Cornell Launches Campaign to Raise $1.25 Billion

"We are a university of unusual merit: resilient, mature, distinguished in what we have already achieved, and secure in our sense of what we are. Most important, we are an institution that is confident, forward-looking, and expansive in its outlook as we seek to create and shape the future, not simply for Cornell, but for the nation and the world."

$100 Million Would Go to ALS

"The campaign we are embarking on now is essential if we are to maintain the level of excellence expected of our college. A permanent base of support is a must if we are to have the flexibility to move into new areas, to experiment, to take risks, to stay in the forefront."

College Scientist Creates Cold Fusion Archive

IN THE SPRING OF 1989, ONE-TIME science writer Bruce V. Lewenstein was teaching a graduate seminar in the Department of Communication on techniques used in studying the way the press covers science. The evening of March 23, a remarkable thing happened: Dan Rather led the CBS Evening News with a report on two chemists who claimed they had found a way to create fusion...at room temperature...in a test tube.

Here was the hottest science story to break since Lewenstein, an assistant professor of communication, had come to teach the department’s science communication specialty. For, if the claims of B. Stanley Pons and Martin Fleischmann were true, these two men had found the fundamental answer to the world’s energy problems. What’s more, cold fusion, as the process came to be known, would bring an end to acid rain, global warming, and a host of other environmental problems that are caused by the current practice of burning fossil fuels.

Pons and Fleischmann’s announcement touched off what Lewenstein calls a “media circus.” Day after day, television, radio, and newspapers bombarded the

(Continued on page 2)
$1.25 Billion Goal Set for Cornell
College of Agriculture and Life Sciences to Raise $100 Million

CORNELL UNIVERSITY HAS BEGUN A five-year campaign to raise $1.25 billion to reestablish the university. As of October 18, this was the largest fund-raising goal ever announced by a university. Cornell already has raised $340 million of the total.

Cornell President Frank H. T. Rhodes said the funds raised by the campaign will be used to support the university's ability to maintain its quality, while increasing its research capabilities and maintaining its fundamental nature. The university does not intend to expand its physical size or staff, he said, but will strengthen its foundations by increasing the endowment to more than twice its current size.

As of June 1989, Cornell's total endowment of $623 million was the highest among all universities (Harvard was first at $4.3 billion), fifth in the Ivy League, and a distant 7th among private colleges and universities for endowment per student.

Income from the added endowment will help make salaries for faculty and staff more competitive, continue needed financial aid for students, and benefit libraries, teaching, and research facilities.

"On the occasion of our 125th anniversary," Rhodes said, "I believe the time is ripe to reaffirm our mission in terms that give a fuller sense of the special genius of Cornell's founders and that support the particular role the university is now called to play. The secret of Cornell is its continuing commitment to three basic values—discovery, leadership through excellence, and service to society."

Discovery, he said, is the foundation of Cornell's teaching and research. It encompasses undergraduate education, the vast array of research facilities in Ithaca and beyond, and the use of research findings in the world community.

Leadership is nurtured at Cornell through excellence, he said, citing Nobel laureates and Pulitzer Prize winners among the faculty, a commitment to teaching, the cultivation of students as future leaders, and a sense of responsibility to their communities, their professions, and to Cornell.

Cornell's pattern of service, Rhodes said, sets it apart from others. It begins with the hundreds of students who volunteer their services on campus and in the larger community each year, the sharing of campus resources with others, and the millions of contacts made each year by Cornell Cooperative Extension.

Rhodes said the three values of discovery, leadership, and service are embodied in five guiding principles:

1. "We exist to serve our students.
2. "Our people are the foundation of our strength."
3. "Our campus community is distinguished by involvement, cooperation, civility, and trust.
4. "We are creative and responsible stewards of our resources.
5. "Integrity underlies all we do."

Rhodes said Cornell enters its largest capital campaign from a position of strength. The university is in the top ten in prestigious awards to its faculty and staff in the size of its library holdings, second in the nation in research expenditures, and produces more Ph.D.s than any other university.

At the same time, he pointed to a "desperate" outlook for budget support from Washington and continuing cuts in state funds for the four statutory units—the College of Agriculture and Life Sciences, the College of Human Ecology, the School of Industrial and Labor Relations, and the College of Veterinary Medicine. Since July 1986, a series of cuts required by state revenue shortfalls has meant reductions of nearly $16 million to the state units. In the past 20 years, state-funded jobs at the four units have dropped steadily from 2,254 to 1,823.

Specific goals for the major areas of the capital campaign are listed below:

- $250 million to support teacher-scholars in all aspects of their work. Among its distinguished peers, Cornell's faculty salaries are barely competitive, and some 20 percent of the faculty will retire over the next several years. The campaign will allow Cornell to endow 125 new chaired professorships.
- $450 million for academic programs to enable Cornell to teach more effectively and meet the nation's need for a strong research-based infrastructure. This total of $450 million would be for unrestricted support to permit Cornell to extend its mission.
- $175 million for student financial aid and graduate support. Cornell has increased its commitment to financial aid at twice the rate of inflation over the last decade. And it continues as the national leader in the number of doctoral programs offered.
- $300 million for upgrading facilities. Cornell is a mix of the state-of-the-art and the obsolete. Buildings that serve some of the nation's top programs in the sciences and humanities are in dire need of improvement.
- $75 million for supporting libraries. The pressing need is creating space for the next book and the next and the next. And a million volumes are threatened by severe decay, requiring massive micromilling, digitizing, and repair efforts.

Alumni Attends Cornell One Semester; Leaves $1 Million

A. PERCY LEON ATTENDED A poultry husbandry course at Cornell in 1913 and never lost his love for Cornell. He always proudly related his success to his academic studies at Cornell. Leon and his wife, Marion, left more than $1 million of their estate for the Cornell College of Agriculture and Life Sciences. Nearly $700,000 was left in a direct bequest, and $300,000 in trust for eventual distribution to the college. In addition, some $70 million has been provided by the Leon foundation for student financial aid over the past several years.

Mr. and Mrs. Leon were active in the Sarasota, Florida, Cornell Club until their deaths, and they were always thrilled to hear from and about students benefitting from their financial aid support. Leon was born in New Rochelle, N.Y. Although he had very defective eyesight, he was active in physical sports, travel and international affairs, and reportedly tried out for the Cornell track team during his one semester of study here.

Lt. General Oren E. Hurburth, a very close friend since the early 1940's, calls Leon as an agricultural commodit
ty leader in New York City. Leon later lived in Tobago for an extended time, then returned to the U.S. and worked for a voluntary action group in Washington.

The Marion A. and A. Percy Leon Foundation was established during the 1960s to receive gifts from the Leon's for disbursement to aid needy students in the College of Agriculture and Life Sciences. Funds will be distributed in the College of Agriculture and Life Sciences to support the Marion A. and A. Percy Leon Endowment Fund for undergraduates; College Facilities Renovation Fund named for the Leon's; the Personal Enterprise Program, and the Marion A. and A. Percy Leon Fund for graduate students.

The College's Role in the Capital Campaign

ALTHOUGH THE塾 CHARGE DECORUM CAST A WARD IN THE CLASSROOM, AN INVOCATION OF AN EVIL BEAST AT THE ANOTHER, THE POWER IN THE ROOM WAS SUBLIME. THE POWER IN THE ROOM WAS SUBLIME.

Dean Call

(Continued on page 2)
A recent gift of $1.5 million from the family and colleagues of Bruce F. Failing Sr. was used to endow a chaired professorship for the director of the Personal Enterprise Program, which seeks to expose students to the great diversity of unique problems and decisions faced by owners of small businesses. The endowed chair funds have also been established for scholarship and financial aid. The college now has 110 hours worth $2.6 million for graduate fellowships, and 36 funds worth $572,000 for grants, prizes, and loans.

