

AGRICULTURE & LIFE SCIENCES NEWS

For Alumni and Friends of the College of Agriculture and Life Sciences

Winter 1990

Cornell Launches Campaign to Raise \$1.25 Billion



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

"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."

Frank H. T. Rhodes
President
Cornell University

\$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."



David L. Call '54
Dean
College of Agriculture
and Life Sciences

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

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Winter 1990

\$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 re-endow 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 extend the university globally while 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 \$823 million was eleventh among all universities (Harvard was first at \$4.5 billion), fifth in the Ivy League, and a distant 79th 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 on to play. The secret of Cornell is its continuing commitment to three basic values—discovery, leadership through excellence, and service."

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 alumni 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:

- "We exist to service our students.
- "Our people are the foundation of our strength.
- "Our campus community is distinguished by involvement, cooperation, civility, and trust.
- "We are creative and responsible stewards of our resources.
- "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 students and 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 1988, a series of cuts required by state revenue shortfalls has meant reductions of nearly \$6 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 research-based knowledge. Of this total, \$37 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 serious decay, requiring massive microfilming, digitizing, and repair efforts.

The College's Role in the Capital Campaign



Dean Call

ALTHOUGH THE College of Agriculture and Life Sciences receives continuing support from the State of New York, it will nevertheless be a fully active participant in the university's \$1.25 billion capital campaign,

according to David L. Call, dean of the college. The college expects to raise \$100 million during the five-year fund-raising effort.

"Our ambitions have always been greater than the funds available from state sources," Call said in an interview. "Using private support to leverage, or maximize the effectiveness of, state dollars is what makes the College of Agriculture and Life Sciences stand out among its peer institutions. We can have depth and breadth to our programs, we can serve the people of the state, the nation, and the world only because we are based on a public-private partnership."

Currently, the college derives about 40 percent of its budget from the state. This money provides basic core support for faculty salaries. But the amount of public funding rises or falls each year according to the state's economic circumstances. For this reason, the thrust of the capital campaign is to increase the college's endowment—a pool of funds that are not spent, but are invested so as to generate a stable, long-term, permanent source of capital for the future.

Call cited a long history of success in establishing endowment funds through the generosity of alumni, friends, corporations, and foundations. "The college now has nearly 300 endowed funds that provide \$1.5 million a year to support student activities," he said. Among these funds are the Stanley W. Warren Teaching Fund, currently valued at just over \$375,000, from which the income is used to aid students in farm and business management studies.

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Alumnus Attends Cornell One Semester; Leaves \$1 Million



College benefactor A. Percy Leon and Marion Leon

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 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 \$70,000 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 benefiting 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 football team during his one semester of study here.

Lt. General Oren E. Huribut, a very close friend since the early 1940s, recalls Leon as an agricultural commodity broker 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 Leons; the Personal Enterprise Program, and the Marion A. and A. Percy Leon Fund for graduate students.◆

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 that link scientists around the globe. Pons and Fleischmann's claim was of special interest to physicists, chemists, material scientists, and nuclear engineers because, like nuclear fission (the power behind the atomic bomb), cold fusion 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.

Lewenstein had access to both the mainstream press coverage and the electronic communication of scientists through his contacts among journalists 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 controversial 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," it now contains more than 1,000 mass media stories (including newspaper, magazine, and technical journal articles and radio and TV tapes), 6,000 pages of electronic communication (printouts of computer bulletin board messages and letters sent by electronic mail), and 50 taped interviews with scientists, research administrators, and journalists who covered the story.

In addition there are 75 cartoons, T-shirts, bumper stickers and a Ford Motor Company ad comparing cold fusion to their Taurus SHO sedan. Then there is what is called ephemeral materials: highly prized copies of scientist's notes and overhead slides from impromptu seminars, original data sheets from attempts to replicate Pons and Fleischmann's original experiment, and even a university's public safety department memo cautioning scientists about the safety factors to keep in mind when trying to do so.

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 scholars, historians, sociologists, and philosophers of science to better understand how science is conducted in this country, and what role the media plays in the relationship between science and society.

"Doing so is particularly relevant to CALS because so many of our fields are applied sciences. And, in this society, science is almost entirely supported by public money. It sounds trite, but if you believe in our modern democratic society then the public needs to know what it's supporting."

Lewenstein maintains that it is critical for the public to understand that science is conducted in a social context, that is it is not purely a rational exploration of nature, but rather a major 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 it, in addition to the interactions between scientists and other aspects of our society.

"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 politics and funding of science, about big and little 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 today is carried out very differently than it was only 20 years ago. In the case of cold fusion, was science distorted by science by press conference, science by fax, science by electronic mail? Is this emblematic of how science will be conducted in the next decade? And if so, was it good for science in the long run, or was it bad? Cold fusion is the perfect case study for answering such a question."

From the outset, creating the Cornell Cold Fusion Archive was a collaborative effort among its co-directors: Lewenstein, Indiana University sociologist Thomas Gieryn, and information scientist William Dougan '87 (Johnson School of Management), a postdoctoral associate at the University of California at Los Angeles.

Getting the project off the ground quickly was essential since ephemeral material, in particular, disappears rapidly. (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 this unique archive possible. "Members of our advisory committee came from the Program in the History and Philosophy of Science and Technology based in the College of Arts and Sciences, the NSF grant came through the cross-college Program on Science, Technology and Society (Lewenstein is affiliated with both organizations), and the collection will be housed in Manuscripts and University Archives in Olin Library. This kind of interaction across disciplinary boundaries can't be done at a lot of other institutions, and it's wonderful."

The question Lewenstein gets asked the most is: "Is cold fusion true?" 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)

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 range of unique problems and decisions faced by owners of small businesses.

Endowment funds have also been established for scholarship and financial aid. The college now has 110 funds worth \$5.6 million that provide scholarships for undergraduates and graduate students; 34 funds 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 made it possible for the college 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, emerging areas of the environment and the globalization of agriculture. Teaching will also be supported through classroom and laboratory renovation and by purchasing computer and other scientific teaching equipment.

Endowment funds will also be directed toward undergraduate financial aid. "The college now has the highest in-state tuition of any college of agriculture in the country," Call pointed out. "What drives tuition higher is the rising cost of financial aid. So the only way we can hold down the rate of tuition increases—which we want to do—is to replace tuition dollars with dollars from other sources, such as an endowment."

Support for graduate student fellowships 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."

Faculty from 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 faculty support and research 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

servicing 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 information, know-how, and knowledge through new technologies—such as by providing farmers, businesses and local governments with 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 activities 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-identified problems.

On the international front, the recent gift of \$7.5 million to establish the Cornell International Institute for Food, Agriculture and Development (CIIFAD) enables the college to be ever more effective in helping less-developed countries boost their standards of living through agricultural and rural development.

"We want new endowment funds to build on CIIFAD so we can use the knowledge base of this campus to benefit the world—particularly those areas where food, hunger, and malnutrition are chronic problems," Call said.

The Dean noted that one of the major strengths of the college is Mann Library, which he described as "the finest academic library in support of agriculture and life sciences in the country."

"Mann Library became outstanding because we built on the funding base provided by the state and we must continue to do that," he said. With state money now committed to a major renovation 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 capital campaign looks to creating the future. "On the college level this means creating human capital," Call said. "We're creating human capital through education and by generating new knowledge and transmitting that knowledge to the people of the nation and the world. This is what we've done best ever since we were founded. It's what we want to continue to do even better in the future." ♦

Metta Winter

FUSION! Is it CHEMISTRY or PHYSICS? A CHEMIST and a PHYSICIST DECIDE TO SETTLE THE QUESTION FOR GOOD!



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Dean
David L. Call

Associate Dean
Kenneth E. Wing

Assistant Dean for Public Affairs
William G. Boldt

Executive Editor
John C. Sterling (Director of Alumni Affairs)

Editor
James P. Titus

Writer
Metta Winter

Designer
Dennis F. Kulis

Production Coordinator
Donna S. Vantine

Photographers
Chris Hildreth
David Lynch-Benjamin
Tim Moersh
John C. Sterling
Kelly Smith

Contributing Writers
Yong H. Kim

Editorial Assistant
Jeanne Astor

Student Writer
Beth Bennett '91

Correspondence should be addressed to John Sterling, Alumni Affairs, 265 Roberts Hall, Cornell University, Ithaca, NY 14853.

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College of Agriculture and Life Sciences Leaders for the Capital Campaign



John Dyson '65

"If the college is 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.

"While the College of Agriculture and Life Sciences is supported by the State of New York, the state's funding has steadily declined over recent years from 78 percent to 40 percent of the budget. I am spending my time and giving of my resources to keep it the best. All alumni and friends of the college need to pitch in to keep it the best. Remember: We Grow the Ivy!"



Esther Schiff Bondareff '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 only the best?"

"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 dues, and it's lots of fun to participate in fund raising.

"There's an esprit among Cornell alumni that's unbelievable. No other school has that Cornell spirit. Cornellians stick together and help one another, and that's a wonderful feeling. One of the biggest satisfactions we can get is giving to Cornell.

"Do we want Cornell to remain one of the top universities? Do we want students graduating from Cornell to be recognized? Do we still want to give our children a good college education? If we want these things, we have to support the university, we have to give back what we as alums have taken away."



Ronald P. Lynch '58

"By most measurements, I have been very successful. I've been very lucky, but the best part of my luck was going to Cornell. What I got out of going to Cornell has been enormous. When we've been lucky enough to be successful, we owe the community to put something back. So I give my time as a way of repaying Cornell for what it gave me.

"But the benefit of doing so is far more than just helping Cornell. The benefit comes back to the volunteer. The people I have met in the course of the last 18

years of working on Cornell projects have been terrific. They are the doors.

"The university needs to have a capital campaign. If you want to be a pre-eminent institution as Cornell is, you can't sit still. We've come to the conclusion at the university that we're about the right size, so our emphasis should be to upgrade the quality. The campaign, with its focus on raising endowment money, helps this in several ways—controlling the rise of tuition; providing scholarship money; and giving Cornell the resources to attract the very best teaching and research talent. We're concentrating on money not for bricks and mortar. The highest achievable level of quality is our goal."



