WU Research Team Evaluates New Test For Prostatic Cancer

Urologists at WU’s Medical Center are evaluating a new test that may be able to detect cancer of the prostate in its earliest stages. They hope this test, or a modification of it, will prove as effective in combating prostatic cancer, the second leading cause of cancer death among men, as the pap smear has been in reducing cervical-cancer death among women.

The test is an application of the radioimmunoassay technique developed 20 years ago by the late Dr. Solomon Berson and Dr. Rosalyn Yalow of the Bronx Veterans Administration Hospital. Dr. Yalow was awarded the Nobel Prize in 1977 for this work. The test is an outgrowth of research sponsored by the National Cancer Institute and the American Cancer Society.

The WU Medical Center research team is one of several in the United States chosen to evaluate the test’s effectiveness. The team, under the direction of Dr. William Fair, professor of genitourinary surgery, and Harry Margraf, research assistant of genitourinary surgery. Testing is being done under the direction of Dr. Fair and Dr. Gerald Sufrin, associate professor of genitourinary surgery.

This new method for the detection of prostatic cancer requires only a very small blood sample that is analyzed by the radioimmunoassay technique to determine the presence of abnormal amounts of an enzyme, acid phosphatase.

Until this time, prostatic cancer could be detected only through rectal examination. Only 5 to 10 percent of all cases were discovered before the cancer had spread beyond the prostate. Although treatment of the cancer in its early stages

SES Provides ‘A to Z’ Array of Services To Meet Students’ Academic and Personal Needs

Special Educational Services (SES) is a misnomer. The sunny second-floor offices in Umrah Hall might well have been named “essential educational services,” considering the variety of academic and social services available there for students. An everything from A-to-Z array of resources includes all types of counseling: a pre-freshman summer program, tutorial referral files, a career library, cultural programs and reading and study skills workshops.

Gwendolyn Stephenson, director of SES, explained the dual role of the service: to encourage universal campus use of its tutoring program, skill workshops and career library; but, most importantly, to involve minority and other students with financial need in the comprehensive SES program.

With these motives in mind, SES offers numerous workshops in such demanding courses as mathematics and chemistry and it is a frequent cosponsor of cultural events, symposia and other activities with such groups as the Black Studies Area, the Office of Student Affairs and the Association of Black Students. A six-week summer program for some 20 pre-freshmen minority students is held annually to help facilitate their adjustment to WU and hopefully to build a cadre of leaders who may help other students matriculating in the fall. SES also provides counseling and career guidance that are geared to the special needs of the minority student.

The Educational Opportunity Program (EOP), now SES, originated in 1968 as the result of a recommendation by a special faculty committee. This committee recommended that the University make a stronger commitment to the education of low-income minority groups of young men and women. With grants from the Ford Foundation, and later, from the U.S. Office of Education, special programs for low-income minority students began. By 1975, SES included minority programs, a Career Resources Center, a tutorial referral service and an academic building center.

Since last fall, SES, the Career Planning and Placement Service and the Student Counseling Service have been grouped under the broad title, Student Services. Stephenson, who has been SES director since 1976, is also coordinator for Student Services.

The need among students for many SES programs does not stop with minority students, however. One widely used service is the Reading Lab, located in 402 Umrah. Reading aids, such as the shadow scope and the perceptoscope, are used in developing new reading patterns and for increasing reading speeds. These and other aids help the student develop techniques and increase overall reading efficiency. According to Phyllis Dubinsky, a reading specialist who has worked in the lab for several years, skills learned there are not remedial but developmental. “Everyone can become a better reader,” she said, “by learning new techniques and practicing and refining old skills.”

Freshman John Goldstein agrees. Anticipating a heavy reading load as a
Ben Jonson, the celebrated 17th-century London poet and dramatist, probably would enjoy being in the audience when an original musical written by two WU students opens on Thurs., Feb. 16.

