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Perspectives

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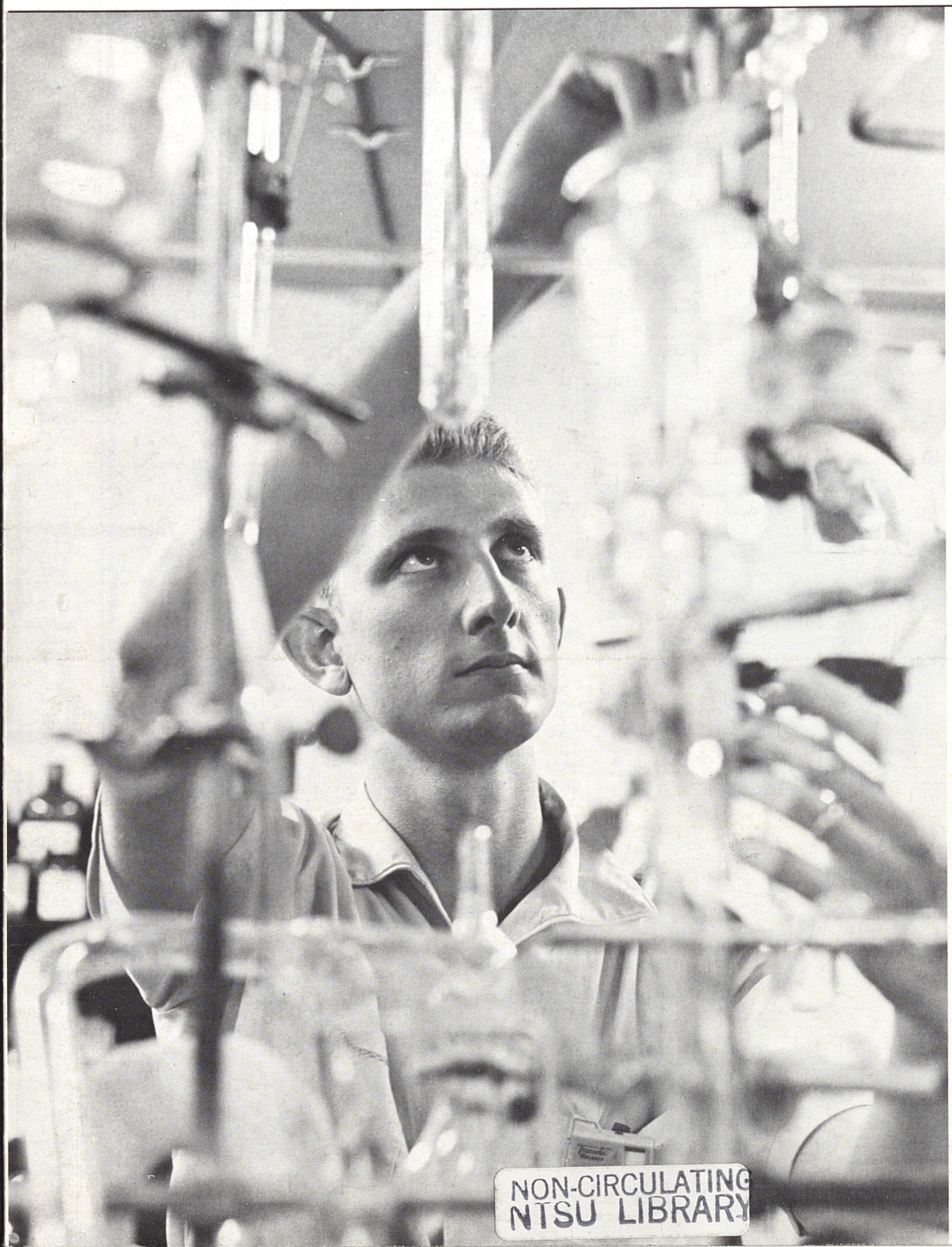
University of Houston System



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Perspectives

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Outreach programs assist local public schools

College students aren't the only people receiving an education from the University of Houston.

Students at River Oaks Elementary and Lanier Middle Schools in Houston are studying poetry and prose through the Writers-in-the-Schools program, a coordinated effort between UH-University Park and the Houston Independent School District.

In Victoria, elementary school children needing help with schoolwork are receiving tutorial assistance from education students at UH-Victoria.