Jane Longley-Cook '69

"So often I hear women say: 'My husband went to... and we give to his school.' I want to say to them, 'You are an individual, too. Why don't you consider giving

something to your school?' What the college has given to us, whether we've worked outside the home or not, has been so important. It prepared us for life, intellectually and socially. It made us the persons we are today, and we need to show our appreciation. One way to do that is by writing a check.

"I do feel very loyal to the College of Agriculture and Life Sciences because it has done so much for me. I want to do something for it. I want to enable

other people to experience what I did. To do this we've got to keep it a top-notch university. And to do that we need money.

"To keep anything going in this world—families, churches, universities, governments—we need money. A lot of people complain about the cost of higher education, but few complain about the cost of a big television or a fancy car. A Cornell education is so much more valuable, it's something that is with you forever. A good education is what makes for a happy and fulfilling life.

"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. I think it's important to have an active appreciation for what we got."



Glenn T. Dallas '58

"My wife is a '58 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 Club activities.

"We are proud of being associated with Cornell. Because Cornell has meant so much to us, we believe we should give 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, not only because of the high cost of education but also because there is less money available from state and federal governmental sources. When I was on campus, 90 percent of our college support came from the state; today it's less than 50 percent. More money is going to have to come from foundations, businesses, and individuals.

"It's easy to support the college when it's been the top agriculture college in the United States (by vote of other agriculture professors) for the last four or five years. We need to stay there. To remain at the top, the college needs financial support from all of its alumni.

"There's a lot of pride that comes from knowing Cornell is strong, continues to grow, is a leader in education and research, and has taken a prominent role among American universities."

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 to support 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 2,300 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 endowment's value may be exaggerated is not only because its principal is untouchable, 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 from a million-dollar gift to endow a faculty chair were spent each year, the holder of that chair 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's is one of only nine above \$750 million. But the ultimate value of endowment—supporting and stabilizing academic programs—is more properly measured by the dollars it provides on a per-stu-

dent basis. In 1988-89 Cornell ranked 79th among independent institutions.

After subtracting all students enrolled in the state-supported colleges, where New York state allocations act 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 will place a high priority on building endowment, not only for professorships and department 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, graduate and undergraduate support, and program support.

Endowment can provide more than stability. When sufficiently robust, it also can make a difference in the quality of programs.

A Princeton official recently was asked by a *Newsweek* editor why Princeton's and another leading university's tuitions are so similar even though Princeton's endowment is many times larger. He responded that the larger endowment allows 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 to supervise 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



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 first chair of the ALS Development Committee. He was a university trustee.

In his honor, the Friends of Joe King Scholarship Fund was established in the College of Agriculture and Life Sciences, and his family asks that remembrances be made to this fund through the Office of Development, College of Agriculture and Life Sciences, 272 Roberts Hall.

Our thoughts are with Ethel King and her family during this difficult time. The college, its students, its alumni and Cornell have lost a great friend.

Ertel-Diamant Pre-Medical Student Fund

ORTHOPEDIC SURGEON ALAN N. Ertel '74 and radiologist Morris A. Diamant '74 are all too aware of the high cost of a medical school education. "It would have been lovely if, in 1974, there had been an award to help us with textbooks or tuition during our first year of medical school," Ertel recalls thinking to himself.

Over brunch 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 had been there in his day. To do so, they discovered, was very straightforward.

So that the awards could begin as soon as possible (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, Corinne '68, a pediatrician, was among the first to chip in. Although the fund is only a year old, if it reaches the \$5,000 mark this year, the first award can be given in the spring.

"We thought a fund would be a way of both recognizing the excellence of our Cornell educations and encouraging students in the college to pursue a career in medicine," says Ertel. "Our hope is that recipients of the award will, in their turn, contribute to the fund and keep it growing." ♦

Metta Winter

Faculty in Residence: A Whole New Wing



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

WHEN ASSOCIATE DEAN KENNETH E. Wing '58 leaves his Roberts Hall office 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.

What made the Wings make the move from their comfortable, private, Ithaca home to a residence hall? According to the Wings, it was a lobster dinner.

Professor of Rural Sociology Eugene C. Erickson and his wife, Ann, were Faculty-in-Residence in the Class of '22 Residence Hall on West Campus. In the fall of 1988, the Ericksons had the Wings over for a lobsterfest at Noyes Dining Hall. It didn't take much more than seeing the residence hall apartment and the friendly and caring atmosphere to convince the Wings. Later in the fall of '88, 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 moved into their new abode, a modern apartment in Sperry Hall on West Campus. As an undergraduate at Cornell, Dean Wing had never lived in a dorm (now referred to as a residence hall), so he was excited to finally get his "dorm experience" through the adventure he was about to embark upon.

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 Krista, 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 '17 Hall, (an adjacent 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 been responsible for in the past year include study breaks, lectures, and slide shows.

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

dents who just drop in," says Mrs. Wing. Whether it's borrowing a cup of flour, or getting help on school work, the Wings enjoy assisting the residents. Dean Wing, who earned a master's degree in education and a Ph.D. in agricultural economics, both from Cornell, may be found helping a student in accounting or in choosing a major. He also enjoys the diversity. "Before we moved here, I was only exposed to ALS students," comments Wing. "Now I have much more interaction with students from all the colleges and schools at Cornell."

Wing also points out another contrast he enjoys: seeing students where they live as well as where he works. "To see the life of a student where they live is most enlightening," says Wing.

Noise levels are reduced by self-imposed study hours set by the residents in each residence hall in the beginning of the year. In Sperry Hall, the Wings have no problems, as the study hours are from 9:00 pm to 8:00 am Sunday night through Thursday morning. "Students are not really as bad (in terms of noise and rowdiness) as I thought they would be," Mrs. Wing says.

When the students or R.A.s take a break from studying they may be found at one of the programs the Wings sponsor. This year the Wings had a pumpkin carving contest on Halloween, where they supplied 25 pumpkins for the residents of one floor for a study break. Another event was the Magic Lantern Show. Dean Wing saw the show at ALSapades and then decided to bring it to Sperry. The program included University Archivist and Professor Emeritus of Rural Sociology Gould Colman showing slides and talking about the "Old Cornell." The Wings also eat dinner at Noyes Dining Hall several times a week. Since they serve as a support system for the R.A.s, they often invite them to their Sperry apartment for dinner, birthday parties, chili or lasagna parties, or just to talk.

Spending time getting to know the Wings is a popular thing to do for many of the Sperry Hall and Class of '17 residents. As Julie Pearlman '91, an R.A. in Sperry says, "I look forward to being able to just come in and talk with them. It's like having another Mom and Dad at school."

Both faculty and residents seem to be benefiting from the goals of the Faculty-in-Residence Program. But what happens when all three kids come home for the holidays to the two-bedroom apartment? And whatever happened to the cat? The Wings say they have managed to squeeze everyone in, and the cat is living at a bed and breakfast inn owned by friends.

Do the Wings miss anything by living in the residence hall? "I sometimes miss taking care of my lawn," says Dean Wing, "but our highly positive experience as 'freshmen' on west campus more than makes up for that! We look forward to being 'sophomores' among a new class of freshmen." ♦

Megan E. Shull

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's granddaughter, Nancy Roberts Collins, who traveled her from Menlo Park, California, said, "My grandfather was a builder, a carpenter, a farmer, and above all an idealist. He would be so 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 "unfailing 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. ♦

Martin B. Stiles



The honored guests at the dedication were W. Keith Kennedy and Mrs. Nancy Roberts Collins. Kennedy held many leadership positions at Cornell, including professor of agronomy, dean of the College of Agriculture and Life Sciences, and Cornell provost. Mrs. Collins is the grandfather 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 communications departments and the Alumni Auditorium.



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.

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ALUMNI HEADED SOUTH FOR THE WINTER? NORTH FOR THE SUMMER?

To help those alumni who spend six months in the north and six months in the south, the College Alumni Affairs and Development Office will implement a system for automatic transfer of addresses in October and May (only those months) as one step to help in the delivery of mail. If you would like to be on the automatic transfer dates, please send us the coupon below.

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Alumni Auditorium Nameplates to Be Replaced

The original nameplates installed on the 602 seats in alumni auditorium will be replaced with higher quality plaques. The plates were first installed for the auditorium's October 6, 1989 dedica-

tion in honor of alumni and friends of the college. Improvement of the display of donor plates outside Alumni Auditorium is also being considered. ♦



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 it 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 working. 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 lots of 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 is an answer to any problem, it just may take you awhile to work it out."

He's clearly pleased to help others do 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 in 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'd been trained in how to do that and it really worked. It worked there and every-

where else I went. And still works today."

Sands, a child of Bahamian immigrants, had never seen a coffee or cocoa or palm oil tree until he went to Africa, but he knew trees all right, he'd been observing them since his boyhood in New York City.

"The New York of today isn't what it was like in the '30s. We lived across the street from a beautiful park. I used to sit at my window, fascinated by watching how the different trees would come into bud and drop their leaves at different times, and I wondered about how this happened. It was something that captivated me and I followed through with it."

Sands served as a squadron lead navigator with the famed Tuskegee Army Airfield during World War II. After the war, he spent five years in Liberia as an agricultural missionary, returned here for a PhD in pomology and soils, then went back to Liberia to organize the school of agriculture. He became its director and a vice president of Cuttington College, which was sponsored by the Protestant Episcopal Church.

Later Sands would design and supervise the financing and implementation of new agricultural programs in countries as diverse as Vietnam, Peru, Afghanistan, Nigeria, the Sudan, and the Virgin Islands for the U.S. Agency for International Development, the Ford Foundation, the World Bank, the College of the Virgin Islands and for private investment companies.

"I wouldn't trade my experiences, especially those in the field, for anything," he says. "It was rewarding seeing plants grow where nothing of value had grown before, participating in harvest ceremonies, and having farmers reap economic benefits from their soils. It was just wonderful!" ♦

Metta Winter

Landscape Architects Student Fund



Craig Verzone '90
President ASLA
1988-89

"WHAT WE WANTED to do was establish a tradition," says Craig P. Verzone '90, 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 increase the organization's role in the Landscape Architecture Program. Some type of fund raising seemed the best way to go. They settled on a phone-a-thon to be held in May 1989.

"None of us had ever done anything like it before," recalls Verzone of the first annual alumni phone-a-thon. Quick studies, Verzone and his cadre of student volunteers 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 \$4,200. Twenty-five students volunteered for a repeat performance last spring using a phone list, now including graduate alumni, that numbers nearly 700. Their efforts brought the total of solicited contributions to more than \$11,000.