The creators are Keith Pollick and Steve Legawiec, and the name of their show is *Tricks of the Trade*, a full-length musical which was inspired by Jonson's play, *The Alchemist*. Jonson wrote his script in 1610, but the WU version of the satirical tale of a fake magician who claims that he can turn lead into gold had its origins during the summer of 1977.

*Tricks of the Trade*, with words and lyrics by Pollick and music by Legawiec, will be produced by Thrysus, WU's student drama organization. Performances in the drama studio of Mallinckrodt Center are Thurs., Feb. 16, 8 p.m.; Fri., Feb. 17, 8 p.m.; Sat., Feb. 18, 2:30 p.m. and 8 p.m.; and Sun., Feb. 19, 2:30 p.m. There is no admission charge.

Pollick, a senior drama major from Harwinton, Conn., and Legawiec, a sophomore in the School of Fine Arts from Mountainside, N.J., discussed the possibility of doing a show together last summer when both happened to be in New York City.

"*Tricks of the Trade* was born on a New York street," Pollick said. "Steve played Aeschylus in Aristophanes' *The Frogs*, which I directed for Thrysus last year. I wanted to do a musical for my senior project, but I haven't any knowledge of music."

There never has been a time when Pollick didn't have theatrical ambitions. During his high school days, he wrote a satire on public morality. At WU, he has, among other things, choreographed numbers for *Godspell*, produced by Thrysus last year, played Simon in Noel Coward's *Hay Fever*, and has begun designing the set for *The Wedding Band*, an April PAA production.

Legawiec has had little formal training in music, except for some high school theory courses. But he is the son of a composer and has a natural gift for writing music. "I've always enjoyed writing music. I've been doing it for a long time."

Deciding to collaborate, the two returned to campus last September and have been working hard on *Tricks of the Trade* ever since. The plot calls for seven male and five female parts, and they're all fun, comic roles.

*Tricks of the Trade* is set in 16th-century London. It concerns three swindlers who convince a wealthy family they can invent a philosopher's stone that turns lead into gold. When the mistress of the house returns, she realizes they've been duped.

The swindlers, satirically named Doll, Face and Subtle, manage to get away in the end, but not before a series of wacky escapes and wild escapades are enhanced by Pollick's witty lyrics and Legawiec's catchy tunes. Freshman Lizanne Wilson plays Doll, WU alumnus Tom Beard is Face, and freshman Paul Klein is Subtle.

Asked which came first, lyrics or music, the team explained that Legawiec usually wrote the music, and then Pollick created the lyrics. Afterwards, they'd get together and make necessary adjustments. "Steve really got the right style in the right place. He'd tape his music, then I'd take it home to write the lyrics," Pollick said. "The whole thing just flowed together," Legawiec said.

The actors agree. "We're all so excited about this, because the show's never been done before. The cast couldn't believe that people so young could have the sensitivity to create such beautiful music. And, the characters have real depth," Wilson said.

Both creators are pleased with the results and appreciate attending a university that encourages creative endeavors. Both are hoping that *Tricks of the Trade* will come to life elsewhere. "We're going to copyright it as a professional piece," Pollick said. "And my high school might option it."

As February 16 rapidly approaches, Pollick, the director, and Legawiec, the show's musical director, are still polishing their script during nightly rehearsals. "Things always get changed around in original musicals," Legawiec said. "It's the same way on Broadway."

Has WU provided a meeting place for a future Rogers and Hammerstein? "Oh, we'd rather be the next Leonard Bernstein and Steven Sondheim," Pollick said. "They're both famous in their own right and as collaborators. They did *West Side Story* together," Legawiec recalled. At that point, Pollick and Legawiec went back to rehearsing a number.

