add several slices of fried bacon broken into pieces, to chowder, as well, a drizzle of the bacon fat. Optional: chopped pimento. Salt and pepper to taste. A splash of milk to correct the consistency. Serve with a dense pumpernickle bread. Now that you've got all the staple dishes prepared ask yourself what else you want to serve. A variety of colorful steamed vegetables (be sure to steam and not boil, so to spare the vitamins) ie: brussel sprouts, squash, asparagus, string beans, carrots, cauliflower, broccoli, beets (steam beets separately so to not stain other vegetables).

Be sure to have cranberry sauce, parker rolls or biscuits and honey on stock. Yams or sweet potatoes are a traditional favorite: just place them in the oven with the turkey the last 2 hours of cooking. When soft, squish with towel to mash the potatoe inside, open and scrape potatoe inside of serving bowl. Top with butter, sprinkle of brown sugar and a few shakes of nutmeg, and you're home free.

I find people usually want to contribute to these shindigs, so have someone bring a pumpkin pie, and or apple pie and someone else an hors d'oeuvre. Remember to stay relaxed and have a Happy, hearty Thanksgiving.

By Holley Nuckles

The Long Valley Gazette

4200 Farm Hill Blvd.,
Redwood City, CA 94061

Editor: Suzanne Whitney

Layout Editor: Fred Boos

Writing Staff: Fred Boos, Ruth Escalante, Sharon Evans, Jillian Fackrell, Jerry Mauch, Holley Nuckles, William Roark, Rick Wacha, Suzanne Whitney

Radiologic Technology Offers Cañada Students Many Options

➔ **Rad** From Page 1

Moore and Jones come from a rad. tech. back-ground. Moore has a masters from S.F. State; amusingly enough, she trained at Peninsula Hospital in San Mateo, which is the only other facility in the county to offer a Rad. Tech. Program. Jones trained at the Stanford University Medical Center and spent 25 years in the field as a rad. tech. before turning her attention to teaching.

Jones did something that is common for graduates of the program when she spent several years specializing in the different departments of mammography, CT scanning, and angiography. This diversification kept her from getting burned out, while allowing her to stay in the field and utilize her education to its maximum.

Jones is proud of the curriculum offered at Canada, and the instructors. Marvin Branstrom is the anatomy and physiology teacher, and both Jones and second year student Steve Meints give him high marks. "He's not easy by any stretch of the imagination," laughs Meints, "but he's an excellent teacher." It's a rigorous pre-med. course geared for the nursing and healthcare professions, and Jones recommends that students take it prior to entering the rad. tech. program.

The program is structured so that you definitely have to be a strong student, and very dedicated. Meints, in his early 40's, came into the program with no prior formal college education. He says, "it has been sink or swim for me. The first year is the hardest part. You don't know which end is up - it's all new and literally Greek. All the students are stressed out; this is just normal. The second year is pointed more toward practical application, so it's not just abstract learning."

Meints has been able to see the strides he's made both inside and out of the hospital where he now interns for 30 hours/week. He remembers how frightened he was just a year ago to "push the button to take the picture," thinking somehow he could hurt the patient. Now it's rote. There are days when it's all new to him, and then there are days when he's very comfortable in the hospital surroundings with his abilities and education to date. An enlightening discovery was made to him while watching the T.V. shows "Emergency" and "911." To his delight he found he understood what the doctors were saying in the background!

Meints shows an element of dedication that is rare, but not uncommon for rad. tech. students. He lives in San Leandro, which makes his one-way daily commute one hour "on a good day." But his only option was Merrit College, that had a long lag time between acceptance into the program and actually starting. Statistics show that about one third of Canada rad. tech. students are from out of the area and have daily commutes.

Six hospitals in the area work in conjunction with Canada's x-ray tech. program. From San Jose Hospital to the South San Francisco Kaiser, one can find a Canada rad. tech. student interning on any given day. And several Canada graduates have gone on to become Chief Techs. and Assistant

Chiefs in this area.

It is common that many of the students do not know where they want to work, or in what capacity, when they complete the program. Right now, all of their energy is being put into their busy daily routine. About one quarter to one half will go on after the two year program to get a B.A. degree, so that they can apply their skills in an administrative fashion.