John Lucy '91
High caller for
both nights in
Spring '89



Paula Horrigan
Assistant
Professor
MLA 1986

The money is placed in an endowment fund which generates income to provide two \$250 awards. One award goes to an undergraduate chosen by their classmates for "spirit, integrity, willingness to help others, and dedication to the field of landscape architecture." The other will go

to the graduate student winner of a critical essay contest. Remaining income is used to enhance the department's program through guest lectures and professorships, field trips to professional offices and other landscape architecture programs, and attendance at professional meetings.

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

Soliciting members for an alumni council and publishing a directory of alumni business addresses are planned as part of future phone-a-thons. Verzone, who chaired the fund-raiser his junior and senior years, has groomed his successor. Another great Cornell tradition is securely launched. ♦

Metta Winter

Unrestricted Departmental Funds

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 J. Murray Elliot, chair of the Department of Animal Science.

"Departmental funds provide the extras, the little things, the nice things that add immeasurably to a student's 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 grant 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 Pendergast Dairy Science Fund** was established to do just that. This fund enriches the career preparation of animal science majors by affording 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 co-op, or a day on a farm doing an in-depth operational analysis.

Because extension experience is a big plus for most jobs in vegetable crops and pomology, income from the Department of Fruit and Vegetable Science's **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. Ewing. "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 De-**

velopment Fund was used to buy new furniture for a study lounge and to purchase computers for student use. "Food science students spend long stretches of time on campus with no place to put their books and other valuables," 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 (their income can be tapped at the discretion of the department chair), they afford flexibility in meeting the unexpected needs of students. Take the case of the Canadian graduate student in the Department of Rural Sociology. He was on a fellowship that lost \$5,000 in value because of a drop in the rate of exchange between Canadian 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. "Luckily we had income from the **E. Dwight Sanderson, Robert A. Polson and Olaf F. Larson Excellence Fund** to make up some of the difference. There is no other money in a department's operating budget to respond to situations like this."

A decade ago Professor of Food Science John E. Kinsella originated the idea of unrestricted departmental funds, but the **Food Science Development Fund**, the first of its kind in the college, came to be through gifts from the department's alumni. "With the budget reductions we've experienced over the years, this kind of fund has become more and more important," says Ledford. Today, whether it's to help a needy student buy books, provide a graduate student with the latest computer software, bring a Nobel Prize winner to campus, or send a promising undergraduate to a scientific meeting, unrestricted departmental funds are essential.

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

Metta Winter

Kelly J. Smith '88 Named Assistant Alumni Director



KELLY J. SMITH OF WHEATON, Illinois, has been named assistant director for alumni affairs in the college.

succeeding Tina Walker who has joined the University Research Office.

Smith, a 1988 graduate of the College of Agriculture and Life Sciences, majored in applied economics and business management. During her junior and senior years, she chaired and oriented student ambassadors in speaking and leadership responsibilities for the alumni association. She became president of the college student ambassadors, traveled extensively with college staff, and worked to successfully advance the involvement of younger alumni. She also served on the Cornell Fund student phone-a-thon steering committee.

During her studies here, she was on the Dean's list, vice president of Quill and Dagger, and a member of Order of

Omega. The recipient of the ALS Senior Service Award, she also was named the outstanding senior of her sorority.

After graduation Smith was a staff accountant for The Prudential in Roseland, New Jersey. During that time, she worked with the Metro New York Tower Club Committee. She is an MBA degree candidate in the Johnson Graduate School of Management.

Smith will have responsibility for alumni leadership development and support in several New York State and other state ALS alumni districts. Other responsibilities will include ALS alumni committees and the broad leadership for the 6,000 member ALS Alumni Association. She will specialize in young alumni involvement, alumni leadership, and membership development. ♦

Broadening the Playing Field in Math and Science

RARELY DOES A DAY GO BY WITHOUT seeing an article that decries 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 prove 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, Teacher Education in Science and Mathematics. Undergraduates from any of the applied or pure sciences—all the way from engineering to physics—are eligible to apply for admission. Typically they enter as juniors. Three years later they graduate with a bachelor'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 program coordinator William S. Carlsen, assistant professor of science education in the College of Agriculture and Life Sciences.

Toward 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 an aspiring teacher 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 is 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—can a teacher teach effectively."

This philosophy goes a step beyond the learning styles approach that was fashionable in the 1960s and 70s, which focused on different methods of instruction (readings, lectures, labs, and discussions) as the key to learning. Here the emphasis is on discovering the many ways to represent specific math and science concepts—say, in the case of exponential functions through graphs, tables, equations, or word problems—then employing those representations the child can relate to best.

NEW PROGRAM PREPARES PUBLIC SCHOOL TEACHERS

The goal isn't to learn facts or even to get the right answer. It is "meaning making," according to program faculty member Joseph D. Novak, professor of science education and biological sciences and recipient of the National Association for Research in Science Teaching's most prestigious research in teaching award.

"Usually math and science is taught so that kids can perform on tests instead of teaching them how to reason scientifically or mathematically," Novak explains. "Learners must construct their own meaning, and we want to train teachers who can help kids take charge of that."

"Knowing the rules that govern a math function isn't enough for our students," says Carlsen. "Their training goes beyond what's needed to be a scientist or mathematician so that they fully understand a concept, the reasons behind the rules. Then they must learn how to explain it in many different ways."

Jointly sponsored by the Department of Education and the Department of Mathematics and supported by a half-million dollar grant from the Andrew Mellon Foundation, the program accepts up to 15 students a year. Participants must have already worked with children (through camp counseling, scout leadership, or the like), be committed to teaching, and be able to step back and question how they themselves think about math and science. "If our program participants can't admit, 'I don't really understand this,' they're in trouble," says Carlsen.

During the program they are immersed not only in the diverse ways to understand the subject matter of their own science or math specialty, but in the lives of children and in the culture of the public schools.

Before student teaching in the master's years, participants will have completed three semesters of field placements where they observe eight to ten classroom teachers. It's from these exemplary teachers that students learn the "wisdom of practice" that comes with years of experience. Each student must also spend two summers working in camps or other nonclassroom settings with children from backgrounds different from their own.

"The classroom is an artificial setting that often has little to do with children's lives," says Carlsen. "It's in a place like a summer camp that our students find out how kids view the world."

The funds from Mellon support these experiences and pay a stipend and full tuition for the graduate year. "The Mellon money makes it possible for a person to prepare to be a teacher without incurring a staggering debt. It means they can spend eight to ten hours a week in the public schools instead of in a work study job washing laboratory glassware."

As rigorous as the program is for students, it's equally demanding on the faculty. All nine are trained in math or science, engage in science education research and in continuing education for public school teachers (seven formerly taught in the public schools). They are expected to provide intensive support and supervision of participants who are student teaching.

What's it like to face the classroom after graduating from the Teacher Education in Science and Mathematics program? "I feel strongly equipped to teach," says a confident Beth Adler '89, MAT '90, who has returned to teach life, physical, and earth sciences at her old junior high school in Oak Ridge Tenn. "I feel very lucky to be one of the first graduates of the program. It was terrific and I'm grateful for it. Since I've been in schools for the last three years, I feel comfortable with my fellow teachers. I'm eager to get to work."

For more information about the Teacher Education in Science and Mathematics program, contact Susan E. Blish, 106 Kennedy Hall, Cornell University 14853 or 607-255-9255. ♦



Student teacher Stephen Anderson (right) checks the lab techniques of students Lhney Lewis (left) and Christel Coykendall. In the background is student Stacey Butler. The setting is a Dryden High School lab taught by chemistry teacher Timothy Kirkpatrick.



Captain Leo Berger '42, JD '56

Leo Berger might never have gone back to sea if the business he wanted to buy had been for sale—an Ithaca gas station on the corner of Dryden Road and College Avenue. Luckily it wasn't, for it was the life of a ship's captain that led Berger to found one of the world's largest privately owned tanker fleets.

A graduate of the Merchant Marine Academy who attended at the suggestion of John P. Hertel, director of instruction and counselor of many students ("It's something exciting that you may like," he recalls Hertel telling him), Berger captained U.S. flag ships during World War II. He loved it.

"Being a sea captain is the greatest life in the world," Berger says. "You're king of your own. You get up in the morning and go out and smell the fresh air. You navigate a little, handle a few problems in heavy weather, it's very pleasant. But it gets boring, I get tired of just reading, which is all you can do, and since I'd gotten married in '48, I decided to try to stay home."

Back in Ithaca, Berger leased the gas station and says he would have stayed here and become an oil and gas distributor if he could have owned the business. "When the Korean War came, my old boss, a Greek shipowner named Lemos, called me up and asked me to come back and handle the American ships for him. For the rest of the war I shuttled military goods from Japan to Korea."

Once again, Berger returned to Ithaca, this time in 1954 to attend law school. "It was a challenge to get Lemos to pay me more," Berger says with a chuckle. "Law school wasn't a grind for me. I knew I'd never practice. But I passed the bar anyway."

Berger returned to work for Lemos and became a corporate officer. "But you have to grow, you can't just stay working for somebody," he says. On Berger's threat that he'd leave the company, Lemos loaned him \$1.5 million to buy his own ship. "It was the most thrilling event of my life, to step aboard and say, 'This is mine.'"

That ship was the first of many Berger would own. Eventually he founded the APEX Marine Corporation and developed it into a diversified marine consultancy and ship management group that, among other things, participated in a U.S. government-sponsored ship building program in the 1970s. "I built nine ships for \$270 million dollars and didn't have to put up a penny. Not one ship defaulted; they're all still working today."