The strong, continued leadership and support from alumni and friends have been indispensable for this purpose. "To be in a position of leadership among the colleges of agriculture in this country," Call said, "The campaign we are embarking on now is essential if we are to maintain the level of excellence expected of us. A permanent base of support is a must if we are to have the flexibility to move into new areas, to experiment, to take risks, to stay in the forefront." Funds raised in the campaign will first go to support the college's undergraduate program by strengthening teaching programs, particularly in the important, effective areas of the college's curricula. The globalization of agriculture, Teach- ing, research, and extension must be supported, and laboratory and room and laboratory renovation and by purchasing computer and other scient- ific teaching equipment. Endowment funds will also be directed towards improving our financial situation. The college now has over $400,000 state tuition of any college of agriculture in the country," Call pointed out. "What drives tuition higher is the rate of financial cost. And the only way we can hold down the rate of tuition in- creases—which we want to do—is to replace tuition dollars with dollars from these sources, such as endowments," Dean said. Support for graduate student fellow- ships is another high priority area needing endowment support. "Over the years a very strong part of our program has been the training of graduate students from this country and from the developing world, yet it has been increasingly difficult to provide funding for graduate studies," Call said. "Currently, nearly half of the college's thirty units are working in areas related to the changing nature of the environment and the human community's impact on it. Endowment funds will strengthen our research and extension efforts in this area, particularly in conjunction with the recently proposed, university-wide Center for the Environment. Endowment funds are also needed to fulfill the college's traditional role of serving the citizens of New York. "We must develop innovative applied research and extension programs in order to be even more effective in the decades ahead," Call said. "Passing on the know-how, and knowledge through new techno- logies—such as by providing farmers, businesses, and local governments with access to computer access to Cornell data bases—is one new way to fulfill the college's mission to the state.

Another is through the work of the Community and Rural Development Institute, which offers assistance to elected and appointed rural legislators and officials in rural towns, villages, and counties faced with increasingly complex economic and environmental problems.

Yet another is through the American Indian Program, a multidisciplinary program housed in the college. Its activ- ities range from offering courses in Indian culture for non-Indian students to extension programs designed to help the Indian Nations of New York solve self-sufficiency problems. On the international front, the recent gift of $7.5 million to establish the Cornell International Institute for Food, Agriculture and Development (CIFAD) enables the college to be ever more effective in helping countries boost their standards of liv- ing through agricultural and rural development. "We want new endowment funds to build the infrastructure we can use with the knowledge base of this campus to benefit the world—particularly those areas where the solutions to our economic and social problems are chronic problems," Call said. The Dean noted that one of the major strengths of this college is its international focus, which he described as "the finest aca- demic library in support of agriculture and life sciences in the country."

"Mann Library became outstanding because of the extension that was done by people provided by the state and we must continue to do that," he said. With state money now committed to a major renova- tion and expansion of the library, endowment funds are necessary to expand collections and to acquire the electronic storage and retrieval devices needed to keep pace with the rapidly changing information technologies. The Cornell capstone campaign looks to creating the future. "On the college level, we are trying to change the way we teach," Call said. "We are creating human capital through education and by generating new knowledge and transferring that knowledge to the people of the nation and the world. This is what we've done best ever since the founding of Cornell, and what we want to continue to do even better in the future."* Metta Winter

*Agriculture & Life Sciences News is published three times a year by the New York State College of Agriculture and Life Sciences, a statutory agency of the State University of New York, at Cornell University in an equal opportunity, affirmative action educator and employer.

Photographers
Chris Hinton
David Lynch-Benjamin
John C. Sterling
Kelly Smith
Contributing Writers
Yung H. Kim
Editorial Assistant
Joanne Astor
Student Writer
Beth Barlow
Correspondence should be addressed to John Sterling, Alumni Affairs, 365 Roberts Hall, Cornell University, Ithaca, NY 14853-7500.

Produced by Media Services at Cornell University, 11/90, 37.5 by 5.8 in, 1500 lines.

Cold Fusion (Continued from cover)

public with reports on what quickly became a debate over the viability of cold fusion. Meanwhile, updates on the technical side of the story were flying across computer networks around the globe. Pons and Fleischmann's claim of special interest to physicists, chemists, material scientists, and nuclear engineers because, like nuclear fission (the power behind hydrogen bombs), it seemed like one of a handful of what are termed "sweet problems," unique in their technical elegance and in the technical simplicity of their solutions. They had access to both the mainstream press coverage and the electronic communication of scientists through computer networking, and the scientific community. It struck him: what more effective way to challenge his students than with a study of how the media covered scientists as they attacked such a new and contro- versial issue?

Such were the beginnings of the Cornell Cold Fusion Archive. As the single largest collection of material related to what Lewenstein calls "the cold fusion saga," the Archive contains a 1.5 million mass media stories (including newspaper, magazine, and technical journal articles and TV tapes), 6,000 pages of electronic communication between physicists, some 100,000 board messages and letters sent by electronic mail, and 50 taped interviews with scientists who covered the story.

In addition there are 75 cartoons, T-shirts, bumper stickers for those who love their cold fusion or hate it, cards and calenders, and even a university's public safety department memo cautioning scientists about the safety factors to keep in mind when trying to do cold fusion.

Beyond the immediate value as teaching materials, why would someone in the College of Agriculture and Life Sciences want all this stuff? What does Lewenstein propose to do with it?

"A collection like this is a wonderful, highly unusual opportunity for schol- ars and students at Cornell and the thousands of scholars and scientists of science to better understand how science is conducted in the mass media: how the mass media plays in the relationship between science and society.

"Doing so is scientifically relevant to CALS because so many of our fields are applied to science, and society, science is almost entirely supported by public money. It sounds trite, but if you believe in the importance of science and society then the public needs to know what it's supporting and what it's funding. It maintains that it is critical for the public to understand that science is conducted in the mass media, that it is not purely a rational exploration of nature, but rather a mar- jor social institution in our society and as such needs to be studied. "In order to understand how science works, you need to know about the economics, politics, and communications aspects of science, such as the communications between scientists and other aspects of our society and the media."

"The exciting thing about cold fusion is that it raises so many questions, not just about chemistry and physics, but about science communication, about the policies and funding of science, about the nature of scientific disciplines and the role of interdisciplinary teams, and about how the press operates in the complex interactions between science and the public."

And the cold fusion saga poses questions about how science will be conducted in the future. "Science is carried out very differently than it was only 20 years ago. In the case of cold fusion, was science distorted by influence or press conference, science by fax, science by electronic mail? Is this unique form of science being con- ducted in the next decade? And if so, was it good for science in the long run, or was it bad for science in the future? That is the fundamental question of the case study for answering such a question."

From the outset, creating the Cornell Cold Fusion Archive was a collabora- tory effort. In addition to the interactions between Lewenstein, Indiana University sociologist Thomas Geyran, and information scientist William Dougan '87 (Johnson School of Management), a postdoctoral fellow at the University of California at Los Angeles.

"Getting the project off the ground was a comprehensive study of the problem, in particular, disappears rap- idly. (By the time scientists go public with results of their experiments, the working papers historians need to trace the development of their ideas have long since been thrown away.) It's a measure of Cornell's greatness as a research university that we could respond quickly," says Lewenstein. "The first formal contacts with the National Science Foundation, which provided an $11,000 grant, were made within a month. For historians, that's fast."

There was another factor that made the project possible: Members of our advisory committee came from the Program in the History and Philos- ophy of Science and Technology, based in the College of Arts and Sciences, the History of Science and Technology program at the College of Engineering, Science on Technology and Society (Lewenstein in affiliated withappointed), the archives in the College which will be housed in Manuscripts, and University Archives in Olin Library.

"This kind of interaction across disciplinary boundaries can't be done without the support of other institutions, and it's wonderful."

The question Lewenstein gets asked most is: "Is cold fusion real?" Even with all the materials in the archive he still has to answer: "There is only a very limited amount of evidence supporting the existence of some form of nuclear fusion, but it is also true that nobody is quite sure what happens when you put a palladium rod in a jar of deuterium and turn on the juice." Metta Winter

College's Role in the Capital Campaign (Continued from page 1)
College of Agriculture and Life Sciences Leaders for the Capital Campaign

John Dyson '65
“It’s the college to maintain its position as the best of its kind in the world. It will have to continue to raise funds from individuals, corporations, foundations and others who share its vision.

Esther Schiff Rondom '37
“I think education is one of the best tools we can give our children. And where else but at Cornell where they can get a well-rounded education? I give my time for two reasons: for the future we do need to raise money for education and for the enjoyment of it. I feel that I have to pay back some of my share of the luck of having the time to participate in fund raising.