And students with learning and communication disorders in the Freeport area are benefitting from the use of computers awarded to UH-Clear Lake by Apple Computer, Inc.

These are just three examples of the many educational outreach programs ongoing at the University of Houston. All are cooperative efforts between public school districts and individual UH campuses. Each involves intensive interaction between University of Houston students and a wide range of public school students, from gifted and talented to those with special learning disabilities.

Most of the UH students involved in outreach programs are education students. In an innovative approach to teaching writing, however, graduate students enrolled in the creative writing program at UH-University Park are working with public school students in Houston to increase their mastery and enjoyment of writing.

"We are attempting to put writers in the schools to help students approach writing as something enjoyable, and to open new avenues for the students," said Rosellen Brown, associate professor of creative writing at UH-University Park.

Brown's husband, Marvin Hoffman, was instrumental in starting the Writers-in-the-Schools program for HISD. Now an English teacher at T. H. Rogers, an HISD Vanguard school for talented and gifted students, Hoffman developed a similar program for the New York City public schools in the 1960s. That successful program is still in operation today.

This semester two creative writing graduate students from UH-University Park are spending four hours a week with academically gifted students at River Oaks Elementary and Lanier Middle Schools.

"The basic philosophy of the program is to stimulate children's creativity in writing by bringing live writers to them who will serve as stimulants and role models," said Philip Lopate, a UH-University Park creative writing professor who helped establish the pilot program.

HISD schools were asked to submit proposals detailing the plans they would have for a writer, said Robert Lunday, a UH-University Park graduate student teaching poetry at Lanier Middle School. "The two schools submitting the best proposals were awarded the writers. We are hoping the program can be expanded in the future, with more writers in more schools."

Lunday, and fellow graduate student Wanda Grossman, are working with students in the writing and study of poetry, essays, and stories, and are encouraging students to read contemporary literature.

The UH-University Park creative writing faculty also offered a writing workshop for interested teachers last spring. "Teachers can't really ask students to do something they themselves don't feel comfortable doing—like writing," said Brown.

In Victoria, education students from UH-Victoria are providing more traditional tutorial services to local elementary school students failing one or more subjects. The arrangement was prompted by a state-mandated requirement for public schools to provide tutorial assistance to students needing help with their schoolwork.

UH-Victoria became involved after receiving requests for help from local school principals.

"When I became aware of the large number of students who would qualify for the program at my school alone—some 97 students in grades one through five—I realized that the two teachers we had assigned to manage the program could not adequately address our needs," said Lorraine Hernandez, an elementary school principal in Victoria.

Diane Prince, dean of the Division of Education at UH-Victoria, said 24 students enrolled in introductory education courses at the campus have agreed to serve as after-school tutors. These students will receive extra credit in their courses, Prince said.

"The program is beneficial to our students in that it helps put theory into practice early on in the educational program," said Dr. William Bush, an assistant professor of education at UH-Victoria. "Our students will have the opportunity to work with children individually or in small groups and to learn first-hand how to communicate and help children with their problems. The benefits to the schools are obvious. It will provide much-needed human resources at no cost."

Continued on p. 2

Steffanie Gibbons

UH creative writing student Wanda Grossman helps children at River Oaks Elementary School improve their writing skills.

Small Business Center opens

The Texas Gulf Coast's first Small Business Development Center, providing free management consulting services and low-cost seminars to small businesses in 35 counties, is now open in downtown Houston.

Jointly funded by the College of Business Administration at UH-University Park and the U.S. Small Business Administration (SBA), the Gulf Coast Small Business Development Center will serve an estimated 140,000 small businesses in the southeast Texas region. More than half of those are located in Harris County.

Dr. Jon Goodman, director of the new center, is a former faculty member in the UH-University Park Department of Systems and Strategy, and a successful business owner and consultant. She was associated with a similar center in Georgia.

Noting that small businesses create 85 percent of all jobs, Goodman said, "Most small business owners are too busy fighting fires to go after the information they need. We will package that information and help them manage better. Most businesses fail not because they lack capital, but because they lack management expertise."

The center's first office is open at 101 Main Street in downtown Houston. An office in the Clear Lake area is expected in June 1985. Outlying counties will be served by traveling counselors until field offices are established throughout the service area over the next two years.