At 70, Berger is liquidating his multimillion-dollar business, looking forward to retirement. "I'm a very fortunate man," he says. "Cornell is a great school. I was a Hungarian refugee when I came here on a \$35-a-month scholarship from the Hebrew Orphan Asylum. Cornell helped me reach my goals. Now I expect to take a more active role on the Cornell Council, in some charities, play golf and a little bridge. I'll find things to do." ♦

Metta Winter

Metta Winter

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- Janey Morgan Smith '43
- Dorothy Knaptton Stebbins '28
- Pamela Lustig Stepp 'GR
- John C. Sterling '59
- Mark Teich, '90
- Robert G. Tobin '60
- Richard F. Vincent '59
- James R. Weisbeck '59
- S. F. Weisenborn '49
- Marie Call Wells '42
- Donna J. Whiting '87
- Gordon Gordan Willis '74
- Theodore W. Winstberg '52
- Frances E. Young '31

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 - Harvey S. Atlas '68
 - Fritz A. Aude '52
 - Eve Hallpaan Barlow '75
 - John P. Barlow Jr. '74
 - Herbert H. Baum '34
 - Donald M. Bay '55
 - Martin G. Beck '20
 - Holly A. Bennett '89
 - V. Chetwood Brewer Jr. '33
 - David L. Call '54
 - Mary Geny Call '54
 - Sтивен T. Call '87
 - Pamela Schmitt Cary '86
 - Richard C. Cary '85
 - George L. Casler '50
 - Paul J. Chapman 'GR
 - Richard S. Claassen '44
 - Ruth Leonard Claassen '44
 - Joseph Edward Colborn '83
 - Moximo E. Contini 'GR
 - Alvin R. Cowan '27
 - Roy Curtiss III '56
 - Lawrence B. Darrah 'GR
 - Sally Stroup De Groot '50
 - David Dejong '72
 - Herman C. Demme '50
 - Sharon Lynne Detzer '88
 - Morris A. Diamant '74
 - Olive Calkins Dicksee '35
 - Edward A. Driel '40
 - Nesom Block Eason '69
 - John Hildebrandt Estey 'GR
 - Richard B. Estey '55
 - Stella Gould Fales '35
 - Jennie Towle Farley '54
 - Bettina M. Frost '38
 - Robert S. Gellert '63
 - Philip B. Gibson '43
 - Robert G. Greig '36
 - Robert M. Hall '59
 - J. Frederick Hazen '34
 - James H. Hedding '63
 - Betta Eskell Hedding '62
 - Keith L. Hering '68
 - Allred 'GR
 - John H. Hicks '62
 - James T. Hinltian '49
 - Eunice Prytcher Hislop '36
 - Milton E. Hislop '36
 - W. Gilford Hoag '31
 - John L. Howard '57
 - John S. Hsu 'GR
 - Joyce Arnold Johnson '60
 - Carl T. Johnson '80
 - Josephine Brown Jones '35
 - William A. Jones '39
 - Garry B. King '64
 - Frank V. Kosikowski 'GR
 - Richard R. Lacy '51
 - Robert D. Ladd '43
 - Bruce M. Lansdale 'GR
 - W. Charles Lawrence '38
 - J. Roland Lieber '59
 - Franklin M. Loew '61
 - Judith Cohen Lowry '56
 - Clifford F. Loders '38
 - Nancy Radick Lynk '52
 - Carl T. Johnson '80
 - James F. Lyon '66
 - Patti Rose Mandel '83



COMMENTS AT ALS ALUMNI REUNION BREAKFAST
June 9, 1990
by Jean F. Rowley
Chair, ALS Development Committee

One of the early endowments to the College of Agriculture was made by Charles H. Roberts of Oaks, N. Y.—and no apparent relation to the former dean of the college for whom Roberts Hall is named—for scholarships to rural students. \$36,000 in 1906. 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 teens 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 in support of programs in search of excellence. 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 persons of vision, leadership, and commitment. Of course, there were many others who, our records show, shared those visions with a willingness to lead and make commitments in support of the college. ♦ During the period from 1964 to 1967, Dean Palm, 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 \$25.5 million in endowments. ♦ Those endowments provide students in 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 296 funds. And now is a time when Dean Call mentions the impact on the college of retrenchment 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 at 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 enterprise program endowment 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 alumnus 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 needs of the college 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 recording of \$16.7 million in gifts from private sources and a record endowment level 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 you our 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 recognized the many years of leadership of retiring development committee members—David Nagel, Cliff Loders, Bob Ladd, Myron Fuerst, and Joe King. Next year, including myself, John Hoff, Bill O'Connor, and Joe Pendergast will retire from the development committee. As we move toward the 125th anniversary capital fund campaign, 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. ♦

- Paul C. Marcus '59
 - Philip H. Marsh '57
 - Russell D. Martin '39
 - Elizabeth Myers Martin '35
 - Quentin J. Mehlenbacher '52
 - Richard T. Meister '40
 - David J. Miller '65
 - Mary Sweetint Minard '65
 - Shelley Earle Mitchell '80
 - Michael G. Moore Jr. '62
 - Arthur A. Muka 'GR
 - Theodore H. Mullen '55
 - Henry M. Munger '36
 - Maureen E. Murphy '87
 - Peter J. Murphy '50
 - John L. Neuman '62
 - T. Paul Neuman '36
 - Francis J. and Barbara O'Connell '65
 - James Patrick Oot '88
 - Eunice Paidio-Johnson 'GR
 - Agaton P. Pal 'GR
 - David J. Palmer '54
 - Lynn G. Palmer '45
 - Nathan H. Peck Jr. '76
 - August D. Pitsilli '48
 - Elizabeth Dubois Price '36
 - Robert Rathson '51
 - Dwight E. Reed '49
 - Thelma Drake Robinson Sr. '42
 - Donald G. Robinson Sr. '41
 - Stanley Rodwin '50
 - Edward A. Schano '51
 - Helen Croshere Searle 'GR
 - Shayle R. Searle 'GR
 - J. Albert Sebald '54
 - Maurie Semel '49
 - Francis G. Shepardson '40
 - Richard E. Sickman '54
 - Cyril G. Small '28
 - Edward H. Smith 'GR
 - Janet Ritchie Smith 'GR
 - Finley M. Steele '36
 - Alan J. Steinfield '65
 - Jane Laeck Talmage Jr. '57
 - Nathaniel A. Talmage Jr. '54
 - Nathaniel A. Talmage '22
 - Hugh H. Ten Hagen '80
 - George M. Trimmerberg '65
 - Donald E. Turk '53
 - Noel L. Van Ness '88
 - Marion Ward '39
 - Richard G. Warner 'GR
 - Wallace E. Washburn '30
 - George B. Webster '25
 - Hannah Haas Welden '47
 - Marvin M. Welden '47
 - Elsaine Maesso Wedel 'GR
 - John H. Whitaker '42
 - Alice Popp Whitaker '42
 - William S. Wiedorn '19
 - George R. Wiggins '68
 - Elizabeth Bonstele Wiggins '69
 - Charles E. Wille '50
 - Jean S. Wittwer 'GR
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 - Alfred W. Wolff '37
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 - Warren D. Aldridge '78
 - Charles G. Ashe '35
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 - Eugenia M. Barnaba '75
 - Donn C. Barton '48
 - Gary M. Baum '66
 - Judith Solomon Baum '66
 - Albert J. Beard Jr. '52
 - Margaret Steele Beard Jr. '54
 - Ronald L. Beck '61
 - Louise M. Belevich '75
 - Jeffrey S. Belsky '77
 - Jeanne M. Bicknese '75
 - Leland T. Bookford '61
 - Carol T. Bradford '74
 - C. Arthur Bratton 'GR
 - June Linderman Britt Jr. '54
 - Urie Bronfenbrenner '38
 - D. Sheldon Brown '68
 - Harold S. Brown '28
 - Harlan B. Brumsted '46
 - Evelyn Call Brumsted '46
 - Craig A. Buckhoff '79
 - Rhodale Krause Butlien '54
 - Susan L. Call '79
 - Leonard E. Carrier '43
 - Kathaleen A. Cattieu '75
 - Eugene C. Ceglowski '58
 - Susan M. Ceglowski '58
 - Laurence E. Chapman '52
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 - Christopher A. Clark '70
 - John A. Clausen '36
 - A. Richard Cohen '31
 - A. Lee Coleman 'GR
 - Frank Colling '35
 - Dennis J. Connolly 'GR
 - Jeffrey A. Conrad '88
 - Laurence W. Corbett '24
 - Eleanor Goodman Corvini '44
 - Judith Reamer Cox '61
 - Daniel M. Coyne '50
 - Anne Buck Coyne '53
 - Ellen Victoria Crockett '69
 - Lawrence C. Crockett '69
 - Richard A. Currier '73
 - Jacqueline D. Daniels '88
 - Horace J. Davis 'GR
 - Joseph J. Davis '35
 - Peter E. Demnitz '49
 - Derl I. Derr '51
 - Irving Drantch '41
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- Gary D. Ervick '71
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- A. Kirk Field '60
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- David M. Foote '56
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- Ralph T. Fox Jr. '49
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- Eugene C. Fuerst '41
- Arthur W. Galston '40
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- Deborah S. Gellman '75
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- Gordon H. Gowen '52
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- Frederick J. Jannett Jr. '67
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- Rolf Jesinger '65
- Donald L. Jewett '50
- Alden M. Jones '37
- Elaine Grant Jones '37
- Marjorie Lail Keart '82
- Robert E. Linton '60
- Hans R. Kunze '82
- L. Cecil Lamb '50
- James B. Laspina '76
- Robert L. Laspina '77
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- James M. Lawrence '69
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- Alastair G. Longley-Cook '69
- Jane Blauvelt Longley-Cook '69
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- Peter J. McManus '32
- Lillian Rabe McNeill '24
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- Richard C. Miller '63
- Robert F. Miller '42
- William F. Miller II '42
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- Malden C. Nesham 'GR
- Allan G. Newhall 'GR
- Andrew J. Nichols '34
- Peter G. Nixon '75
- Sally Gibson Noel '47
- Breite Carpenter Novidor '37
- Mary P. Otis '74
- John M. Overton 'GR
- Phillip J. Penn '89
- Frank E. Pinder 'GR
- Andrew J. Piscione '65
- Richard S. Popp '61
- Frank R. Powell '61
- Josef M. Powell '64
- Eileen Mintz Putnam '43
- Noel P. Ralston 'GR
- Arthur C. Rawle '70
- John V. Rice '78
- Marjelle Phillips Riegel '80
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- Neil H. Rivchin '68
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- David G. Rosster '73
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- John Skawski '46
- Todd J. Siskin '74
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- Lawrence N. Smith '53
- Catherine Austin Smith '53
- Philip Smith '40
- Waldo G. Smith '33
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- Edward R. Spencer '70
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- Robert J. Straka '82