Ronald P. Lynch '58
“By most measurements, I have been very successful—we have been very, very lucky, but the best part of my luck was going to Cornell. What I got out of going to Cornell was that I’ve been lucky enough to be successful, we owe the community to something back. So I give my time as a way of repaying Cornell to the community that cares for you.

“In the beginning of doing so is far more than just helping Cornell. The benefit comes back to have it. I have met in the course of the last 18 years of working on Cornell projects people—people who have been chosen to sit on your board. ‘The university needs to have a capital campaign. If you want to be a principal behind this, Cornell’s endowment is the best investment in the world and that’s a wonderful feeling. One of the functions we can get is giving to Cornell. ‘We do not want to remain one of the top universities. Do we want students graduating from Cornell to be recognized? Do we want children to have a college education?’ If we want these things, we have to support Cornell. ‘Cornell should have to take care what we as alumni have taken away.’

Glenn T. Dallas ’56
“My wife is a ‘56 liberal arts graduate, my son, is an ‘83 hotel graduate who is just finishing up his MBA at the Johnson School, and I graduated from the College of Agriculture and Life Sciences in 1958. Cornell has meant a lot to us. The university really changed our whole lives, not only during the time we spent on campus but since we graduated. We continue to enjoy meeting new Cornell people. We’ve moved around quite a bit, and Cornell has provided us with a ready-made group of new friends through Cornell activities.

“We are proud of being associated with Cornell. Because Cornell has meant so much to us, we believe giving something back. I became involved with fund raising for Cornell as a phonathoner in the ‘60s. I don’t believe you can have a strong university without it being financially strong. In today’s environment that’s more important than ever. The high cost of education but also because there is less money available from state and federal governments. We—When I went to Cornell it was the best educational buy in the country. You got a top-notch education in an Ivy League school for a very small amount of money. It think it’s important to have an active appreciation for what we got,

What is an Endowment?

ENDOWMENT MAY BE THE LEAST understood element in Cornell’s financial picture, mainly because $823 million—Cornell’s endowment—has the ring of great wealth.

Endowment is capital whose interest, not its principal, is available for charitable or philanthropic purposes in perpetuity.

Most of Cornell’s endowment funds are in a diversified mutual fund intended to yield annual income and long-term growth. That yield tends to be about 10 percent a year. But the annual payout from all Cornell’s 2,500 endowment accounts is only about 4 percent. The remaining 6 percent is returned to each individual endowment account to maintain the value of the original gift.

The reason an endowment’s value may be exaggerated is not only because its principal is untouched, but also because endowment managers (ultimately, Cornell’s board of trustees) must think of the future as well as the present. They must build in a cushion against inflation. If all the interest and principal money—$20 million—went to endowment support, there could not manage on the income available 10 or 20 years from now.

Of some 1,600 independent institutions, only 125 have endowments exceeding $50 million. Cornell is one of only nine above $750 million. But the ultimate value of an endowment—supporting and stabilizing academic programs—is more properly measured by the dollars it provides on a per-student basis. In 1988-89 Cornell ranked 79th among independent institutions. After subtracting all students enrolled in the state-supported colleges, where New York state allocates aid as a kind of endowment, Cornell’s per-student endowment for 1988-89 came to $63.464. By comparison, Princeton’s $398,369 per-student endowment is thus more than six times Cornell’s. Harvard’s is almost four times as great.

The capital campaign campaign will place a high priority on building an endowment, not only for professorships and departmental chairmanships, but for undergraduate financial aid and other expenses that pull each year on the operating budget. The College of Agriculture and Life Sciences’ priorities include faculty salary support, undergraduate and postgraduate support, and program support. Endowment can provide more than stability. When sufficiently robust, it also can make a difference in the quality of program.

An official announcement was made in 1974 that the College of Agriculture and Life Sciences and its family, as a result of remembrance gifts to Cornell, has raised $398,369 for the construction of the Concrete and Plastics Laboratory.

“A FRIEND OF EVERYONE, JOSEPH P. King ‘38, died peacefully in his sleep on October 29 in Pittsford, N.Y. Joe King’s leadership and honors list is long. He was president of the college’s alumni association and first recipient of its Outstanding Alumni Award. He was chair of the AAS Development Committee. He was a university trustee. In his honor, the Friends of Joe King Scholarship Fund was established in 1972. A professional official was asked by a Newsweek editor why Princeton’s and Cornell’s endowment universities have so similar even though Princeton’s endowment is many times larger. He responded that both larger endowments allow Princeton to compete for faculty who are out of the reach of the other university, to maintain a library beyond the other’s scope, to pay for faculty time needed for supervising senior theses required of all undergraduates, and, unlike the other, to meet the “full demonstrated financial need of all admitted undergraduates.”

Sam Segal

Joseph King, 1910-1990

Ertel-Diamant Pre-Medical Student Fund

ORTHOPEDIC SURGEON ALAN N. Ertel ‘74 and radiologist Alan A. Diamant ’74 are all too aware of the high cost of medical school education. “It would have been very difficult for us,” said Alan when he had been an award to help us with textbook and housing-our year at medical school,” Ertel recalls thinking to himself.

Over lunch one day they decided to check the alumni directory to see how many of their classmates had become physicians. They found about 20. It struck the two that all 20 together could endow a fund to provide just the kind of award Ertel wished to have been in his day. To do so, they discovered, was very straightforward.

So that the awards could begin as soon as possible, the Medical School Tuition is now between $26,000 and $30,000 per year, a single textbook as much as $400. Ertel and Diamant chose to establish the fund themselves with an initial goal of $10,000, then approach other physicians for contributions. Ertel’s sister, Corrine ’68, a pediatrician, was among the first to chip in. Although the fund has reached the $5,000 mark this year, the first and major goal is in sight.

“We thought a fund would be a way of both recognizing the excellence of our medical school education and encouraging other students in the college to pursue a career in medicine,” says Ertel. “Our hope is that recipients of the award will, in turn, contribute to the fund and keep it growing.”

Meta Winter
Facility in Residence: A Whole New Wing

Kenneth Wing and his wife, Sharon, are part of the support system resident advisors depend on at Cornell dormitories.

WHEN ASSOCIATE DEAN KENNETH E. WING AND HIS WIFE, SHARON, moved over to the university for the day, he is not escaping to his quiet haven in a suburban Ithaca neighborhood. Dean Wing heads for Sperry Hall where he and his wife, Sharon, are the Faculty-in-Residence, one of ten at Cornell.

The Faculty-in-Residence Program offers Cornell students a unique opportunity to get to know faculty on an informal basis. The program also aims to enrich the cultural, social, and intellectual life in the residence halls. Consequently, students move from their comfortable, private, Ithaca home to a residence hall. According to the Wings, it was a luster dinner.

Professor of Rural Sociology Eugene C. Erickson and his wife, Ann, were Faculty-in-Residence in the Class of 22 Residence Hall West Campus. In the fall of 1988, the Wings applied and were accepted as Faculty-in-Residence for the 1989-90 and 1990-91 academic years. The Wings rented their home, and in August 1989, they moved into their new home, a modern apartment in Sperry Hall on West Campus. As an undergraduate, Dean Wing had never lived in a dorm (now referred to as a residence hall), so he was excited to find out what his “dorm experience” through the adventure he was about to embark on.

Not everybody was as excited as Dean and Mrs. Wing. The Wings are quick to point out that their three children all had reservations about their parent’s move. According to the Wings, daughter Debbie ’88, knew first-hand what living in a residence hall was like, and warned her parents. Mrs. Wing recalls Debbie’s words, “You must be crazy!” Also surprised was son Tim, a Bowdoin graduate who warned his parents that they were in for a culture shock. And 17-year-old daughter Nancy who attends school in Connecticut, was mostly concerned about where her cat and her collection of stuffed bears would go. (No pets are allowed in the residence halls.)

Although life is a little different for the Wings as faculty-in-residence at Sperry, it is by no means “crazy.” In the program, the Wings do not act as part of the management system of Sperry or the Class of ’72. They are an advancing residence hall where they also serve as faculty-in-residence and are not involved in discipline of the 400 residents. Instead, they serve mainly as a support system for the students’ resident advisers (R.A.s), and are involved in programming. Some of the programs they have helped to develop include student study breaks, lectures, and slide shows.