The department is currently in the process of developing additional post-graduate training programs. Canada already offers mammography and fluoroscopy. Moore and Jones would like to make more specialties available

to students, in order to keep up with this rapidly expanding field. On Canada's campus is a fully operational lab, where the students do everything but make the exposures.

Though the consensus of opinions is that anatomy is the keystone to the profession, Meints says that number two is desire. "You really gotta want it, and that desire is what will pull you through. The payoff is there - both monetarily and with the job security." The first year students have also expressed some keen insights about the program. Says the youngest student in this years' class, "Whatever you put in, you'll get twice as much

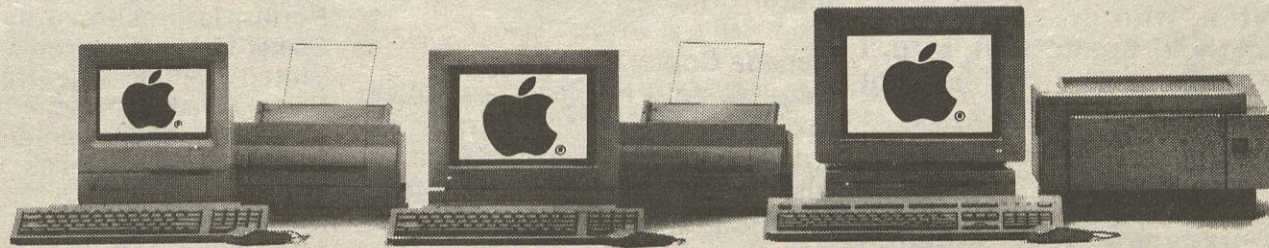
out of it."

Only 28 students are accepted into the program each year out of about 100 applicants. This years' class has ages ranging from 19-45. Some people in the program, like Meints, are undertaking the program to embark on their second career.

For anyone interested in taking on this challenging and rewarding career opportunity, make an appointment with the radiologic technologist counselor, Jack Greenalch. Applications are being accepted until January 15, 1992, for the fall start. If you want further information, contact Nancy Moore or Pamela Jones in building 18, room 119, or phone 306-3283.

By Sharon Evans

Right Macintosh. Right price. Right now.



Macintosh Classic® System.

Macintosh LC System.

Macintosh IIsx System.

Now's the right time to buy an Apple® Macintosh® computer system. Because right now you can save big on Apple's most popular computers and qualifying printers. And Macintosh is the right computer to help you achieve your best, throughout college and beyond.

What's more, you may even qualify for the new Apple Computer Loan, which makes buying a Macintosh now even easier.

So come in right now and check out the big savings on Macintosh. But hurry—these special savings last only through January 5, 1992.

For all your computer needs
visit the Cañada Bookstore
Mon.-Thur. 8am-8:15pm, Fri. 8am-3pm



Cañada's Charging Colts Eye Soccer Title

By Fred Boos

The Cañada Colts Men's Soccer Team posted their most impressive win of the season last week by beating De Anza 3-1. Up until that was, De Anza was the only undefeated team in the league.

By winning that game, the Colts moved a step closer to the league title and a shot at the State Championship.

De Anza, the number one ranked team in the state, lost not only to Cañada but to Ohlone a few days later. Perhaps De Anza feels complacent since they have already made the Central Coast Conference playoffs or maybe they are in a slump and the loss to Cañada dropped their morale to a new low.

The Colts, on the other hand, are

picking up speed as the season draws to a close. "If you're going to start winning games, now is the best time to do it (the Colts suffered a brief slump in the middle of the season) because every game becomes critical. We won some crucial games when it counted, we worked hard and now we're playing very well" says Coach Talbot. The Colts started the season winning, then had several close losses and a few ties, and now they are back to their winning ways.

On November 23rd, the Colts will be put to the test as they begin the playoffs. De Anza appears to be the team to beat but if Cañada can just repeat last week's winning ways, great things will surely follow.



Left Wing Jonas Persson, last week's Times-Tribune "Athlete of the Week", battles Ohlone players in an Oct. 29th game here.