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G. Ramsey Yoder '55
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Rosemary Aldridge '83
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Maxson G. Bibler '70
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Peter A. Bieder '76
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'74
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Elizabeth Alden Bowers '54
William C. Bowman '64
Alfred M. Boyce '26
Maynard Boyce '38
Wendy Anderson Brachfeld
'87
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Louis H. Brantkamp '49
Mark H. Brand '66
Ernest R. Bredefeld '63
Eather Greenberg Breslow
'53
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Mary L. Brown '54
Matthew E. Brown '88
Minnie Miller Brown 'GR
Jeannette Snyder Brown '46
Dorothy K. Browne '88
Elizabeth Jacques Browne
'83
Michael J. Browne '55
Joseph G. Bruce '77
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William R. Buchholz '78
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Robert L. Bull '52
Ervin T. Bullard 'GR
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James E. Burke '56
Helga B. Burre '76
Dale F. Burrell '59
Karen Zajack Burt '70
Nancy Willman Burton '39
Kenneth W. Burton 'GR
Gladys Stroh Burzycki '43
Gwen M. Burzycki '76
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Charles P. Bush '54
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Michael H. Buthe '83
Sheila Palmer Butler '84
John M. Butler '76
Rheita A. Butler '73
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Janice Blair Byrne '73
Foster B. Cady '53
John V. Calcagno '70
George T. Caliguire '69
John P. Calitabiano '83
Charles Camisa '73
Theodosia Taylor Carlson
'34
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James E. Carter '60
Lyle Lindberg Carter '60
Mary Verick Cary '75
R. Carlos Cary '39
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Michael J. Ceponis '50
A. Jackson Chamberlain '40
David R. Chamberlain '68
Dale R. Chapin '69
William D. Charlton 'GR
Joseph F. Charlton '78
Peter C. Chatei '78
Dorothy Ober Chero '51
Gloria Pluster Childress '45
Benedict 'GR and Dorothy
'GR Chitambar
Carolyn T.S. Choh '85
Richard A. Chordash '69
Cheryl Marlette Christensen
'68
Joseph J. Chuckrow '58
Richard A. Church '64
Robert J. Ciperly '52
William B. Clark '49
Joseph B. Clarke '77
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Gregory P. Cloos '88
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William H. Cochran '59
Charles M. Coe '89
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Joseph F. Coleman '60
Christine Collins '88
Sheila S. Collins '76
Ralph B. Colson '43
Robert J. Comeau '79
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Gordon L. Conklin '48
Ivan S. Conklyn '38
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'68
Kevin A. Connelly '77
Nancy Byrne Connolly '85
Desmond M. Connor 'GR
Douglas T. Conti '60
Kevin M. Cook '84
John R. Coombe '84
Kenneth L. Coombs '35
Gregory Cooper '83
Herbert H. Cornell '38
Douglas H. Corwin '80
Lloyd W. Corwin '35
Christina C. Coventry '76
Dana L. Cozmes '44
Peter S. Cozmes '44
Barbara Covey '71
- Frederick Coville '27
Charles R. Cox '66
David F. Cox '53
Donald R. Cox '71
Terrence H. Coyle '68
Elizabeth Allen Craft '34
Pierre A. Crawley '79
Donald S. Creal '30
Frank F. Crissey '37
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Douglas R. Cronk '63
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Christine Cleveland
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Loy V. Crowder 'GR
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Gerald W. Crump '53
Frederick Cummings '56
Mary Spinney Cummings '56
David P. Curry '65
Thomas J. Curry '36
John R. Curtis '51
Harriet Henderson Cushing
'78
Steven S. Cushing '76
Edward M. Cutler Jr. '70
Cathy Murphy D'Amelio '82
Dana G. Dairymple '50
Douglas J. Dairymple '56
Jesse E. Dairymple '37
Marya B. Dalrymple '70
Donald J. Danila '69
Gregory Dann '70
Daniela Obrnik Darko '66
Wayne T. Darragh '84
Hugh A. Daubert 'GR
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Allan J. Davis '62
Linda Mitchell Davis '53
Arlene Walawender Davis
'GR
Mark A. Davis 'GR
Philip H. Davis '50
Gary F. Davy '75
Charlotte Schempff Day '60
William H. Day 'GR
Lee P. De Angelis '74
Calvin S. De Golyer Jr. '44
Benjamin De Leon '34
Claire Zwart De Roos '50
Francis De Vos 'GR
John F. Deasy Jr. '86
Murray A. DePaul '53
Marjorie Heit Decker '43
William R. Decou '68
Carl A. Del Balzo '81
Mary Nozot Del Balzo '82
Joseph Dell '40
Joseph C. Dell Jr. 'GR
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Joseph C. Delwiche '77
Charles R. Demas '71
Catherine Diamond Denton
'35
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Jeffrey A. Dewey '76
Mark J. Dewey '75
Margaret A. Dewitt '80
David L. Diana '52
Christopher W. Dick '78
Jane Peck Dickstein '51
Herbert J. Dietz '52
Robert M. Dilatush III '53
Susan Ister Dilmann '65
Helen Tallman Diriszo '83
John E. Dodge '48
William K. Doerfler '55
L. Roland Dorschusch '59
Cynthia Hall Downing '82
Bradley E. Donahoe '51
Cynthia Cabral Donaldson
'80
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Bruce R. Donnan '58
Diane Solomon Doppelt '79
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Howard Dorman '40
Ned N. Dorman '77
Holly Swanson Dougherty
'82
Thomas J. Downs '77
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Marilyn A. Druck '69
Ronnie Duberstein '67
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Peter A. Duenpenguesser '86
Sean Duffy '82
William E. Dugan '59
Patricia Palmer Dulman '83
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Becca Richmond Durant '81
Arthur E. Durlee '40
Elaine Blackburn Durack '70
John C. Duroe '52
Samson R. Dutky '33
W. Robert Eadie '45
William S. Eadie 'GR
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Lynn J. Griffio '80
David D. Grove '40
Roger W. Grove '61
Ruth Odin Grunspa '64
Mary Lou Guerinot '75
Frederick W. Gunter 'GR
Richard J. Haby '48
Gary E. Hagitt '65
Robert E. Graves '65
Theodora Cope Gray 'GR
Eleanor Bayuk Green '24
Lalana Janlekha Green '77
Phillip A. Green '64
Robert M. Green '77
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Marion L. Greenhalgh '76
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Richard J. Haby '4