Whether it is study breaks, or just talking with one of the 12 R.A.’s in their residence halls, it is the association with students that the Wings enjoy most. “I enjoy the interaction with stu-

College Dedicates Kennedy Hall, New Roberts Hall

KENNEDY AND ROBERTS HALLS ON THE Agriculture Quadrangle were dedicated September 26 in honor of two men whose careers epitomized Cornell’s tradition of pragmatic idealism—Isaac P. Roberts, who became the first dean of agriculture at Cornell in 1888, and W. Keith Kennedy, who became dean of agriculture a century later.

Roberts’ granddaughter, Nancy Roberts Collins, who traveled from Mendocino, California, said, “My grandfather was a builder, a carpenter, a farmer, and above all an idealist. He would be proud of what Cornell has become today.”

Cornell President Frank H. T. Rhodes said Roberts taught all phases of agriculture, from animals to plants to soil to accounting and marketing, and “although they were not listed on the official register, personal philosophy and instruction in good citizenship were given students in hefty doses.”

Roberts moved to California after he retired in 1903 and built a cabin where he wrote Autobiography of a Farm Boy and lived until his death in 1928. The cabin still stands behind the home of his granddaughter, where it has served as a retreat for his grandchildren, great-grandchildren, and great-great-grandchildren.

The president said that Kennedy’s singular contribution to the college and to Cornell goes beyond the buildings built and the administrative problems solved, beyond the research papers published and the credit hours taught.” He cited Kennedy’s “unyielding respect and deep concern” for students and colleagues and described him as a person who is a “careful listener, but willing to speak strongly about his beliefs,” as “a man of integrity, energy and commitment who made Cornell the focus of his efforts and of his love for so many years.”

Kennedy came to Cornell as a graduate student in 1940, received a master’s degree in 1941, and, after military service, a Ph.D. in 1947 from Cornell. He was appointed professor of agronomy in 1949, director of research in 1959, associate dean of agriculture in 1965, vice provost in 1967, dean of agriculture in 1972, and provost in 1978. He retired in 1984 but has continued to serve the university in special assignments, as well as work with a philanthropic organization.

Mrs. Roberts with a painting of Roberts Hall. The new Roberts Hall is the north wing of Academic I, which contains college administrative offices, Cornell Cooperative Extension headquarters, Alumni Affairs and Development, and, on the top floor, the Department of Landscape Architecture.

The honorary guests at the dedication were W. Keith Kennedy and Mrs. Nancy Roberts Collins. Kennedy held leadership positions at Cornell, including president of the Cornell Life Sciences; and Cornell provost. Mrs. Collins is the granddaughter of Isaac P. Roberts; the first dean of the College of Agriculture.

Keith Kennedy holds a painting of his namesake, Kennedy Hall, the south wing of the former Academic I, which houses education and communication departments and the Alumni Auditorium.

Megan E. Shull

The Cornell Countryman

Subscription

(6 issues a year)
A publication produced by students for alumni and friends of the college.

Name _____________________________
College ____________________________
Address ____________________________
City __________________________ State ______ Zip ______
Year ______
CU ID # ____________________________
Telephone __________________________
Check appropriate subscription length:
□ 2 years (Alumni Assn. member) $12
□ 4 years (Alumni Assn. member) $24
□ 2 years (non-member) $15
□ 4 years (non-member) $30
Membership expiration date __________

Make checks payable to Cornell University and mail form to Cornell Countryman, Dept. of Communication, Roberts Hall, Cornell University, Ithaca NY 14853-5001.
Landscape Architects Student Fund

"WHAT WE WANTED to do was establish a tradition," says Craig Verzone, '88, recalling all those discussions among members of the student chapter of the American Society of Landscape Architects. Verzone, then president, and the others tossed around some ideas about how to boost membership and the organization's role in the Landscape Architecture Program. Some type of offbeat fundraising seemed the best way to go. They settled on a phone-a-thon to be held in the auditorium's lobby.

"None of us had ever done anything like before," recalls Verzone. "The first annual alumni phone-a-thon." Quick studies, Verzone and his cadre of student specialists organized the event in less than two months. "We didn't get all the sleep we needed, but that was OK." Letters with a follow-up phone call to 250 alumni and parents of undergraduate students raised $4,300. Twenty-five student volunteers for a repeat performance last spring using a phone list, now including graduate alumni, that resulted in numbers nearly twice as high. Their efforts brought the total of solicited contributions to more than $11,000.

The money is placed in an endowment fund which will produce an income to provide two $250 awards. One will go to an undergraduate chosen by their classmates for "originality, creativity and willingness to help others, and dedication to the field of landscape architecture." The other will go to the graduate student who wins the critical essay contest. Remaining income is used to enhance the department's programs through guest lectures and partnerships, field trips to professional offices and other landscape architecture programs, and attendance at conferences.

"When we call alumni we want them to know we're not just trying to lap into their wallets," says Verzone. "They're in it for another goal. We want to create a closeness between them and the department, to get them more involved."

Soliciting members for the first phone-a-thon and publishing a directory of alumni business addresses and achievements as part of future phone-a-thons, Verzone has marched the fund-raiser's junior and senior year as president and is looking for his successor. Another great Cornell tradition is securely in place.

John Largy ’71
High caller for the Phone-a-thon Spring ’90

UNRESTRICTED DEPARTMENTAL funds—endowment funds established through alumni support within individual departments—don't generate huge amounts of income. Yet the money from these funds makes the difference between a Cornell education and the education a student could get elsewhere, according to James Elliot, chair of the Department of Animal Science.

"Departmental funds provide the extras: the little things that are the things that add immeasurably to a student education that would otherwise be very hard to come by with budgets being what they are," Elliot explains. There are limitations on a department's use of federal and state funds, while departmental funds are tied to the specifics of a proposal. Often departmental funds are the only available source of money to round out a student's education.

The Joe Pendragon Dairy Science Fund was established to do just that. This fund enriches the career preparation of science majors by allowing them experiences not available in a classroom—a visit to the New York State Department of Agriculture and Markets, for a first-hand look at its operation, attendance at the annual meeting of a coop, or a day on a farm doing an in-depth operational analysis.

Because extension experience is a big plus for most jobs in veterinary crops and pomology, income from the Department of Fruit and Vegetable Science—Vegetable Crops Graduate Student Fund pays room and board when a graduate student travels with extension specialists to growers meetings or to establish demonstration plots. There's nothing like getting out and being exposed to extension audiences to understand what the world is all about," says the department's chair, Elmer E. Ewng. "The income from a departmental fund makes this travel possible, as well as other projects to benefit our graduate students."

Sometimes the funds are used to enhance the quality of student life on a day-to-day basis. Income from the Food Science Department's Food Science Development Fund was used to buy new furniture for a study lounge and to purchase computers for students. A few science food science students spend long stretches of time with nothing to do but read their books and other valuable materials," says the department's chair, Richard Ledford, "so the next use of money from the fund is to purchase lockers.

Since departmental funds are unrestricted (though their use is subject to the discretion of the department chair), they afford flexibility in the use of the unrestricted funds. Take the case of the Canadian graduate student attending Food Science and Sociology. He was on a fellowship that lost $5,000 in value because of a drop in the rate of exchange between the British and U.S. currency. He had an excellent fellowship, but in U.S. dollars it was just barely enough to get by," recalls Eugene C. Erickson, who served as chair of the department for ten years. "He was able to use any income he had from the E. Dwight Sando- son, Robert A. Pelton and Olaf F. Larsen Excellence Fund to make up some of the difference. There is no other money in a department's operating budget to re- place to situations like that."

A decade ago Professor of Food Science John E. Bellina originated the idea of unrestricted departmental funds, but the Food Science Development Fund, the first of its kind at Cornell, was an outgrowth through gifts from the department's alumni. "With the budget reductions in recent years, unrestricted funds of this kind have become more and more important," says Ledford. Today, with the growth of the computer age, and books, provide a graduate student with the latest computer software, bring a Nobel Prize winner to campus, or be a promising undergraduate to a science major. Unrestricted, unrestricted departmental funds are another way to help.

For more information on how you can support your own departmental funds, please contact your department chair or Lael Carter, Director of Annual and Planned Giving, Public Affairs, Office of the Dean; phone 607-255-7661.