Hoopsters Interviewed On Magic Johnson Tragedy

By Ruth Escalante

WHAT IS YOUR RESPONSE TO MAGIC JOHNSON'S RETIREMENT?

Kahsan Jenkins

From York Catholic High School in Pennsylvania said "It's tragic that he had to retire, he's one of the greatest players that ever played! He needs to take care of himself now. Take it day by day. It also proves stars are just like anyone else."

Nate Shine

Nate is a Freshman from Oceana High School said, "It's the right move. It will stop a lot of controversy in the game."

Vern Hubbard

Vern a Serra High Grad said, "I'm in shock! How could it happen to someone like him!"

Clayton Madden

Clayton, who graduated from Bakersfield South High, said, "I can't believe it! It still has not set in."

Jonas Prida

Jonas is a Sophomore this year and graduated from Yerington High School in Nevada. He said, "It's bad for the game in general because he's a great player. But it's good because it lets people

know it could happen to anyone."

Dan Moore

Dan is a graduate from Chugiak High School in Eagle River, Alaska and said "It's bad for the game. Good for role model to help out A.I.D.S awareness to younger children. And teenagers in ghettos to understand it can happen to even Magic Johnson. Even Magic can get it!"

Joe Hannon

Joe, a San Antonio, Texas graduate said, "He had no other choice but to retire. It's a sad thing that it had to happen, but it's good that more people will be aware of this disease and understand that it's still out there."

John Defoe

John graduated from Serra High School said, "It's hard to accept that he is not going to play anymore."

Cañada Coach Mike Legarza

Legarza said his first reactions are "Shock, sad and scary. It is tragic. He's in his prime time of his life. Now his time is limited. Hopefully everyone will be a lot more aware how deadly a disease this is. It will help educate people and hopefully help stop the spread of this disease. It really has knocked the wind out of a lot of people!"

New York Met Star At Cañada Tribute

New York Metropolitan Opera Company baritone Julian Patrick will star in Cañada College's CENTER FOR THE AMERICAN MUSICAL tribute to Cole Porter November 15 and 17 in Cañada's Main Theatre.

"LET'S DO IT," a centennial tribute in song and story to Cole Porter, is presented by both the Center for the American Musical and Vintage Music Theatre. Julian Patrick, leading baritone of the New York City Metropolitan and Chicago Lyric Opera Companies, will star in this gala review.

Patrick will share the stage with Bill McKenna and the Californians, a 35 piece orchestra, chorus and soloists.

"LET'S DO IT" will feature many songs from such early or rarely revised Porter shows as "Hitchy-Ko," 1919; "Greenwich Follies of 1924," "Wake Up and Dream," "Mexican Hayride," and "The New York Yorkers." The usual Cole Porter classics such as "Anything Goes," "Kiss Me Kate," "Can Can," and many others will also be presented.

Patrick, who has received rave reviews from critics nationwide last appeared in the Bay Area with the Vintage Music Theatre last October and received standing ovations. San Mateo Times critic Jack Russell wrote that "Patrick delivered the finest stage

version of Kern's haunting "Old Man River" that I have ever heard." Patrick is no stranger to Bay Area audiences.

For Joe Marchi, Director of Cañada's Center for the American Musical, and Bill McKenna, Vintage Music Theatre Director, "LET'S DO IT" will mark their first collaboration since "Say It With Music," the highly successful tribute to Irving Berlin in 1988. The show sold out all performances.

Friday's show (November 15) begins at 8:00 p.m. and Sunday's performance (November 17) begins at 2:00 p.m. in Cañada's Main Theatre.

Tickets for "LET'S DO IT" are \$12.50 general admission and \$10.00 for students and seniors. They will be available at the door or may be ordered by calling (415)306-3396.



A Thanksgiving

Lord, for the erring thought
Not into evil wrought;
Lord, for the wicked will
Betrayed and baffled still:
For the heart from itself kept,
Our thanksgiving accept.

William Dean

Great American Smokeout
The Third Thursday of
November

**GREAT AMERICAN
SMOKEOUT**