- Robert Gale Parvin 'GR
Robert L. Paak '52
George F. Patrick '64
Patricia Edwards Patterson
'80
Harrison H. Payne 'GR
Ronald C. Pearce '57
Robin L. Pearl '57
Elizabeth J. Pearson '47
Lelgh Markham Peck '79
Nathan H. Peck '51
Joseph G. Pelliccia '51
Patricia Clemmer Penn '78
W. Lee Penn II '76
Boyd G. Penney 'GR
Paul E. Pentz '60
Michael A. Pepszowski '75
Randolph M. Perham '83
Donald H. Pettingill 'GR
Martin H. Pfeiffer '50
Hiep N. Pham 'GR
William C. Phelps '49
William D. Phelps '70
Charles E. Phillips '56
David L. Phillips '81
Diane Hill Phillips '81
Elmer S. Phillips '52
Lawrence E. Phillips '87
David Pickersgill '73
Aviv Goldsmith Pienkowskii
'80
John J. Pierpont '81
James A. Pierson '50
David Pimentel '90
Ariel L. Pines 'GR
Kirsten M. Pinkney '89
Nancy Sichelko Piwnicki '73
Thomas W. Piwnicki '74
Alfred R. Place '51
Edwin S. Platt '68
Thomas H. Plummer '55
Arthur J. Poelma '37
David A. Pogan '83
Elmore E. Pogan 'GR
Chester L. Pohl '51
Eva Hecht Polnar 'GR
Joseph A. Pollizzi 'GR
Emery Polya '42
Naomi Kaplan Pompey '68
Frederick B. Pope III '73
Nancy K. Porter '74
Willet R. Porter Jr. '48
Dale M. Posey Jr. '77
Adele Hoffstein Potter '50
Norman Potter '50
Van K. Poutney '50
James C. Preston '50
Donald A. Prince '68
Donald W. Pulver Jr. '67
Mary M. Pykosz '76
William M. Quinn '44
Carol P. Raliph 'GR
Rajnarine Ramasaran '71
Joseph L. Randles Jr. '43
Rexford A. Ransley '31
Kenneth E. Rash Jr. 'GR
Daniel G. Redmond '82
Alan G. Reed '78
William W. Reer 'GR
Phyllis Winkelshtein Reicher
'45
Bruce L. Reichman '71
Judith Fischer Reichs '63
Anne Beck Reicher '69
George L. Renien '69
Michael J. Reuter '87
Janet Bilton Reyes '78
George K. Reynolds '69
Richard E. Reynolds '36
John Rezelman '41
Albert S. Riccardi '65
James H. Rice '40
Scott B. Richards '81
Donald W. Richter '50
James W. Riefflin '58
Frederick W. Riggs '47
Cathryn V. Riley '76
Helen Schroeder Ringrose
'32
David R. Risley '85
James F. Ritchey '54
Chad E. Roberson 'GR
Kenneth L. Roberts '23
Clarence P. Robertson '33
Donald P. Robin '64
Richard A. Robinson '60
Robert H. Robinson '50
Melburn D. Roddy '80
Laura V. Rodgers '89
Jon P. Rodgers '90
Mark S. Roe '58
Robert M. Roecker '44
Glenn G. Rogers '43
Ralph E. Rogers '53
Timothy J. Rogers '74
Famela Savage Roglich '78
Beulah Friedman Rohrlich
'GR
Bruce E. Rohsler '83
Kenneth Roistacher '75
Edwin A. Rokosch '53
Knut Ronnangen 'GR
Famela S. Rooney '77
Grace Paritck Ross Jr. '48
Veiva Lamb Rose '32
Elissa B. Rosenberg 'GR
John W. Rosenberg '74
III Ronald Rosenfeld '71
Albert Rosenthal '54
Quentin E. Ross '65
Doris Lehmann Rothermich
'44
Mark L. Rouleau '78
Richard J. Rowe '52
Edward E. Rowehl '54
Karen M. Roweth '87
Michael C. Rowland Md '69
Richard J. Rozelle '34
Sidney D. Rubin '41
Joseph Rubinger '76
Harriet F. Rubinson '76
Douglas M. Ruckelshaus '77
Gail Evans Ruhal '77
Michael V.E. Rulison '53
Barbara Rockelmann
'Rundell 'GR
Susan Forker Ruoff '79
Louis N. Russell '88
Louis M. Russell '76
Linda C. Ryan '85
Michael E. Sadosky '43
Lynn Rosenbluth Saitz '75
Richard E. Saitz '73
Paul H. Sameshwa '55
Maud Saragat '43
James E. Sattler '68
Marlene Morack Sauer '55
Richard L. Sawyer 'GR
Florence Burtis Scanlan Jr.
'26
Catherine Jones Schacht '75
George P. Schade '59
Brian D. Schafer '77
Henry E. Schaefer '59
John R. Schaub '60
Michael S. Scheibel '71
Norman W. Schick '50
Louise Schiller 'GR
Mark A. Schimelman '72
Paul C. Schmitz '77
Lynda C. Schmitz '88
Ralph A. Schmitz '77
Joseph F. Schneider Jr. '65
Virginia Glenn Schneider '64
Joan Schrautz '79
Jolanda Schreurs '78
Santor P. Schuman '73
Scott J. Schuster '75
Richard Peterson Schutt '64
Carol Tukey Schwartz '81
Donald P. Schwartz '77
H. Temple Scofield '30
William H. Scofield '36
Edwin R. Scotcher '42
Daniel J. Scott Jr. '89
Donald A. Scott Jr. '89
Joan Baker Scott '79
Oliver L. Scranton Jr. '73
Maria Mayer Scurrah 'GR
Kenneth P. Secher '60
David J. Segal '89
Judith Zanger Segal '57
Harold E. Seifried 'GR
John K. Seischaub '30
John A. Serafini Jr. 'GR
Gordon L. Seward '61
Bruce D. Shapley '60
Don C. Sharrow '58
John D. Shaui '40
Scott C. Shawcross '78
F. Darby Sheldon '49
Barbara Parker Shephard
'Emery Polya '42
John, 'FR and Ruth
'PPkens, 'GR Sherbon
Donald E. Sherman '75
Stanwyn G. Shetter '55
Frederick W. Short '30
Claire A. Shottelstein 'GR
Christopher L. Sielert '88
John B. Simeone 'GR
Geraldine Adams Simonds
'GR
Maria Covino Simonetti '84
Allan B. Simons '64
Henry W. Simons '38
Irwin I. Sittin '52
Robert E. Slogren '53
Karen A. Skubik '81
David M. Slack '80
Lucy Garbus Slack '81
Samuel T. Slack 'GR
Elliott N. Sleight '88
Joseph F. Slat Jr. '50
Robert S. Sloum '77
Allyn D. Smith '60
Donald M. Smith '52
Francis C. Smith '85
Harold G. Smith '38
Harold E. Smith 'GR
Henry M. Smith '50
Howard F. Smith Jr. '49
Linda Lazarus Smith '71
Marvin L. Smith '29
Ralph D. Smith '89
Sandra A. Smith '74
Schuyler R. Smith '60
Walter S. Smith '64
William F. Smith III '65
Reuben Snipper 'GR
Judith Lynn Snow 'GR
Robert B. Snyder '42
Robert D. Sodoma '51
Carol Sittl Sokolowski '54
James R. Sollicio '76
Theodore P. Soo-Hoo '77
Milton G. Soper '43
Wilbur J. Sovocool '50
Roderick C. Specht '50
George E. Spencer 'GR
Frank C. Speno 'GR
Gladya A. Spertling 'GR
Paul R. Spiers '41
Donald J. Spittler '40
Arthur B. Spitzer '71
John K. Spoth '85
George F. Sprague 'GR
Amy Seward Stacy '84
James B. Stafford '69
Thomas H. Stafford 'GR
Daniel P. Stainbrook '71
Martin J. Stallone '87
Ann Speicher Stamp '84
William M. Stamp '84
Bernard F. Stanton '49
Tatiana L. Stanton 'GR
Elizabeth Williams Stavelly
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Anthony A. Steere Jr. '65
Paul E. Steiger '54
Marilyn Cassidy Stephenson
'77
Richard S. Stevens '66
William H. Stevens '51
Venela C. Stevenson '37
Walter R. Stevenson '68
John S. Stiles Jr. '45
Houston H. Stokes '62
Sidney J. Stoltenberg 'GR
Alan Stone '26
Margaret J. Story '63
Any Warner Strat '81
Clifford D. Strat '80
Martha D. Straus 'GR
Michael H. Straus '81
Thomas C. Streckewald '71
Teresa Peckham Streeter
'79
John K. Stringham '59
Daniel T. Stutzman '57
George L. Suhrland '42
Barbara Tupper Sullivan '38
A. Dean Sumner '38
Frederick K. Swan Jr. 'GR
John C. Swan '43
John Warren Swan '38
Harold B. Sweet '35
Sarah R. Swift '47
James A. Tacci '85
Peter L. Tack '34
Elizabeth Lawrence Tack '35
Susan W. Taffer '68
Katherine Delage Tack 'GR
Bruce D. Talmage '80
John H. Talmage '52
Afif L. Tannous 'GR
Barbara J. Tarbell O.D. '77
Elizabeth Ladd Tate '38
Jacqueline Laurence '88
Charles P. Taylor '50
Lawrence R. Taylor '73
Robert G. Taylor '71
Peter G. Ten Hagen II '60
John D. Ten Hagen Jr. '86
Kelly Greig Ten Hagen '86
David R. Teter '65
Richard J. Thayer '77
Doris French Thiebaut '46
Howard E. Thomas 'GR
James H. Thomas '76
Kenneth H. Thomas '50
Robert L. Thompson '67
Lyle M. Thorpe '35
Joseph W. Thurston '77
Eilon S. Tibbits '27
Helen Nichols Tiura '41
Donald M. Tobey Jr. '64
William J. Toleman '51
John McNeil Torgerson '69
Brenda S. Tower '85
Dorothy Burnett Townsend
'26
A. Lee Towson Jr. '30
Leon E. Wright '50
George Tretter '34
Diane Distelano Trocchio
'76
Joseph Trocchio '74
John D. Turrel Jr. '43
Eloise Ott Turrel Jr. '43
Richard E. Turrell '39
Adna H. Underhill 'GR
Adeleine Kennedy
'Underwood '45
Arthur E. Underwood '41
John F. Underwood 'GR
William T. Underwood 'GR
C. Hubert Vail '37
John W. Van Cott '46
Florence Gross Van
Landingham '35
Robert A. Van Order '35
Dorothy Kleine Van Reed
'45
Charles E. Van Reed '44
L. Dale Van Vleet 'GR
James R. Zimmerman '82
Peter W. Vanderweide '81
V. James Vanicok Jr. '55
Lawrence M. Vaughan '23
Edgar L. Vaughn '58
Frederick D. Venables '68
James H. Verbridge '74
Verona S. Vick '71
Charles Eglington Vigners
'27
Joanne Walldorf Vineyard
'51
Willard J. Visek 'GR
Howard H. Voelker '52
Louisa A. Voeltn '54
Carol Eberhard Voeltn '54
Frances E. Volz 'GR
Horst Von Oppendell '50
George Voncrasch '44
Ronald B. Vukman '73
Jacqueline A. Wagner '87
Kimberly A. Wagner '85
George Hughes Wagner '32
William H. Wakesfield '64
Donald R. Walker '72
Sharon S. Burstein '72
John E. Wallman '60
Deleon Walsh '27
George W. Walter '35
Virginia Hitz Walton 'GR
Robert L. Warner '43
Homer L. Warner '60
Tazu Asal Warner '31
Steven C. Warner '73
George F. Warren Jr. '35
Edwin C. Washburn '67
Elmor Robinson Washburn
'35
Esther M. Washington 'GR
Walter C. Wasserman '57
Constance Robinson
Weaver '66
Carolyn Burney Webber '82
Paul W. Weber '43
Donald E. Webster '43
George E. Webster '79
William E. Webster '79
Weingart
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Carol W. Weinstein '80
Ralph M. Welker '35
Nirit Welkowitz '78
Rosamund Wobber Wendt
'55
John A. Wenrich '45
Steven M. Werblow '88
Merrill H. Werts 'GR
Earl A. Westervelt '40
Eli B. Wetter '75
Michael J. Whaley '87
Elen Kunej Whetzel '31
Antoinette Clark White '82
Christine White 'GR
Gordon R. White '53
Randall P. White '81
John K. Whiteman 'GR
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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. Stephen, professor emeritus of communication. Alumni and faculty members chose these scenes, which represent the four seasons, as the most memorable of campus and the Ithaca countryside.

Send the following:

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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. ♦



Alice Sanderson Rivoire '41, John Rivoire '42, and Fred Winch '68 enjoy a moment "between classes."



Girard (Jerry) Haviland '48, Jane Haviland, Kenneth Wing '58, and John Sterling '59.



The microscope reveals fascinating organisms and activity beneath the sea.



Cornell leaders in the Shoals effort: Richard Pendleton, John (Jack) Kingsbury; Cornell Provost Malden C. Nesheim; Perry Gilbert; Rex Keast (former provost); Fred Winch; and John Anderson. Anderson, Kingsbury and Gilbert are credited with founding the laboratory.

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 26 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 their developer, Donald R. Viands, 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 alfalfa-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 big 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.

Viands 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 Royse P. Murphy, professors emeritus, all 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, Viands said.

The two other varieties—Triumph and Eclipse—are scheduled for commercial production in time for the 1991 season. Initial seed production of these two strains is under way this year. ♦

Yong H. Kim

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 video-taped 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 Boyce Thompson Institute for Plant Research and spokesperson for the National Agricultural Biotechnology Council (NABC).

The NABC, which is a consortium of the Boyce 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 NABC 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



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.



George Austin '84 and Elizabeth and Gordon Gower '50 visit with Associate Dean Kenneth Wing '58 (right).