Professional consultants, graduate students with business experience, and volunteers from the private sector will serve as counselors for the center, assisting in the traditional business areas of marketing, accounting, finance, operations, and management.

The center will focus on two speciality areas: small businesses owned by women and minorities, and international trade. Seminars tailored to the needs of these groups are planned, in addition to seminars on technology utilization. The center will also provide a liaison between small businesses and world markets through a data base and counseling.

"Most locally owned businesses are small, but they make up the backbone of our economy," said Dr. A. Benton Cocanougher, dean of the College of Business Administration. "If we can help increase their success rate, then we are saving local jobs."

The Clear Lake, Downtown, and Victoria campuses of the University of Houston, as well as other state universities in the region, are expected to become involved in the Small Business Development Center operations within the next two years.

AT&T donates computers

The University of Houston-University Park will receive $2.3 million worth of computer equipment from AT&T Information System as part of a $32 million program recently announced by AT&T. The equipment will be used in UH-University Park's computer science and electrical engineering departments.

"We are committed to furthering computer research on this nation's college campuses," said Charles Marshall, chairman of AT&T Information Systems. "With decreasing government participation in the funding of research and education in universities, more and more responsibility for the role has fallen upon private business. We have chosen to step up to this most important role."

University of Houston President Charles E. Bishop commended AT&T for taking a leading role in improving the state of research equipment in the nation's universities. "The current state of research equipment in our university laboratories is becoming a critical concern on all levels: local, state, and national. Programs such as AT&T's will help ensure that major universities like the University of Houston can remain in the forefront in both education and research far into the future," Bishop said.

The equipment to be donated will range from AT&T's 3B20 super-minicomputer to the desktop 3B2 supermicrocomputer. Appropriate terminals and high-speed networking products to link the 3Bs also will be part of the donation program. In addition, AT&T will install the equipment and provide one year of maintenance and support free of charge.

Universities to receive the equipment have been chosen on the basis of their efforts to develop the computer science and electrical engineering fields; their commitment to campus of the future technology; and the willingness of their faculty, students, and administration to participate.

UH-University Park Chancellor Richard L. Van Horn said, "The AT&T donation is another significant step in our plans to develop one of the most comprehensive computer intensive educational environments in the nation. We are delighted to be a participant in this far-reaching program."

Commentary

Up-to-date equipment vital to research effort

by Julie T. Norris
Assistant Provost and Director, Office of Sponsored Programs
UH–University Park

Research in college and university laboratories has long been the base for U.S. technological strength as companies turned to universities for help in the basic research needed to maintain our superiority. State-of-the-art research equipment was generally available to do this research. Now, however, university laboratories are filled with obsolete equipment and occupy outdated facilities. Experts have begun to worry that the decaying state of equipment will severely handicap the nation's growth and productivity.

Recent studies have established that the bulk of research equipment in our nation's colleges and universities is twice as old as that in industrial and corporate laboratories. In fact, a recent National Science Foundation study indicated that only 16% of the research equipment in computer and physical sciences laboratories was state-of-the-art. Many of our graduates, at both the graduate and undergraduate levels, are having to be retrained in how to use modern research equipment after they join industrial laboratories. Estimates of the funds needed to replace and refurbish equipment range upwards of $5 billion dollars. The problem, unfortunately, is compounded by the fact that research equipment is quite costly. A few years ago, major equipment was generally classified as that in the $25,000 to $100,000 range; items in that level now are generally viewed as relatively minor, and major equipment is viewed as that in the $250,000-$1,000,000 range. Part of this is due to inflation, but much is due to the dramatic increases in technology and the increasing complexity of the equipment.

One of the serious implications of the equipment problem is the fact that availability of equipment (or lack thereof) is placing parameters on the type of research that is being done. Research projects are often decided upon equipment availability rather than the need or importance of the research itself. There are, indeed, indications that solving the equipment problem is critical for the health of research in this country. Several federal agencies have established new programs dedicated to increasing the amount of research equipment in university laboratories. Industry, too, is working hard to help bring university laboratory equipment up to date. Gifts to universities are crucial in this effort, as are large purchase discounts, which are becoming more and more common across the country. It is vitally important, though, to continue efforts to update scientific laboratory equipment.