Of course, there's nothing wrong with reaching for the moon. But in case they don't become the next Bernstein and Sondheim, one thing is certain. Keith Pollick and Steve Legawiec have had an opportunity to catch a little Stardust during their WU careers. *(Karen Klyzman Feldman)*

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**University's Alumni To Be Speakers in New Series for Students**

Basic principles of sound investments and alternatives in the arts will be among topics discussed in a speaker and dinner series sponsored by the Student Alumni Relations Committee.

Called "The Very Interesting Alumni Speaker Series," the program will feature WU alumni from a variety of disciplines speaking on topics of interest to students. The series will be held on Sundays from 6 to 8 p.m. in the Alumni House Living Room.

Judy Meador, an independent financial consultant in St. Louis, will speak on "Investment Basics" Sun., Feb. 12. Meador, who has been active in alumni affairs since her graduation from WU in 1965 with a master's degree in business administration, is currently vice chairperson of the Alumni Board of Governors. Before establishing her own firm, Meador was a vice president for A. G. Edwards and Sons, Inc., St. Louis financial consultants.

Frank Roth, a principal in Frank James Productions, a Clayton graphics design firm, will speak on "Alternatives in the Arts," Sun., March 19. A WU bachelor of arts graduate, Roth is currently president of the School of Fine Arts Century Club.

A third meeting is scheduled for Sun., April 16, but the speaker has not yet been announced.

Admission to each dinner and talk is $2.50. Tickets will be on sale Monday through Friday preceding each meeting at Edison Theatre Box Office. For further information, call Colleen Schoendienst at Ext. 5200.

MICHAEL W. FRIEDLANDER, WU professor of physics, has been elected second vice president of the American Association of University Professors (AAUP). His term will begin in June 1978.
Cancer

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by radiotherapy or surgery produces a high cure rate, once the cancer spreads to other organs and bones, it is incurable, Fair said.

Fair estimated that cancer of the prostate will account for 18,000 deaths in 1978. The risk of prostatic cancer increases with age so that men at age 50 have approximately a 35 percent chance of developing it, at age 60, a 50 percent chance, and at age 70, a 65 percent chance. "There is a crying need for some method to detect prostatic cancer at a time when it is still treatable," Fair said. "We feel this test can be one answer."

According to Dr. Sufrin, "Early results in a limited, blind study (where neither conductor nor subject know who has cancer) prove that the test can detect prostatic cancer in its early stages." Twenty-five men who had cancer and 10 who did not were tested with the new method and then with biopsies and bone tests. The results showed that the new method accurately detected the cases of prostatic cancer.

"We now need to test a large group of men at high risk—those above the age of 55—to help determine whether the test should become a routine screening procedure in this age group," Sufrin said. Testings will continue until July when the National Cancer Institute will evaluate the results.

THE WU WOMAN'S CLUB and Men's Faculty Club will hold their Annual Dinner Dance at Whittemore House on Sat., Feb. 18, at 7 p.m. Entertainment will be provided by the Wally Masters Trio from 9 to 12 p.m. The event is open to members of both clubs and their guests. The charge is $18.50 per couple, $12 per individual for members and $20.50 per couple for guests of members. To make reservations, send checks to Judy Dudukovic, 641 Fox Creek Court, St. Louis, Mo. 63126. For further information, call her at 966-2841. The Woman's Club is also sponsoring on Fri., Feb. 10, at 1 p.m. a dessert tea in the Olin Residence Penthouse, Medical School campus.

TOM HAMILTON, WU instructor in music, two video artists and another composer-performer were awarded a gold plaque in the 13th Chicago International Film Festival for their work "Quartet (The Rooster Came First)." "Quartet" is a 29-minute videotape that explores the interplay of organic forms in both the visual and sound domains. Visual images and music were created electronically.

The WU Record is published weekly during the academic year by the Information Office. Editor, Janet Kelley; calendar editor, Charlotte Boman. Address communications to Box 1142.

To Speak at Graham, Feb. 15

Rep. Morris Udall (D-Ariz.) will deliver the Ferdinand Isserman Memorial Lecture at 11 a.m. Wed., Feb. 15, in Graham Chapel as part of the WU Assembly Series.