Unrestricted Departmental Funds

Meteor Winter

Fenton Sands '42, PhD '54

Fenton Sands first went to Africa as an agricultural missionary with the Protestant Episcopal Church. "I wanted to use my skills to help others improve their way of life," he says. Sands was still at age 42 years later when he retired as a consultant for the development and management of agricultural programs for the World Bank.

Although retired he's not done work- ing. Specialists in agricultural and economic development still seek the advice of this man, who spent most of his career in Africa and the Middle East. "Young professionals come with different kinds of questions because they know I've been there. People get curious about doing things, but very often they're baffled about how to go about it. Over the years I found that there's an answer to any problem, if you just may take the time to work it out." It's clearly pleased with the help the phone-a-thon provided, just that. "It's a skill he credits to his Cornell education. "In many of the courses I took, the exams were based on problem solving, and I loved that. So when I was first dumped to the middle of Liberia with nobody but myself, I could sit down and analyze the situation, come up with a solution considering all the factors involved. I've been trained in how to do that and it really worked. It worked there and every-
Broadening the Playing Field in Math and Science

RARELY DOES A DAY GO BY WITHOUT something appearing in an article that decrees the state of public education, particularly the decades of failure in teaching children math and science. Furthermore, there's an ever-increasing number of new immigrants and members of minority groups entering school—children for whom math and science often proves especially difficult.

What's it going to take to equip these future generations of Americans to enter the workforce? For starters, superb math and science teachers, teachers who more than just know their stuff, teachers who know how to teach children from a variety of cultural and economic backgrounds.

Training such teachers is the goal of an innovative new Cornell program, the Teacher Education in Science and Mathematics. Undergraduates from any of the agpud纯e—science—al the way from engineering to physics—are eligible to apply for admission. Typically they enter as juniors. Three years later they have a dual B.S. degree and a Master of Arts in Teaching, which confers eligibility for New York State provisional certification.

"We want our students to become teachers who will enable children, from all backgrounds and regardless of their gender, to learn math and science," says the program's director, Joseph M. D. Berger, and co-director, Susan J. Carlsen, assistant professor of science education in the College of Agriculture and Life Sciences.

Towards this end the program's first tenet is this: To teach you must be able to "climb into the head of the learner." A typical college education doesn't prepare teachers to do so, says Carlsen. "Usually college professors transmit information, and students are expected to receive it with little attention paid to what the student already knows.

"In the public schools this doesn't work very well. So one of the very first things we do to teach our students how to listen. We impress upon them that only once it's clear what the child already knows—and most importantly how the child knows it through their own life experiences and their ethnicity, gender, race and socioeconomic status—do we start teaching. This philosophy goes a step beyond the results-oriented, almost mechanical, fashion in which teaching is often practiced. We teach you to understand the child's thinking process."
One of the early endowments to the College of Agriculture was made by Charles H. Roberts of Oak, N.Y.—"and no apparent relation to the former dean of the college for whom Roberts Hall is named—"for scholarships to rural students. $30,000 in 1866. Liberty Hyde Bailey wrote Roberts, "I'm particularly glad of it. I believe it is the first endowment of its kind for agricultural students." Although many smaller endowments are recorded during the tens and twenties, it wasn't until 1926, some 20 years later, that the Roberts' endowment was surpassed in amount by gifts from Charles Lathrop Pack for a professorship in agronomy.  

The Depression and post-war years brought gifts to the college of nominal size but of great importance to support programs of search in Extension. Hundreds of college alumni have benefited from the 1945. Ladd gift of $107,000.  

Roberts...Pack...Ladd...and hundreds of other alumni and friends who made gifts for endowments back then, were thus present, vision of leadership, and commitment. Of course, there were many others who, our records show, shared in visions with a will to lead and make commitments in support of the college.  

During the period from 1964 to 1967, Dean Pake, Joe King, and Myron Fuerst worked to establish the college's development committee. Events of that time were milestones in establishing the "now" generation of endowment funding. During the last 20 years, the pace of giving by alumni, friends, corporations, and foundations to the college has accelerated. Now we have 42 named endowments, and the overall endowments provide stability. Those gifts to the college with more than $1.5 million annually. Giving to the college from private sources exceeds $16 million per year. Gifts to endowments range in size from several thousand dollars to several million.  

During the last four years, 53 new endowments have been established for a total of $26.6 million. Funds and now is a time when Dean calls attention the impact on the college of restriction in state funding, notes the need for student and faculty support, defines the increasing costs for laboratories and classroom enhancements, and points to renovations needed in nearly every building on this campus, particularly on MANN Library, to ensure that our college remains number one in the country.  

This year, the development committee celebrates with you, alumni and friends, the completion of the ALS Alumni Auditorium and your gifts of over $730,000. We celebrate the establishment of the personal endowment program with over $2.2 million of its $2.7 million goal achieved, including the $1.5 million Bruce F. Failing chair in personal enterprise. We celebrate a $1 million bequest from an alumna who attended "Winter Courses" in 1913, who apparently did not receive a degree, but in his will, established this year a $730,000 endowment for several colleges with a $300,000 trust to come later. [See article on Percy Leon.]  

We celebrate an all-time high in alumni giving from over 2,000 of you and the record of $16.7 million in gifts from private sources and a record endowment close to $32 million. Thank you, alumni and friends, for contributing now to the vision, leadership, and commitment similar to your counterparts back then.  

Last year I shared with your plan for broadening activities within the development committee and expanding its membership base. This year, at the spring reception and recognition dinner for scholarship donors, we acknowledged the many years of leadership of retiring development committee members—David Nagel, Culli Luders, Myron Fuerst, and Joe King. Next year, including myself, John Hoff, Bill O'Connor, and Joe Pendegast will retire from the development committee. As we move toward the 125th anniversary celebration of the college, new leaders are emerging who will carry on the tradition of vision, leadership, and commitment established back then [by early endowments]. They will be seeking your continued support for our great college. I know you will respond generously.
Scenic Prints of Cornell and Ithaca
A Perfect Gift

The college's alumni association is offering 10" x 13" museum-quality, color reproductions of four oil paintings by Victor R. Stopen, professor emeritus of communication. Alumni and faculty members chose the four seasons, as the most memorable of the carпа and larcha campuses.

Send the following:

- Line Slope...Spring Evenings  
  prints at $10 each.
- Beebe Lake Bridge...Summer Night  
  prints at $10 each.
- Taughannock Falls...Winter Awakenings  
  prints at $10 each.
- Cascadilla Gorge...Fall Afternoon  
  prints at $10 each.
- The Four Seasons: Art  
  all prints for $3.75.

- Alumni Assn. members, $30 a set. My membership expires:

Please add $5 for delivery outside continental United States.

To assure prompt delivery, order payable to ALS Alumni Association and mail to ALS Alumni Association, 268 Roberts Hall, Cornell University, Ithaca, NY 14853.

Name
Address
City  
State/Country  
Zip

This is a gift order. Please mail to above individual, and enclose a card reading:

"I am a member of the Cornell alumni association, 
Alumni Association..."

The name is inscribed on the print, possibly with a notation that this is a gift.
Alumni and Friends Celebrate the 25th Anniversary of Shoals

SHOALS MARINE LABORATORY, with all the natural surroundings of beauty and environment, is an inviting place for the study of bird and marine life, as well as its own history. Located a few miles off the southern shore of Maine, Shoals has been the site for hundreds of students to devote full attention to nature's classroom. Shoals is a cooperative program of Cornell University and the University of New Hampshire. On August 21, Cornell alumni and friends gathered on Shoals to celebrate 25 years of learning on the island.

Consumer Concerns Addressed at Two Food Safety Conferences

CONSUMER CONCERNS ABOUT THE safety of the American food supply were addressed at two conferences last spring. The Food Safety Conference for New York State Newspaper, Radio, and Television Journalists was held April 12-13 to promote 'journalists' in-depth coverage of food safety issues. Conducting research is not enough: results must get to the public if families and communities are to make wise personal and public policy decisions, noted Dean David L. Call.

More than 50 print and broadcast journalists attended the event sponsored by the College of Agriculture and Life Sciences, College of Human Ecology, Cornell Cooperative Extension, the Institute of Food Sciences, and the Northeast Farm Communicators Association. The proceedings were videotaped in full by the New York State Cable Access Network for showing to legislators and other public policy officials.