As the amount of equipment does increase in our research laboratories, an additional very serious problem is developing—maintenance and operation of that equipment. With the push for research equipment, no parallel push has developed for funds to operate and maintain the equipment once it is on the campus. Conservative estimates are that the cost of maintenance and operation of a major piece of research equipment is 10% of the retail purchase price per year—a staggering sum which often causes a university to question whether it can even accept the equipment itself. In the next decade we will have to struggle with this problem, which may well be as significant as the issue of acquiring the equipment itself.

What is the answer for universities? We must use all our creative talents and expertise to address the problem. To be a first-rate research university we must have state-of-the-art research equipment, and we must be able to use and maintain that equipment. We must find creative ways to fund the acquisition of research equipment; we must find ways to collaborate with others to utilize equipment to its fullest and to spread the cost of maintenance over as wide a population as possible. We must collaborate with our colleagues in other universities, and in industry, to share that equipment which can be shared. We must, either internally through our own technical staff or externally via maintenance agreements, find ways to keep our equipment in top condition, and we must work with companies to reduce the cost of maintenance on that equipment. We must utilize remote access technologies for equipment too expensive to be acquired and used by any one university. We must improve our management practices and encourage funding agencies to become more flexible in utilization of research funds for these purposes. Only in these ways will universities be able to maintain a pre-eminent role in fundamental research in this country.

Educational outreach, cont'd from p. 1

"We are very excited about the program" said Principal Hernandez. "I have already received positive feedback from parents of children enrolled in the program, as well as from the supervising teachers. This is a team effort between the school, the University, parents, and students—and it's working."

The University of Houston-Clear Lake is reaching out to help public school students with learning disabilities by sharing equipment provided by a grant from Apple Computer, Inc. The grant is valued at approximately $75,000 in computer hardware and office equipment, and was made by the Apple Education Foundation, part of Apple Computer, Inc.

The campus has teamed up with the Brazosview School, a special education center in Freeport, to share 30 Apple II-E microcomputers, printers and modems, and other software, over a two-year period. Some 220 students, ages 3 to 21 years, with various types of communications disorders and emotional and physical handicaps, attend Brazosview School.

The computers are used to help those students with severe communciations problems sharpen speech, reading, listening, and reasoning skills.

"It's amazing how fast the children pick up the discs and turn on the machines," said Inez Dickenson, principal of the Brazosview School. "They find it easier than the adults."

Dickenson points out that computers provide a device to pry out information stored in the minds of students who are normal in many ways except for their inability to communicate verbally. "With computers, we can begin to determine how much information the students have," she said.

Dr. Glenn Freedman, associate professor of education and director of the Diagnostic Education Center at UH-Clear Lake, said, "Our project with the Apple computers provides an unusual three-way partnership among a corporation, a university, and a local school. It allows us to explore the limits of microcomputers as an alternative communications device for children lacking normal communications abilities."

Adrienne Rich

Adrienne Rich to speak at UH

Adrienne Rich, recognized as one of America's finest contemporary poets, will speak at the Clear Lake campus on Thursday, January 31, 1985 as part of the University's Writers in Society Series.

Rich has contributed to society as a critic, scholar, and teacher, but she speaks most importantly as a poet. Of her art she has said, "Poetry is above all a concentration of the *power* of language, which is the power of our ultimate relationship with everything in the universe."

Her work, remarkable for its precision and strength of imagery, is relentlessly personal. Combining personal and political commitment, Rich has written passionately and movingly about some of the great American issues of our time: peace in Vietnam, civil rights, and women's rights.

Born in Baltimore in 1929, Rich is currently writer-in-residence at San Jose State College, California.

A Radcliff graduate in 1951, she received the Yale Younger Poets Award that same year for her first book of poetry. Since that time she has had published 12 volumes of poetry, a collection of striking essays, and one of the most important theoretical works of the women's movement, *Of Woman Born: Motherhood as Experience and Institution*, which traces the concept of motherhood as it has developed in a patriarchal society.

"At the heart of her extraordinary poetry is her own experience, given to us so directly that even the theoretical seems personal," explained Dr. Gretchen Mieszkowski, UH-Clear Lake professor of literature.

The recipient of numerous awards and prizes, Rich won the National Book Award in 1974 for *Diving Into The Wreck*, but she rejected the award as an individual, accepting it instead "in the name of all the women whose voices have gone and still go unheard . . ."