Udall will speak on the topic "The On-Rushing 1980's—Hard Choices Ahead." His talk is free and open to the public. He will answer questions at an informal session at 2 p.m. in Beaumont Lounge.

The Isserman lecture was established in memory of a distinguished rabbi who was actively involved in social issues in St. Louis during his life here. Other Isserman Lecture speakers have been Ramsey Clark, 1973; Eliot Richardson, 1974; Seymour Hersh, 1975 and David Halberstam, 1976. No lecture was given in 1977.


A LIMITED NUMBER of Fulbright-Hays faculty research and lecturing fellowships for positions abroad are still available for the academic year 1978-79. For further information, call Ann Peterson at Ext. 5958.

Dr. W. Maxwell Cowan, professor and chairman of the Department of Anatomy and Neurobiology and director of the Division of Biology and Biomedical Sciences, speaks with Sen. Thomas Eagleton (D-Mo.) after a recent hearing of the Labor/HEW subcommittee of the Senate Appropriations Committee at which Senator Eagleton presided. Dr. Cowan was among a panel of distinguished scientists who had emphasized to the subcommittee the necessity of increased support for basic scientific research.

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Ses

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history major, he sought out the service of the lab this semester to increase his reading speed. Faced with volumes of technical materials for his research as a graduate student in social work, Eric Emery also made use of the lab.

A reading lab regular is Margaret McHugh, a student in the Graduate Institute of Education. She has been working to overcome a visual perception problem, the reversal of letters. By learning to identify words by their configuration rather than their spelling and then working at the perceptoscope, McHugh has increased her reading speed from 270 to 570 words per minute in about six months.

SES's extensive career planning library is another popular service, especially since it contains not only materials about graduate schools and how to plan a job search, but also information on how to take standardized tests. One guide on the latter subject begins with the recommendation "Thou shalt not make subtle distinctions; the universe must fit into four or five boxes" and ends with, "Thou shalt not be frightened." The selection of pamphlets on pre-professional advice for minority students is also extensive.

Approximately 350 students participate each semester in tutorials and workshops on academic subjects that are conducted by WU graduate students, recommended by their departments. If a student who needs tutoring is eligible for SES assistance, the service pays the $5-an-hour charge. Students are required to define their goals at the outset of their tutorials and then follow up with an evaluation of what they have achieved. "Many students have reported that they probably would not have passed their courses without the tutorials," Stephenson said, adding that a number of these students don't merely pass but earn A's and B's.

The workshops on math, physics, organic and inorganic chemistry and accounting—subjects that give many a student reason for concern—are held two hours each week for the entire semester. "The workshops are effective because they give students an opportunity to learn from one another in a non-threatening environment," Stephenson said.