More than 300 members of academia, government, industry, and consumer groups from across the country gathered June 11-13 for the conference on Agricultural Biotechnology: Food Safety and Nutritional Quality for the Consumer. The conference was held to develop recommendations for government policies to effectively use biotechnology to improve food safety and nutritional quality, said Ralph W. F. Hardy, president of the campus-based Royce Thompson Institute for Plant Research and spokesperson for the National Agricultural Biotechnology Council (NARC). The NARC, which is a consortium of the Royce Thompson Institute for Plant Research, Cornell, Iowa State University, the University of California at Davis, and Texas A & M University, sponsored the meeting jointly with the Agricultural Research Institute in Washington, D.C. The NARC was established in 1988 to examine the potential impact of biotechnology on the nation's food and agriculture system and to develop policy recommendations on key national biotechnology issues.

Yong H. Kim

ALS Alumni Convene for Second Annual Reunion at Eastern States Exposition

Scientists Develop Six New Alfalfa Varieties

SIX NEW ALFALFA VARIETIES—EACH capable of withstanding the attack of as many as five crop-killing fungal and bacterial diseases—have been developed by scientists in the college.

New varieties can extend the productive life of alfalfa crops, resulting in several million dollars in profits to growers in the northeastern United States, the scientists said. With about 66 million acres devoted to the crop, the nation annually produces 88 million tons of alfalfa valued at approximately $7 billion.

The new varieties offer protection against several destructive alfalfa diseases, such as Fusarium wilt, Verticillium wilt, Phytophthora root rot, anthracnose, and bacterial wilt. And the varieties can stay productive much longer than susceptible varieties, according to the Cornell team of researchers: Donald R. Vlade, associate professor of plant breeding.

Cornell is one of the leading alfalfa research centers among universities in the nation. Over the past 40 years, Cornell scientists have developed more than a dozen superior alfalfa varieties that have been used widely in the Northeast and in other cool-weather-growing areas. In addition, many Cornell-developed strains have been used throughout the country as breeding materials for developing other commercially useful varieties, according to William Pardee, professor of plant breeding and a field crops specialist.

The newest alfalfa varieties from Cornell are in the forefront of a new wave of alfalfa strains with multiple disease resistance now emerging from breeding programs across the nation," Pardee said. These varieties have the potential to produce high yields of high-quality hay, silage and pasture, because they are able to grow back quickly after each harvest and to remain productive much longer than susceptible varieties, he said. In the Northeast, the alfalfa crop is harvested three times on the average during the growing season, but in California the harvest is more frequent. Vlade perfected the multidisease-resistant varieties over the past several years working with three other Cornell plant breeders: Julie L. Hansen, a research associate, and Carl C. Lowe and Robert H. Murphy, professors emeritus, both in Department of Plant Breeding and Biometry. Four of the newest Cornell varieties—Medallion, Pinnacle, Saber and Victory—made their commercial debut for the first time this spring, with additional seed production expected this year for the 1991 growing season, Vlade said. The two other varieties—Triumph and Eclipse—are scheduled for commercial production in time for the 1991 season.

The Cornell banner flies over the Eastern States administration building as New England ALS alumni and friends gather on the balcony overlooking the exposition grounds.

Yong H. Kim

The Cornell University Agriculture and Life Sciences Newswire/Winter 1990

Host: George Jones (left), President Eastern States Exposition, accepts a gift of Cornell cheese and maple products from Associate Dean Kenneth Wing.

John Brand '55 (left) with Kathleen Fenley Raffelt '59 and William Raffelt '56

Kim Mitchell '89 and Bill Hayes, former president of Eastern States Exposition

George Austin '84 and Elizabeth and Gordon Gowen '50 visit with Associate Dean Kenneth Wing '56 (right).
OF THE NEARLY 300 FUNDS Endowed in Cornell's College of Agriculture and Life Sciences, with the financial needs of undergraduate students. Listed below are these 110 funds, which were established by individuals, estates, or foundations, either as an individual or as support for a special need. Gifts from alumni and friends are welcomed at any time. Checks may be made payable to Cornell University. Donations may be mailed to Agriculture and Life Sciences Development, 272 Roberts Hall.

FINANCIAL AIDS AWARD College of Agriculture and Life Sciences

Morton Adams Fund—Undergraduate students enrolled in the college whose major is animal science, character, scholarship, and record of leadership and service.

Robert H. Adams-6-Memorial Fund—Undergraduate students who are residents of the state of Wisconsin, enrolled in their first year in college, and are former or present 4-H Club members.

College of Agriculture Fund—Undergraduate students transferring from two-year colleges in New York State to Cornell who are awarded a transfer to a two-year college in New York. The transfer is contingent on academic achievement during the year.

Robert L. Alles Fund—Undergraduate students majoring in Animal Science with a special interest in dairy cattle production, nutrition, and management, and who were raised on a farm.

American Gelatines Corporation Fund—Upclassmen who show unexcelled promise in the field of Marketing and Management and who have demonstrated an interest in the dairy cattle processing industry and marketing and business management.

Georgia Amos Morgan Scholarship—Either undergraduate or graduate students who are New York State residents and who are majoring in dairy careers in the dairy industry.

E. Hugh Anderson Fund—Undergraduate students in the college who are making satisfactory progress toward a major in a field of agricultural education.

Arthur Allen Fund—Undergraduate or graduate students from developing countries with an interest in horticulture and to Tad and Carole Allen Fund Marketing, in addition, needy black students from the state of New York, who demonstrate an interest in modern agriculture, including farming, and who are not from a farming family.

Bordenoff Fund—Scholarship assistance to undergraduate students in any class enrolled in the college.

Jane Brudy Fund—Undergraduate students enrolled in any college who are growing up in a rural town and are majoring in animal science.

Brome-Tioga Dairy Cattle A.C.F.D. Fund—Grants are awarded to deserving undergraduate students exhibiting interest in pursuing studies and making professional application of biotechnology practices on the farms of the students enrolled in the College of Agriculture from Brome County, New York and Otsego County, Pennsylvania.

Kurt R. Branndt Fund—Needy and worthy undergraduate students enrolled in the college with preference given to students majoring in animal science.

Thomas R. Boush Memorial Fund—Undergraduate students enrolled in the college whose major is animal science.

Robert E. Ball, M.D. Fund—Undergraduate students from Pennsylvania and Ohio Counties, in New York.

Henry C. Bright Memorial Fund—Undergraduate students majoring in dairy production or the pursuit of a dairy career.

Robert E. Ball Fund—Undergraduate students enrolled in the college primarily interested in fruit growing and prepare themselves for the future agriculture in the Salmon Bay or regions of the country.

Charles R. Edgar Fund—Undergraduate students in any college majoring in agricultural education with aptitude and leadership ability.

Jay Caywood Fund—Undergraduate farm students enrolled in the college with preference given to students from a farm background.

Clyff L. Krohn Scholarship Fund—Undergraduate students who have the area of applied economics and business, as well as their specialization.

David Murray Foundation—Undergraduate students who are employed to become teachers in elementary schools.

R. H. Baumer Memorial Fund—Undergraduate students majoring in the college in a field of agriculture or agriculture.
**ALUMNI NOTES**

by Beth Bennett '91

**Class**

Edward L. Bernays '12 of Cambridge, Massachusetts, continues to garner scholarship contributions to public relations. *Life* magazine recently named him one of the 100 people who most enhanced the 20th century. He also received the Joseph E. Connor Memorial Award at Emerson College and the 1990 Crystal Ball Award for Distinguished Achievement in Public Relations at the 22nd New England Bell Ringer Awards Ceremonies.

**State**

Susan R. Bruster '27 lives in Ithaca and spends most of her winters in Florida. She has 15 grandchildren and 15 great grandchildren. Her specialty is making rag dolls, which she gives to her great-grandchildren and her friends' grandchildren.

Donald B. Saunders '30 of Maplewood, NJ, is a retired New York Telephone employee.


Deane L. Gibson '34, PhD '40 of Okemos, Michigan, retired in 1980 after over 40 years at Michigan State University where he taught sociology, worked with the Agriculture Experiment Station, and spent 13 years as director of MSU's Institute for Community Development.