As one who has integrated the gift of language with the sense of mission, Rich offers a vision centered upon women as the hope for the future of the world.

Her most recent work is a collection of poetry entitled, *The Fact of a Doorframe: Poems Selected and New, 1950-1984*.

Rich will read from her works at 8 p.m. on Thursday, January 31, in the Bayou Building auditorium, UH-Clear Lake. A reception for the poet is scheduled to precede the reading at 7 p.m. in Atrium I. Both events are free and open to the public.

In addition to Rich, this year's readings will also feature novelist John Updike, who will read at University Park in March.

Christmas Holiday Schedule

UH-University Park	**December 24–January 1**
UH-Clear Lake	**December 24–January 1**
UH-Downtown	**December 24–January 1**
UH-Victoria	**December 21–January 1**
UH-System Administration	**December 24–January 1**

Founding dean endows law center

A. A. White, founding dean of the University of Houston-University Park Law Center, has endowed the nation's largest prize in law.

The award, part of a $350,000 scholarship endowment gift from Dean White and his wife Ersie, was officially accepted by the University of Houston Law Foundation on November 13. The dean emeritus set aside $251,000 of the endowment for the Junior M. Ator Award, and $99,000 for student scholarships.

The $251,000 Junior M. Ator Award will be given triennially to recognize "that person, group of persons (acting through a joint effort), or institution that has had the greatest impact over the preceding three-year period in bettering society in the state of Texas by encouraging or causing a change of law or in the administration of justice."

The recipient will be chosen by a committee chaired by the dean of the UH-University Park Law Center and including the state's leading judge and a leading bar official. The first award is expected to be made in December 1987, and will be for $75,000. Candidates to be considered for the prize will include judges, attorneys, legislators, scholars and laymen.

Future awards will consist of at least 50 percent of the accumulated interest on the endowment. The balance may be turned into a scholarship given in the name of the recipient.

Junior Ator, a graduate of the University of Texas School of Law, was Mrs. White's father. He was a promising lawyer, but died at a very young age, according to the endowment statement. The gift also includes three $33,000 endowments for scholarships named in honor of White's family.

"Dean White wanted to honor his children, and provide recognition for people to improve the law and society," comments Law Center Dean Robert Knauss. "He felt his father-in-law was denied the opportunity of achieving the good he would have if his lifetime had been extended.

"White wants to finish the job he started in 1947," Knauss adds. "He hopes to improve the prestige and visibility of the UH-University Park Law Center. I think his dedication and generosity will be an inspiration for our students and the legal community."

". . . The law is neither perfect nor static; it is always evolving," White's grant statement reads. "It is our belief that lawyers ought to be an increasing force in seeking its perfection and in guiding its [the law's] evolution toward that end. It is our hope that the award will contribute to that goal by improving society within the state of Texas through an enlightened and just system of law and its administration."

White is responsible for establishing the Law Center in 1947, where he taught and served as dean until 1956 when he left to enter industry. He returned to the center in 1962, and from 1976 to 1980 he taught part-time as dean emeritus.

News in Brief

A $20,000 faculty support grant was awarded to the UH-University Park Cullen College of Engineering from the Halliburton Foundation of Dallas. The grant will be used to supplement salaries, make incentive awards, or provide professional development assistance for the 1984-85 academic year.

Halliburton funds were recently used to honor three UH-University Park engineering professors who were presented the 1984 Awards of Excellence for Research and Teaching. These awards are the highest research and teaching honors the college can award its faculty.

Dr. Robert Nerem, chairman of mechanical engineering, received the 1984 Faculty Research Award and a $2,000 stipend for his work on blood flow and the development of artherosclerosis. His research emphasized the interaction between flowing blood and the cells lining the arteries.

Dr. William Richards, assistant professor of electrical engineering, received the 1984 Young Faculty Research Excellence Award and a $1,500 stipend for his work on the development of dual-band microstrip antennas using reactively loaded microstrip elements.

Dr. Richard Pollard, associate professor of chemical engineering, received the 1984 Faculty Teaching Excellence Award and a $2,000 stipend.

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Dr. Jib Fowles, professor of human sciences and humanities, UH-Clear Lake, testified before the U.S. Senate Subcommittee on Juvenile Justice in Washington, D.C., on October 25.