For personal problems and concerns, however, when WU may seem too large and competitive, SES's staff of two full-time and five part-time counselors takes over. The staff sees students on an individual basis and also offers personal-growth workshops on such topics as self-assertion and leadership, and on how to take those examinations that may serve as a ticket to an important career—the law and medical boards as well as the Graduate Record Examinations.
FRIDAY, FEBRUARY 10
2:30 p.m. Totally Administered Society Panel Discussion, "The Culture Industry." Mallinckrodt 303.
4 p.m. Department of Romance Languages Colloquium, "The Medical Formula of the Libro de la monteria: An Example of the Medieval Tradition of Translation and Absorption," Dennis Paul Seniff, WU visiting asst. prof. of Spanish, Hurst Lounge, Duncker Hall.
7:30 p.m. Totally Administered Society Panel Discussion, "Problems of Planning and Technology." Mudd Court Room.
SATURDAY, FEBRUARY 11
10:30 a.m. Totally Administered Panel Discussion, "Deurbanization." Mudd Court Room.
3 p.m. Totally Administered Panel Discussion, "Emancipatory Possibilities." Mudd Court Room.
MONDAY, FEBRUARY 13
WEDNESDAY, FEBRUARY 15
4 p.m. Department of Physics Colloquium, "The Biological Effects of Electromagnetic Radiation," F. J. Rosenbaum, WU prof. of electrical engineering. 201 Crow.
THURSDAY, FEBRUARY 16
4 p.m. Department of Chemistry Seminar, "Some Aspects of Two-Carbon Ring Expansion Reactions," S. Swaminathan, prof. of chemistry, U. of Madras, India. 311 McMullen Lab.
MUSIC
FRIDAY, FEBRUARY 10
8 p.m. Department of Music Senior Honors Clarinet Recital, Linda Seiferth, soloist. Steinberg Auditorium.
PERFORMING ARTS
FRIDAY, FEBRUARY 10
8 p.m. Edison Theatre Series, The Dallas Theatre Center, presenting Scapino, an adaptation of a Moliere comedy. Edison Theatre. Admission $4.80; $3.75 for students not from WU, and WU faculty and staff; $2 for WU students. Tickets available at Edison Theatre Box Office.
SATURDAY, FEBRUARY 11
8 p.m. Edison Theatre Series, The Dallas Theatre Center, presenting The Oldest Living Graduate, by Preston Jones. Edison Theatre. Admission $4.80; $3.75 for students not from WU, and WU faculty and staff; $2 for WU students. Tickets available at Edison Theatre Box Office.
FILMS
FRIDAY, FEBRUARY 10
8 p.m. WU Filmboard Series, "Woman in the Window." Brown Hall Theatre. Admission $1.50. (Also Sat., Feb. 11, same time, Brown; and Sun., Feb. 12, 8 p.m., Wohl Center.)
8 p.m. WU Film Art Series, "Lifeboat," directed by Alfred Hitchcock. Rebstock Auditorium. Admission $1.75; $1 for WU students with ID. (Also Sun., Feb. 12, 2 p.m., Rebstock.)
SATURDAY, FEBRUARY 11
8 p.m. Office of Student Affairs American Cinema Series, "Fury" and "Woman in the Window." Rebstock Auditorium. Admission $1.
MONDAY, FEBRUARY 13
7:30 p.m. WU Filmboard Series Double Feature, "Made for Each Other" and "Talk of the Town" (9:15 p.m.). Brown Hall Theatre. Admission $1.50 for either or both films. (Also Tues., Feb. 14, same times, Brown.)
TUESDAY, FEBRUARY 14
12 noon. Women's Tuesday Film Series, "Betty Tells Her Story" and "Women of Toubou." 304 Mallinckrodt. (Also, Tues., Feb. 14, 6:30 p.m., Wohl Center Lounge.)
7:30 p.m. George Warren Brown School of Social Work Learning Resources Center Film, "Juvenile Court." The film, winner of the Du Pont Award of the Columbia U. School of Journalism, is an examination of the daily routine of a juvenile court. Bernard Weismann, Volunteer Home Coordinator, St. Louis County Juvenile Court, will head a discussion following the film. Brown Hall Lounge.
WEDNESDAY, FEBRUARY 15
7:30 p.m. New German Cinema Series, "Fox and His Friends," Directed by Rainer Werner Fassbinder. German with English subtitles. Brown Hall Theatre. Admission $1.50. (Also Thurs., Feb. 16, 9:30 p.m., Brown.)
9:45 p.m. WU Filmboard Series, "Allegro Non Tropo," Brown Hall Theatre. Admission $1.50. (Also Thurs., Feb. 16, 7:30 p.m., Brown.)
SPORTS
FRIDAY, FEBRUARY 10
7:30 p.m. Women's Basketball, WU vs. Belleville Area Junior College. Francis Field House.
SATURDAY, FEBRUARY 11
2 p.m. Men's Swimming, WU vs. Principia College and Northwest Missouri State. Wilson Pool.