Kim Mitchell '59 and Bill Hayes, former president of Eastern States Exposition



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



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

110 Funds Aid Agriculture and Life Sciences Students

OF THE NEARLY 300 FUNDS ENDOWED in Cornell's College of Agriculture and Life Sciences, 110 help with the financial needs of undergraduate students. Listed below are these 110 funds, which were established as a tribute or memorial to an individual or as support for a special need. Gifts from alumni and friends may be added to any of the funds at any time. Checks may be made payable to Cornell (Fund Name) and mailed to Agriculture and Life Sciences Development, 272 Roberts Hall.

FINANCIAL AID AWARDS

College of Agriculture and Life Sciences



Morton Adams Fund—Undergraduate students enrolled in the college with consideration given to character, scholastic record and financial need.

Robert M. Adams 4-H Memorial Fund—Undergraduate students who are residents of New York State, and have completed their first year in the 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, and also provides a cash award to a senior student transferring from a two-year college in New York State who has achieved outstanding academic achievement during the year.

Raymond Albrecht Memorial Scholarship Fund—Undergraduates majoring in Animal Science with a special interest in dairy cattle production and management, and who were raised on a farm.

American Greetings Corporation Fund—Upperclassmen preparing for careers in Food Industry Management and who have demonstrated an interest in careers relating to food distribution, marketing and business management.

George Arno Memorial Fund—Undergraduate or graduate students who are New York State residents and who are interested in pursuing careers in the poultry industry.

E. Vreeland Baker Student Aid Fund—Undergraduates enrolled in the college who are making satisfactory progress toward a degree and have demonstrated financial need.

Beatty Agricultural Fund—Freshmen entering the college who are residents of Bainbridge, New York or Chenango County.

Blitz Family Scholarship Fund—Freshmen or sophomore students from rural areas in Oneida and Cayuga counties in New York State, with second preference for freshmen or sophomores from other counties within New York State.

Arthur Boller Fund—Undergraduate and graduate students from developing countries with an interest in agriculture, especially fruit production and marketing. In addition, needy black students from the United States who have demonstrated an interest in modern agriculture, including farming, are also eligible.

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

Jane Brady Fund—Undergraduate students enrolled in the college with preference given to those manifesting interests and aptitudes in the study of health, biology, or agriculture.

Broome-Tioga Dairy Cattle A.B.C. Fund—Grants are provided to deserving undergraduate students exhibiting interest in pursuing studies and making professional application of husbandry practices related to dairy cattle. Preference is given to students from Broome County, New York and Susquehanna County, Pennsylvania.

Harlan B. Brumsted Fund—Needy and worthy undergraduate students enrolled in the college with preference given to students majoring in Natural Resources.

Thomas B. Bush Memorial Fund—Undergraduate students enrolled in the college with preference given to students majoring in Communication.

Robert V. Call, Sr. Fund—Undergraduate students from Genesee and Orleans Counties, in New York State.

Henry I. Christal Memorial Fund—Undergraduate students who are seriously interested in farming as a career.

Walter R. Clarke Fund—Undergraduate students enrolled in the college primarily interested in fruit growing, with preference given to students from the Hudson Valley or recommended by faculty in the Department of Fruit and Vegetable Science.

Mr. and Mrs. J. Carlton Corwith Fund—Undergraduate students in any class studying in the broad field of agriculture with potential for leadership in agriculture.

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

Cyril F. Crowe Scholarship Fund—Undergraduates who have elected the area of applied economics and business management as their specialization.

Danforth Foundation Fund—Undergraduate students who are preparing either to become teachers or

who plan to carry out research that has implications for the practice of teaching.

Lawrence B. Darrah Fund—Undergraduate students majoring in marketing in the Department of Agricultural Economics with preference given to second-, third- and fourth-year students, including transfer students interested in marketing.

Herrell DeGraff Memorial Fund—Undergraduate students who demonstrate leadership, interest, ability and courage in their undertakings.

Leonard A. Dudley Fund—Undergraduate students in any class demonstrating financial need and who are specializing in Agricultural Engineering, Agricultural Business or Agricultural Sciences with first preference given to students from Broome County, and alternatively to those from Tioga, Cortland, Chenango and Delaware Counties in New York State and Susquehanna County, Pennsylvania.

Mrs. Walter Douglas Fund and Mrs. Francis King Fund—Undergraduate students enrolled in the college in need of financial assistance.

Frank L. DuMoind Fund—Undergraduate students enrolled in the college who are active members of the Zeta Chapter of Alpha Gamma Rho Fraternity.

Wendell G. Earle Scholarship Fund—Undergraduate students majoring in the Food Industry Management Program with the desire to pursue a career in the food industry.

Albert Fliegenheimer Memorial Fund—Juniors or seniors specializing in Food Science with special consideration given to those active in the Food Science Club at Cornell and participating in undergraduate research in the Department of Food Science.

Myron M. Fuerst Fund—Junior and senior students who have demonstrated, by their activities, a desire to remain involved, as alumni, in the well-being and future growth of the college.

William F. Fuerst, Jr. Fund—Undergraduate students enrolled in the college with preference given to those participating in a University intercollegiate athletic program.

Herbert Harrison Fuller Cornell Tradition Fund—Undergraduate students enrolled in the college with first preference given to those students from Madison, Indiana, and second preference to those students from elsewhere in the State of Indiana.

George G. Gellert Fund—Undergraduate students enrolled in the college from other countries with preference given to those students from Romania, Hungary, Finland and Thailand.

General Foods Fund—Undergraduate students in any class specializing in Food Science.

Anson W. and Dorothy M. Gibson Memorial Fund—Undergraduate students showing general worthiness, academic ability and financial need with preference given to those students who are members of the Alpha Gamma Rho Fraternity.

A. M. Goodman Fund—Undergraduate students enrolled in the Agricultural Engineering program in the college.

Heathley Green Fund—Undergraduate students enrolled in the college who show an interest in farming.

Hervey S. Hall Fund—Undergraduate students who have a special interest in agriculture or forestry. Only residents of New York State are eligible and demonstrated need for financial assistance is required. First preference is given to a student from the Town of Spencer, with second preference to a student from Tioga County, and third preference to a student from New York State at large.

David H. Hammerschlag Memorial Fund—Undergraduate students from Maryland whose desire is to contribute to our country's needs in the fields of agriculture and plant sciences.

Annie M. Hatch Indian Fund—Undergraduate students in any class of the college with preference always given to New York State Indians. Second preference shall be given to American Indian students enrolled in the college.

Glenn W. Hedlund Fund—Undergraduate students in any class enrolled in the college with preference given to students from farm backgrounds, with an interest in agricultural business including cooperatives and studying agricultural economics with emphasis on marketing and business management.

Bertha Fleming Hess Fund—Provides support for the Cornell-Swedish Exchange student enrolled in the college and for the junior student from the Agricultural college of Sweden in Ultuna, Sweden. Preference shall be given to students who have demonstrated an appreciation of basic agriculture and recognize the importance of international cooperation in agriculture.

FIEC-William Hildebrand Fund—Undergraduate or graduate students who are New York State residents and are enrolled in the Food Management Program in the college, or those students recommended by faculty in the Department of Agricultural Economics.

Melvin B. & Helen K. Hoffman Cornell Tradition Fund—Undergraduate students enrolled in the Department of Fruit and Vegetable Sciences.

Frederick F. Horton Fund—Undergraduate students specializing in floriculture with consideration given to academic ability, character, financial need, and promise for leadership in floriculture.

Alfred C. Hottes Amateur Gardening Fund—Undergraduate students participating in activities showing promise of advancing the subject of floriculture and ornamental horticulture as an amateur activity.

Leonard J. Jackson Memorial Fund—An outstanding undergraduate student enrolled in the college with leadership qualities as well as in need of financial assistance.

Burton A. Jennings Memorial Fund—Provides grant-in-aid for a deserving student who has completed their sophomore year and is specializing in Agricultural Engineering.

David Kennedy Johnston Fund—Undergraduate students specializing in Animal Science with preference given to residents of Venango County, Pennsylvania.

W. Keith Kennedy Fund—Undergraduate students enrolled in the college with preference given to under-represented minority students such as American Indians, Blacks and Hispanics.

Friends of Joe King Fund—Sophomores, Juniors and seniors including transfers, are eligible for these two awards. Eligible students must be making satisfactory progress toward a degree, be participating in a University intercollegiate athletic program and have demonstrated financial need.

Pat King Memorial Fund—Undergraduate students enrolled in the college with preference given to those students who excel in the study of Animal Science.

Robert Krawczyk Memorial Fund—Undergraduate students majoring in Food Industry Management with the selection of recipients based on indicated career interests in the food industry.

Myron D. Lacy/John I. Miller Fund—Undergraduate students enrolled in the college with preference given to Animal Science majors intending to become involved in the Beef Industry as a career.

Carle Ladd Memorial Fund—Undergraduate students in any class enrolled in the college with major consideration given to financial need and preference is given to farm-reared students.

Leslie C. Lamb Family Fund—Undergraduate students residing in or have attended school in Genesee County, New York, or alternatively, reside in or attended school in western New York and are sophomores, juniors or seniors, including transfer students.

George B. Lamont Fund—Undergraduate or graduate students enrolled in the college from Orleans County, New York. Students preparing for a career in agriculture-related occupations are also eligible with first preference given to freshmen from Orleans County and preference also given to students from farms.

John W. Laver Memorial Fund—Undergraduate students majoring in Agricultural Engineering who are also members of the Student Branch of the American Society of Agricultural Engineers.

Max and Ida Leitchook Fund—Graduate students from Israel who are working toward an M.S. or M.P.S. degree and are interested in studying food science technology, plant, animal, poultry or human nutrition; or food distribution. If none of these are found, a student studying general agriculture will be considered.

Wilmeline Lind Memorial Fund—Undergraduate female students majoring in Floriculture who show fine character and are in need of financial assistance.

Marvin L. Lindner Fund—Students in any class are eligible with preference given to those majoring in Floriculture and Ornamental Horticulture or Landscape Architecture with special preference given to students from Long Island with interests in Nursery careers.

Hudson H. Lynn Memorial Fund—Provides aid to young men and women preparing themselves for Christian service. Preference is given to students preparing for Protestant Christian Missionary work among rural people at home or abroad, and to students who combine vocation of agriculture with furthering the principles of Christianity.

Marion A. and A. Percy Leon Undergraduate Fund—Undergraduate students enrolled in the college of Agriculture and Life Sciences in need of financial assistance.