Fowles was asked to testify after he appeared October 10 on the CBS Morning News and spoke on "Television Violence and Viewer Behavior." Fowles disputes the notion that television violence gives rise to violent crime.

A comprehensive energy management plan adopted by UH-University Park has saved the campus $3.4 million during its first year of operation.

Total utility expenditures for the 1984 fiscal year were $11,728,323, more than $3 million less than the allocated budget of $15,172,553. In previous years, the UH-University Park required supplemental allocations from the state to cover increasing utility costs.

The $3.4 million savings can be traced to four sources: a new natural gas contract; a computerized energy monitoring system; energy projects, such as maintenance of a campus-wide lighting level standard; and improved central plant operations. A portion of the savings is also attributable to lower energy costs in the marketplace.

■

Arte Publico Press of UH-University Park has received grants from the National Endowment for the Arts and the Burkitt Foundation to organize Mini Book Fairs throughout the state of Texas. The purpose of the book fairs is to expose communities in smaller cities to the flowering of U.S. Hispanic literature.

The grant allows for the program director, Cristelia Perez, to travel around Texas with an extensive book display and two Hispanic writers. The writers read, lecture from, and autograph their works. The writers' books, as well as those of other Hispanic writers in the United States, are then sold on location.

Dr. James A. McCammon, M. D. Anderson Professor of Chemistry at UH-University Park, has received a three-year, $467,000 grant from the National Science Foundation as part of the NSF's new program to stimulate scientific supercomputer research.

McCammon's work will apply theoretical chemistry principles to the behavior and movement of biological molecules. Potentially, this work could permit computer design of protein molecules, such as new enzymes and drugs.

Supercomputers capable of 10 million calculations per second can handle the complicated programs and calculations of theoretical chemistry. McCammon's work will use the Cyber 205 supercomputer at Purdue University, which is up to 200 times faster than large mainframe computers.

■

Minority high school students will find themselves better prepared for college after participating in a new program at UH-Victoria. This pilot program will assist minority students in preparing for college by providing information about college applications and deadlines, financial aid, and entrance examinations. The program also concentrates on the students' individual needs by helping them increase self-esteem and better articulate career objectives.

Dr. Beatrice K. Reynolds, chair of the planning committee for the program, said the University hopes to sponsor the program annually.

International Business Machines, Corp. (IBM) has agreed to offer a 30 percent discount off retail prices to UH-University Park and UH-Clear Lake students, faculty, and staff members for IBM personal computers (PC's), accessories, and software.

This is the first 30 percent discount agreement IBM has signed with a Texas university. The two campuses will make the discount available University-wide.

UH-University Park Chancellor Richard Van Horn says the IBM personal computers purchased through this agreement will become part of the proposed 20,000 PC network now being developed on the four UH campuses.

IBM is the second major computer corporation to offer a discount to the University of Houston. Digital Equipment Corporation is offering their computer equipment at a 55 percent discount to faculty, students, and staff.

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The UH-University Park College of Optometry, for the fourth consecutive year, provided low-cost vision tests and glasses to selected indigent students from the Houston Independent School District in November. The Central and East End Lions Club paid for the discounted eye exams and necessary glasses.

The primary candidates for this service are elementary school students, because improved vision will help develop successful study skills early in the educational process.

Fiesta Mart supports "Partners in Education"

Fiesta Mart, Inc. has made a contribution of $15,000 to the University of Houston's Partners in Education scholarship program for academically talented Hispanic students. Now in its second year, this University-wide program was created to assist outstanding Hispanic scholars, and to foster closer ties between the University and the city's Hispanic community.

According to the program's guidelines, the University will match any gift up to $25,000 in scholarship funds. As a result of Fiesta Mart's contribution, $30,000 will be added to the program's scholarship fund, which provides annual, renewable stipends of up to $2,000 for qualified students. Donald Bonham, president of Fiesta Mart, said he expects the $15,000 contribution to become an annual gift to the University.

UH-Downtown Chancellor Alexander Schilt cited the significance of Bonham's association with the University of Houston.

"It is important for two reasons," Schilt noted. "First, his record of success in the marketplace stands as a model for all students majoring in business. Second, through his charitable attention to the University of Houston, Mr. Bonham serves as an outstanding role model for others in the city of Houston. I am delighted that a leader of his stature recognizes the significance of developing the Hispanic leadership of tomorrow through strong educational assistance today."