**Friend**

Raymond DeNapoli '38 of Williamson, NY, is retired as past president of Ag Chem Service Corporation and was the first president of the Pasture Promotion Association.

Donald W. Hammond '39 of Mesa, Arizona, retired from Cooperative Extension in 1974.

Edna R. Schmidt Aakre '39 of Albert Lea, Minnesota, is a retired school teacher.

Fred S. McClaskey '41 of St. Petersburg, Florida, is a retired Cornell Cooperative Extension 4-H agent from Lewis County, N.Y.

Richard A. Stibrish '42 of Union Springs, NY, is a retired agriculture teacher and counselor from Union Springs Central School. He and his wife, the late Sally Merrill HE '42, had one daughter and 2 grandchildren.

Peter B. Simonds '44 of Clearwater, Florida, has retired as a supervising probation officer at the U.S. District Court in Fort Myers, Florida.

Charles L. Norton PhD '44 of Manhattan, KS retired in May, 1988 after being on the Cornell, University of Rhode Island, Oklahoma State and Kansas State faculties.

Howard Smith '49 of Calhoun, NY, retired after 40 years of teaching and working as the town assessor. He is now managing his real estate investments.

Nancy D. DeGreg '50 is an interpretive naturalist and travels throughout North Central Vermont conducting courses in Environmental Education. She is also a substitute science teacher and she serves as Cornell's Admissions Information Contact for her local high schools.

Joan Otto Daunt '53 of Bandera, Texas, is remarried to an Episcopalian minister and raises a small flock of fine wool sheep.

**ALUMNI NOTES**

by Beth Bennett '91

William R. Tite '54 of Locust Valley, NY, retired from Nassau Cooperative Extension in 1987 after 28 years. He recently worked part of the year at Martin Vatte Nursery in nursery sales. Bill chaired the Long Island campaign for seat gifts in the new ALS Alumni Auditorium.

Janice M. Litt '57 of Levittown, NY, has worked in nursing for the past 31 years.

Paul Paffendorf '50 of Ridgwood, NJ, is the regional sales manager for Solvay Animal Health.

James J. Byrnes '63, MBA '64 of Ithaca is the President and CEO of the Tompkins County Trust Company.

Arthur Baderman '65 is farming in Rodman, NY, and works with his local fire department and ambulance squad as an advanced medical technician.

John A. Dyer DVM '66 of Soda, NY, is practicing veterinary medicine, specializing in orthopedics. Other alumni include his wife, the late Joyce Crego HE '65, and daughter Jennifer '90.

Jonathan E. Siegel '66 of NYC is the reunion chair for the 25th Reunion of the Class of 1966.

J. Squire Junger '71, MBA '72, deputy worldwide director for Arthur Anderson and Company, has been transferred from the firm's Los Angeles office. He will coordinate the worldwide operations of the group which provides services to clients involved in the acquisition, development, and management of real estate.

Mark Charlton '74 of Charleston, MD, received his Masters of Divinity from Lancaster (Pa.) Theological Seminary in May 1999.

Barbara M. Ryan '75 of NYC is working in molecular biology at Columbia University. An avid artist, she has exhibited her prints and paintings at several local galleries and at Columbia in the last 5 years.

Margarette Straley '76, DVM '80, owns and operates her own veterinary hospital in Charlotte, North Carolina. She is married and is an active member of the local alumni group.

Suzanne Avena '76 of Smithtown, NY, worked for two gardening publications upon graduation, then moved to Armstrong Nurseries to work in marketing, and then worked for a leading plant broker firm. Now she owns her own broker firm.

Alan R. Knight '77 of Candor, NY, is the editor/publisher of the Candor Ag News Service.

R. Landry Hendrickson '78, DVM '83 of Manhasset, NY, owns and operates his own veterinary practice. Hendrickson was also chosen from 120 of the country's finest lacrosse players to compete in the Lacrosse World Championship. This is the fourth time since 1976 that he has made the U.S. team. The competition, which occurs every four years, was held in Australia in July.

Hope Taylor Scott '81 of Great Falls, Virginia, married T. Michael Scott Eng '81.

Derek W. Adams '81 was recently named vice president and trust officer of the trust-accounting and record keeping department of the Manufacturers Bank of Detroit.

Lisa M. Dietrich '81 of Nassau, NY, is a partner in a five-person veterinary practice.

Timothy S. Artis '83 of College Station, Texas, is doing graduate studies in biochemistry at Texas A&M University.

Donald Schaffer '83 of Freehold, NJ, has joined Rutgers University as the extension specialist in food science. Schaffer will develop short courses and coordinate the dissemination of information concerning food technology to food processors in New Jersey.

Barbara L. Simpson '83 of Princeton, NJ, is working as an environmental consultant.

Kathie Butler Ryan '84 and her husband Scott have recently purchased a farm in Onida County and are now full-time dairy farmers.

Dwight Tanner '84 of Elmira, NY, works on his family's Holstein farm. His wife Laura Isabel Tanner '84 works part time on the farm and as a chemistry teacher. They have two children.

Jillian M. Mastey '86 of Chesterfield, MD, is attending Logan College of Chiropractic and expects her degree in April 1991.

Larry VanDeVelk '87 received his MAT in December of 1989 and is now teaching in the Engineering Department at the State University of New York's Cobleskill College.

Lisa Rgl '87 of NYC is a legal assistant with Debevoise & Plimpton.

Richard Reid '88 of Palmry, NY, is a second year vet student at Cornell.

Jeff Matteino '88 of Houston, Texas, is working for the M.D. Anderson Cancer Center in Houston as assistant manager for the faculty club & catering. He was married on August 11, 1990.

Nicole Avital '88 of NYC is completing an M.A. in Social Work toward a PhD in molecular biology and immunology at Columbia University.

Tracy L. Keller '88 of Owego, NY, has joined Columbia Mutual Life Insurance Co. as a marketing specialist. She will be marrying Cornellian Philip Wales '86 this October in Cornell's Sage Chapel.

Edward Koronowski '89 has entered the School of Veterinary Medicine at Mississippi State University as a member of the class of 1994.

Shawn Bessard '89 of Newark, NY, is involved with his family's farm and works as an independent consultant for Consul Agriculture Inc.

Shane G. Methal '90 of East Rockaway, NY, has been studying at the University of Maryland School of Dentistry.

**College Alumni Association**

Now is the time to join 6,100 other alumni of the College of Agriculture and Life Sciences.

- Name ____________________________
- Student ID Number __________
- Home Address:
  - City ____________________________
  - State ____________________________
  - Zip __________
  - County ____________________________
- Business Title or Occupation __________
- Telephone Number ____________________________
- Telephone Number ____________________________
- Home Address ____________________________
- Biographical Notes ____________________________

The signature sheet of paper if necessary.

**Suggestions for college alumni activities:**

- **Dues:**
  - 2-year membership at $20 * Spouse at $14*
  - 4-year membership at $36 * Spouse at $25*

- **Lifetime Membership at $250 * Spouse at $175**
  - First installment on my Lifetime Membership at $90 a year for 3 years*
  - First installment on my spouse's Lifetime Membership at $60 a year for 3 years*

* Dues are due for joint memberships only.
  - Non-alumnus Faculty/Staff __ Non-alumnus Spouse __ Friend __

Please make your check payable to ALS Alumni Association.

Mail to: Office of Alumni Affairs and Development
208 Roberts Hall, College of Agriculture and Life Sciences, Cornell University, Ithaca, NY 14853

Join by December 31 to be included in the April 1991 roster issue.
THE YOUNG ALUMNI SECTION

Questions asked of young alumni:
What do you consider your most valuable course at Cornell and why?
Once you left Cornell, were there any courses or areas of study you wish you went into?
Where might we find you on a free Saturday?

Jessica Ettinger '87
Manager of Entertainment Programming
ABC Radio Networks
Air Personality
WNYT FM
New York, New York

Most valuable class. A three hour weekly seminar on South African politics, in the Africana Studies Department. It was a weekly course and it was great! I still use that information today in my life, in understanding the news and the world around me. It was one of the best things I ever did. I now have a better understanding of what is going on in the world today.