Four Partners in Education scholarships were awarded on the University Park campus during the last academic year. All recipients graduated in the upper 10 percent of their high school classes and were highly involved in student organizations and honor societies. The program is expected to expand significantly this year and next, with scholarships to be awarded on all UH campuses.

Profile: Roger Bilstein

As a young boy, Roger Bilstein watched air force pilots perform aviation exercises in the skies above his hometown in Nebraska.

This child's interest in aircraft became the man's lifetime work. Roger Bilstein, combining his interests well, is now a professor of history at UH-Clear Lake, and a historian for the Johnson Space Center. He completed the official NASA history of the Saturn Launch vehicles in 1981, and is now beginning to record the history of NASA's space station.

"The space station project is a bit unusual because I'll be working on it at a very early stage in its development. I have permission to actually sit in on some of the planning meetings, so I'll be able to watch the space station as it evolves," Bilstein said.

"I've always been interested in how aviation has influenced society and culture. The international aspect of the space station intrigues me a great deal—especially the fact that the space station may have a large number of international components, and international cooperation."

With his interest in aircraft, why isn't Bilstein piloting a commercial jet, or speeding through space in the shuttle? "As a child, I never knew anyone who was a pilot, so it never occurred to me that this was an avenue open to me. My father owned a grocery store, so I saw my future as either becoming a grocer or an educator. Certain teachers impressed me in high school, and this is the direction my career took," Bilstein explained. "The professions of law, engineering, etc. never entered my mind because I didn't know anyone who did these things."

In 1959 Bilstein graduated from Doane College in Nebraska with a degree in European history. He completed his graduate studies at Ohio State University in 1965, earning a Ph.D. in recent American history and foreign policy, with extensive research in American aviation history.

In addition to earning three degrees in history, Bilstein has found the time to learn to fly. "I have a pilot's license but, unfortunately, the prohibitive cost of flying has prevented me from keeping it active. A specific number of landings and take-offs must be made every three months to keep the license active. Unless you can charge it off to business, or make a lot more money than a history teacher, this just isn't feasible."

Despite his inactive pilot's license, this armchair aviator has chronicled the history of American aviation in a new book entitled *Flight in America, 1900-1983: From the Wrights to the Astronauts*, recently published by the Johns Hopkins University Press. Bilstein has also received writing awards from the Aviation/Space Writers Association, and is the author of *Stages to Saturn: A Technological History of the Apollo/Saturn Launch Vehicles*, published by NASA in 1981.

Just as Bilstein is now involved in the early stages of the space station, so too was he involved in the development of

Steffanie Gibbons

Roger Bilstein

UH-Clear Lake. He came to the University in 1974 as part of the University's charter faculty.

"It's been an interesting and rewarding experience to watch this school evolve, and to take part in its development. As a campus strictly for junior, senior, and graduate level students, UH-Clear Lake is unique and presents its own particular challenges," Bilstein said.

The proximity of NASA to UH-Clear Lake appeals to Bilstein. "Right now we're attempting to build even stronger ties with NASA because there are tremendous opportunities for research and understanding. We can benefit greatly from the advanced expertise and new knowledge generated by the Johnson Space Center. And there's a return factor too: that the campus can provide something valuable to the Johnson Space Center. I think we can."

Accolades

Dr. Barbara Kiefer, UH-University Park assistant professor of reading, language, and literature, spoke on children's responses to picture books at a conference entitled "The Illustrator as Storyteller" at the University of Chicago in October.

Dr. Thomas L. Harman, UH-Clear Lake assistant professor of science and technologies, recently had his textbook, *The Motorola MC68: Microprocessor Family: Assembly Language, Interface Design and System Design*, published.

Dr. George J. Grega, UH-University Park associate dean for research and graduate studies, College of Pharmacy, was invited to participate in the Third World Congress for Microcirculation in Oxford, England in September. He presented a paper titled "The role of the venular endothelial cell in the regulation of macromolecular permeability."

Dr. Gene Lebrenz, UH-Victoria associate professor of business administration, will serve on the 1985 editorial review board of the *Journal of the Association for Business Simulation and Experiential Learning.*

Dr. M. Zafer Yabin, UH-University Park assistant professor of quantitative management science, has been included in *Who's Who in Frontier Science and Technology.* He is also serving on the editorial advisory board of the journal *Computers and Operations Research.*

Dr. Deloris McGee Wanguri, UH-Downtown visiting assistant professor of arts and humanities, presented a paper entitled "An Anthropological-Linguistic Analysis of Hesitation Phenomena in Public Speaking" at the 70th annual meeting of the Speech Communication Association in Chicago in November.

Dr. William S. Bush, UH-Victoria professor of mathematics education, has been appointed to serve as a facilitating editor for the American Educational Research Association's new editor-at-large program.

Dr. Evelyn A. Early, UH-University Park assistant professor of anthropology, presented an invited paper, "Everyday Expressive Life in Syria: Toward A New Approach to Political Culture," at the American Political Science Association's August meeting in Washington, D.C. The paper will be part of a future publication, *The State and Social Change in the Middle East: Development Theory Reconsidered.*

Dr. Michael W. O'Neill, UH-University Park professor of civil engineering, has received the 1984 State of the Art of Civil Engineering award from the American Society of Civil Engineers (ASCE). This award is one of four awards given by the society to honor top civil engineers nationwide.

Dr. Ivan Bernal, UH-University Park professor of chemistry, was the recipient of the section award at the September meeting of the American Chemical Society, Southwestern Texas Section, held at Rice University.

Dr. Michelle Sabino, UH-Downtown director, English Language Institute, was a speaker at the Sixth Annual Conference of Teachers of English to Speakers of Other Languages-Italy, held in Rome this October. She spoke on "The Teacher as a Perpetual Learner."

Kit van Cleave, UH-Downtown adjunct professor of English, has had her article, "Julia Peterkin: Gone and Good Riddance," chosen for inclusion in an upcoming volume of *Contemporary Literary Criticism.*

Dr. Harold G. Jones, UH-University Park professor of Hispanic and classical languages, presented a paper entitled, "Rome and Nicolas Antonio's *Bibliotheca Hispana*" at the First International Symposium on Hispanic Bibliography at Syracuse University in October.

Dr. Sylvia C. Pena, UH-University Park associate professor of curriculum and instruction, recently delivered two keynote addresses at the Texas Association for the Improvement of Reading Conference at Pan American University, Edinburg, Texas.

Perspectives is published by the UH System Office of University Relations. Executive Director: Carla M. Cooper; Editor: Steffanie Gibbons; Contributing writers: Kathy Jones, Theresa Tarlton, 749-4147.

Dr. Robert Fisher, UH-Downtown associate professor of history and UH-University Park adjunct professor of social work, has received excellent critical notice for his recently published book, *Let People Decide: Neighborhood Organizing in America.*

Dr. Les Switzer, UH-University Park professor of African and Afro-American studies, has just returned from 10 months as a lecturer at Rhodes University in Grahamstown, South Africa, where he was involved in a variety of research projects. He is also writing a book entitled *Cursed of Canaan: The Ciskei and the origins of African nationalism and dependency in South Africa.*

Dr. Roy Henderson, UH-University Park assistant professor of industrial technology, presented a paper entitled, "Salary Survey of Industrial Technology Faculty" at the National Association of Industrial Technology annual conference. The survey effort is the first of its kind for industrial technology faculty, and is recognized as a significant step toward professional identification of industrial technology faculty/ administration.

Dr. Larry Kevan, UH-University Park Cullen Distinguished Professor of Chemistry, recently presented invited lectures on "Photoionization in Microemulsions" at the Farady Society Discussion in Liecester, England and on "Electron Spin Echo Studies of Charge Separation in Micellar Systems" in Siberia at the conference on Magnetic Resonance of Elementary Chemical Acts.

Dr. Frank M. Tiller, UH-University Park M. D. Anderson Professor of Chemical Engineering, gave a one-day short course on solid-liquid separation at the Flint Filtration Conference. He also presented, with Professor E. Robert Baumann of Iowa State University, two short courses on solid-liquid separation at the annual meeting of the American Institute of Chemical Engineers (AICHE) in November in San Francisco. The second course will mark the 53rd time he has given a short course for the AICHE.

Dr. Donald Quataert, UH-University Park associate professor of history, delivered a paper entitled "Handicrafts and Industry in the Ottoman Empire, 1880-1915: A Reappraisal," at the October International Symposium on Ottoman Social and Economic History, held at the University of Munich in West Germany.