Studies you wish you had. I wish I learned more about business and management. Once I left Cornell I did more business and management reading then while I was there. In the job world everyone has a basic understanding of business, management, and I didn’t. So, there was some required reading that I forced myself to do in order to be on the level with people at the network. The books I read included In Search of Excellence. What They Don’t Teach You at Harvard Business School, Positioning: The Battle for Your Mind, Swim with the Sharks without Being Eaten, and Megatrends. Those were five very important books that I could not exist in the New York business world without.

Find you on Saturday. I usually hit a show with some record company people and then am usually on the air late at night.

Xavier Washington '89
Ag Economics
Manager of Corporate Poolstock
Sex Fifth Avenue
New York, New York

Most valuable class. In terms of career, my most important class would be finance. Also anything that taught me about computers, including learning about the fundamentals of spreadsheets such as Lotus. That is very valuable in the workplace.

Studies you wish you had. One thing I really regret not doing at Cornell is a study-abroad program. I would also have enjoyed taking some more humanities courses.

Find you on Saturday. Depending on the time of year and the temperature, in summer I’d probably be hanging out in Greenwich Village and hit the dance clubs at night. In fall, I’d stop at Central Park and watch the leaves change color. Winter you will find me at home staying warm and reading a story epic. Come spring I enjoy light jogging. (Xavier is a former Cornell track star.)

Pure Adirondack Maple Syrup

Ulhlein Sugar Maple Research-Extension Field Station
Lake Placid, N.Y. 12946
1 Quart (32 fl. oz.) 9.45 L

Cornell Maple Syrup

A unique gift

The college’s Department of Natural Resources can ship Cornell-brand maple syrup in "mailable" plastic jugs anywhere in the United States. Each jug carries the label reproduced above, which indicates the syrup’s production in Lake Placid.

Pure Cornell maple syrup is produced at the Ulhlein Sugar Maple Research-Extension Field Station in the Adirondack Mountains. Sales support sugar maple research and extension.

You or alumni you know can order maple syrup at these prices:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price by Zip Code Prefix</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>01 to 90</td>
</tr>
<tr>
<td>Pint</td>
<td>8.90</td>
</tr>
<tr>
<td>Quart</td>
<td>13.20</td>
</tr>
<tr>
<td>Half-gallon</td>
<td>20.90</td>
</tr>
<tr>
<td>Gallon</td>
<td>35.70</td>
</tr>
</tbody>
</table>

Contact Lewis J. Staats, Ulhlein Sugar and Maple Field Station, Bear Cub Rd, Lake Placid NY 12946. Phone, 518-523-9337.

Karlie Lee '87
Ag Economics, minor Communications
Assistant Director of Admissions
School of Engineering and Applied Science
Columbia University
New York, New York

Most valuable class. Writing in the Social Sciences was the best course I took at Cornell. I felt that the instructor, Sidney Stikin, was an excellent writing instructor and a precise and sensitive writer. The course really taught me how to analyze different pieces of writing. And it was excellent in developing observation and analytical skills. It taught me how to appreciate different styles of writing and how that effect one’s communications abilities. I really enjoyed it.

Studies you wish you had. I would have loved to take Psychology 101, a philosophy course, flower arrangement, linguistics, Writing in the Humanities, and a history course.

Find you on Saturday. You can find me lounging around Central Park or exploring New York City. I also love farms, tending a garden, farm animals, spending time with friends. I look forward to learning how to hang-gliding.

Dan Fensenden '87
Ag Economics
Legislative Coordinator
Republican Steering Committee
N.Y. State Assembly
Chairman, Assemblyman
Richard Coombe (64) Guyagaga County, New York

Most valuable class. I found combining class room education with my three internships during my four years was a perfect way for me to round out my education. They prepared me well for my career.

Studies you wish you had. As much as I tried to take courses in many different areas of study, I recognize now Cornell’s diversity can never be fully explored in four years.

Find you on Saturday. I enjoy farming or hunting depending on the time of the year.

Ellie Fisher '88
Ag Economics
Cost Specialist
General Electric Company
Lighting Business Group
East Cleveland, Ohio

Most valuable class. All my classes were important, but the things that helped me most were the opportunities to interact with many different people from diverse backgrounds. Interacting with others is an extremely important aspect of my job, as is the ability to act as a team player. My experience as a student adviser for student services, and as student employee coordinator for the Campus Store, gave me an excellent chance to serve in a counselor capacity and an avenue to meet different types of people in different situations.

Studies you wish you had. I would love to have taken Spanish, because in today’s global market you need to know at least one foreign language. I would choose Spanish, because that culture is intriguing to me.

Find you on Saturday. Going out with friends or traveling to visit friends.

Moving?

Stay in touch with your alma mater through uninterrupted delivery of Agriculture & Life Sciences News by returning the change-of-address form below.

Mail to Office of Alumni Affairs and Development, 268 Roberts Hall, College of Agriculture and Life Sciences, Cornell University, Ithaca, New York 14853-5901.

Name __________________________ Class Year ____________

□ Alumni? □ Faculty? □ Friend? I.D. __________________________

Former Address __________________________

New Address __________________________

Phone (Home) __________________________ (Office) __________________________

Occupation __________________________

Personal News __________________________

(Use separate sheet of paper if necessary)
**Calendar 1990**

**November 23**
ALS Alumni Leadership Team meeting.
San Diego, Calif. Judy Cox '61 Coordinator.

**November 29**
ALS Alumni Leadership Team meeting.
Riverside/LA area. Robin Margulies '84 area captain.

**December 24-January 2**
Cornell offices closed. ALS Development phones will be answered.

**January 31**

**April 5-6**
ALS Alumni Association Committee meetings and Board meeting Noon-Noon.
Roberts Hall.

**April 18**

**May 2-3**
College Advisory Committee Meeting.
Ithaca.

**May 20**
Graduation. ALS family reception.

**May 29-June 2**
National Agricultural Alumni and Development Conference. Louisville, Ky.

**June 8-9**
Alumni reunion weekend.

**June 7**
ALS Alumni Board Meeting.

**June 8**
ALS Reunion breakfast and annual meeting of the ALS Alumni Association.

---

Edgarson Teaching Award recipients were recognized during the June ALS Alumni Reunion Breakfast. The award was established in 1990 to recognize outstanding teaching among faculty in the College of Agriculture and Life Sciences. From left, back row, Professors Robert Bower, Richard Warner, Russell Martin, and Kenneth Habben. Front row, Mrs. Edith Edgarson, Louis Edgarson, Richard Agin (1990 recipient), John Seelye, and William Kelly.

---

**Cornell Launches Campaign to Raise $1.25 Billion**

"We are a university of unusual merit: resilient, mature, distinguished in what we have already achieved, and secure in our sense of what we are. Most important, we are an institution that is confident, forward-looking, and expansive in its outlook as we seek to create and shape the future, not simply for Cornell, but for the nation and the world."

President Rhodes meets with volunteer at the beginning of the capital campaign.

---

**$100 Million Would Go to ALS**

"The campaign we are embarking on now is essential if we are to maintain the level of excellence expected of our college. A permanent base of support is a must if we are to have the flexibility to move into new areas, to experiment, to take risks, to stay in the forefront."

President Rhodes meets with volunteer at the beginning of the capital campaign.

---

**College Scientist Creates Cold Fusion Archive**

IN THE SPRING OF 1989, ONE TIME science writer Bruce V. Lewenstein was teaching a graduate seminar in the Department of Communication on techniques used in studying the way the press covers science. The evening of March 23, a remarkable thing happened: Dan Rather led the CBS Evening News with a report on two chemists who claimed they had found a way to create fusion... at room temperature... in a test tube. Here was the hottest science story to break since Lewenstein, an assistant professor of communication, had come to teach the department's science communication specialty. For, if the claims of R. Stanley Pons and Martin Fleischmann were true, these women had found the fundamental answer to the world's energy problems. What's more, cold fusion, as the process came to be known, would bring an end to acid rain, global warming, and a host of other environmental problems that are caused by the current practice of burning fossil fuels. Pons and Fleischmann's announcement touched off what Lewenstein calls a "media circus." Day after day, television, radio, and newspapers bombarded the

---

**ON THE INSIDE**

| 1 | Teacher Education in Science and Mathematics |
| 2 | New Alumni Varieties |
| 3 | 1989-90 Donor Roster |
| 4 | Young Alumni Section |
| 5 | 11 |
| 6 | 15 |

(Continued on page 2)