Robert H. Marshall Memorial Poultry Fund—First-year students concentrating in Animal Science with an interest in poultry; or to a qualified upperclassmen with the same major and interest; or a first-year student who comes from a poultry farm; or a graduate student in the Department of Poultry and Avian Sciences.

Frank W. Mason Agriculture Fund—Undergraduate students from Orleans County, New York, with preference given to graduates of Albion Central High School and to those who are interested in fruit growing or marketing.

Wessels S. and W. Stephen Middaugh/Alpha Zeta Memorial Fund—Undergraduate students enrolled in the college ranking in the upper two-fifths of their class and have the desire to make a contribution in the field of agricultural business or international agriculture. Preference is to be given to members of the Alpha Zeta Fraternity.

Henry and Marcelle Morgenstau Fund—Juniors or seniors who have expressed a career interest in agricultural finances, farm management, conservation and agricultural production.

Frank B. Morrison Memorial Fund—Juniors and seniors of outstanding ability whose major interests are in Animal Science. The Fund also pays cash prizes to students winning top awards for the animals they prepare for show in the college contests.

Robert B. and Betty T. Morrow Fund—Upperclass undergraduate students enrolled in the college in the Department of Natural Resources.

H. B. Munger Memorial Fund—Undergraduate students enrolled in the college in some field of agriculture or agriscience.



The Hagler Family Fund—Undergraduate students from Suffolk or Nassau County, New York, studying some phase of agriculture.

New York State Grange Fund—Students in any class are eligible with preference given to farm-reared students whose families are Grange members or to students who transfer from an Agricultural and Technical college of the State University of New York.

Roberta Petrucci Memorial Fund—Awards are available to members of the Alpha Epsilon Phi Sorority with preference given to Communication majors.

Ronald U. Pounder Class of 1960 Fund—Undergraduate students studying International Agriculture or students from third world countries or those who will be studying in third world countries.

Richard G. Price Fund—Undergraduate students majoring in Animal Science or Communication with preference given to those studying Dairy Cattle Management.

Professor Alfred M.S. and Mrs. Alice Reed Pridham Fund—Undergraduate students majoring in or showing future leadership in Floriculture and Ornamental Horticulture.

Byron B. and Georgia B. Robb Fund—Undergraduate students majoring in Agricultural and Biological Engineering.

Charles H. Roberts Fund—Sophomores, Juniors and Seniors enrolled in the college with preference given to students coming from rural districts.

Henry W. Roberts Fund—Undergraduate students enrolled in the college with first preference given to those from Chemung County, New York and second preference to those from Westchester County, New York. Preference shall also be given to Juniors or Seniors studying Dairy Science.

Don and Thelma Robinson Fund—Undergraduate students who (1) attended Letchworth Central School, or alternatively, resides in or attended a school in Wyoming County, New York, or resides in Western New York; (2) are preparing to become teachers of agriculture, or alternatively, are studying production agriculture; (3) are juniors or seniors in the college.

James E. & Velva L. Ross Family Fund—Undergraduate juniors and seniors who intend to pursue a career in agricultural cooperatives and/or international development in less developed countries.

Rural Development Fund—Full-time, New York resident students enrolled in the college from rural farm families and who are interested in studying agriculture.

E. Dwight Sanderson Memorial Fund—Undergraduate students enrolled in the college and majoring in Rural Sociology.

Fenton B. and Dorothy H. Sands Fund—Undergraduate students pursuing a career in Agricultural Sciences with first preference given to African-American male students from New York City and second preference given to African-American male students who are residents of New York State.

John A. Scribner Fund—Undergraduate students enrolled in the college in need of financial assistance.

Seneca-Wayne Eastern Artificial Insemination Cooperative Fund—Undergraduate students from Seneca or Wayne County, New York with potential for leadership in the Dairy Industry. Preference is given to sons or daughters of members of the Seneca-Wayne Cooperative. Sophomores, Juniors or Seniors, and those with an interest in the broad field of dairying.

Abraham Shenn Fund—Undergraduate Jewish students enrolled in the college and in need of financial assistance.

K. C. Sly Memorial Fund—Undergraduate students from New York State with preference given to those who have a sincere interest in Agriculture and are Dairy Science majors, interested in Guernsey cattle, in dairy cattle breeding, management and type evaluation.



Edwin R. Smith Memorial Fund—Undergraduate students whose parents are members of the Eastern Milk Producers Cooperative Association, transfer students from a two-year college and upperclassmen, are eligible.

Favor R. Smith Memorial Fund—Undergraduate students majoring in Animal Science with preference given to students from the North Country area who have a dairy farm background.

O. W. Smith Memorial Fund—Undergraduate students in any class who find themselves in an emergency situation requiring financial assistance are eligible.

Professor Robert M. Smock Fund—Undergraduate students in any class with preference given to international students from a developing country, who are pursuing study in the area of Fruit and Vegetable Sciences.

Leland Spencer Dairy Marketing Research Fund—Undergraduate students who have demonstrated a special interest in the field of Dairy Marketing with special consideration given to those students who have completed their junior year, rank in the upper third of their class, and have taken courses in dairy industry, dairy husbandry, dairy marketing and farm management.

This list will continue in the next issue of ALS News

ALUMNI ASSOCIATION LEADERSHIP

1990-1991

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Lisbon, NY 13658
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Frederick, MD 21701
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Cobleskill, NY 12043
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(518)891-5724 JH

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(518)793-3520JH
(518)793-4121, Ext. 296JH

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Wayne counties)
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Honeoye Falls, NY 14472
(716)624-3344JH
(716)424-2500JH

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Richard G. Warner PhD '51
324 Morrison Hall

Student Representatives

Megan Shull '91
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New York, NY 10010
(212)989-4155JH
(212)595-2255JH

Carl Specht '60
(District 4: Putnam, Rockland,
Westchester counties)
Fitch Road, RD #1
North Salem, NY 10560
(914)669-5198JH
(914)232-7118JH

Jacqueline V. Kelder '87
(District 5: Sullivan, Orange,
Ulster counties)
RD 2, Box 24
Accord, NY 12404
(914)626-7284JH
(914)647-6361JH

R. Peters Hubbell, Jr. '80
(District 6: Columbia, Dutchess,
Greene counties)
RD #1, Box A-1
Old Post Road
Red Hook, NY 12571
(914)758-5274JH
(914)876-5367JH

Peter J. Pankowski '74
(District 7: Albany, Rensselaer,
Schenectady counties)
29 Concord Drive
Schenectady, NY 12309
(518)785-3675JH
(518)452-1954JH

David Currey '65
(District 12: Herkimer,
Madison, Oneida counties)
RD #1, Box 348
Erieville, NY 13601
(315)662-3613JH
(315)655-9011JH

Richard Keene '57
(District 13: Chenango,
Delaware, Otsego counties)
Box 31
Gilbertsville, NY 13776
(607)783-2328JH

Charles Baldwin '60
(District 14: Broome and
Tioga counties)
Box 115B Star Route
Maine, NY 13802
(607)862-9338 JH
(607)773-2693JH

(District #14: Tompkins and
Cortland counties)
Vacant

Daniel Fessenden '87
(District 15: Cayuga, Onondaga,
Otsego, Seneca counties)
RD 1 Box 277
Union Springs, NY 13160
(315)252-7855JH

Finley M. Steele '36
(District 17: Chemung,
Schuyler, Yates counties)
653 Euclid Avenue
Elmira, NY 14901
(607)732-6885JH

Charles Hebblethwaite '49
(District 18: Allegany,
Steuben counties)
64 South Street
Belmont, NY 14813
(716)268-7491JH

Hans R. Kunze '82
(District 19: Genesee, Livingston,
Orleans, Wyoming counties)
3887 Miller Rd.
Warsaw, NY 14569
(716)786-2033JH
(716)786-6131JH

Nate Herendeen '64
(District 20: Erie, Niagara
counties)
8000 Mill Road
Gasport, NY 14067
(716)772-7243JH
(716)433-2651JH

Larry Brown '57
(District 21: Cattaraugus,
Chautauque counties)
11 Sall Place
Jamestown, NY 14701
(716)487-0515JH

Charlene Baxter '76
(District 22: New
England region)
PO Box 609
New London, NH 03257
(603)526-6275JH
(603)863-9200JH

(District 23 West: Western
Canada)
Vacant

Aileen Merriam '60
(District 23 East:
Eastern Canada)
RR3, Manotick, Ontario,
Canada K0A 2N0
(613)692-4555JH
(613)239-5379JH

(District 25: Midwest/Central
region)
Vacant

Ex-Officio

Jean F. Rowley '54
Marine Midland Bank
1 Marine Midland Bank
Buffalo, NY 14240
(716)862-0059JH
(716)841-4165JH

State Coordinators

California
Judith R. Cox '61
133 Via Solaro
Encinitas, CA 92024
(619)632-8285JH

Area Captain,
Central California
Robin Margulies '84
77-304 Ohio Circle
Palm Desert, CA 92260
(619)345-9100JH

Area Captain,
Northern California
Denise Meridith
9520 Bedington Way
Sacramento, CA 95827
(916)361-9030JH
(916)978-4743JH

Connecticut
Jane Longley-Cook '69
1 Woodside Circle
Hartford, CT 06105
(203)236-2786JH

Florida
Donald G. Robinson, Sr. '41
125 Camella Trail
Leesburg, FL 34748
(904)787-3644

Area Captains,
Northern Florida,
William Messina '76
409-11 NE 11th Street
Gainesville, FL 32601
(904)375-4868JH
(904)392-6587JH

William Sheek '82
1740 SW 37th Pl.
Gainesville, FL 32608
(904)335-9729JH
(904)392-1870JH

Area Captain,
Southern Florida
Christopher Sweeney '68
1736 S. Curlew Lane
Homestead, FL 33035
(305)245-6814JH
(305)595-4000JH

Massachusetts
Richard Baldwin '71
5 Birch Terrace
Westfield, MA 01085
(413)568-4981JH
(203)529-3373JH

Area Captain,
Eastern Massachusetts
Jody A. Kablack '83
57 Grove Hill Ave.
Newton, MA 02160
(617)865-5248JH
(617)552-7140JH

New Mexico
Wendell Oaks '75
11905 San Victoria NE
Albuquerque, NM 87111
(505)292-6424 JH
(505)865-4684 JH

Pennsylvania
Neal E. Hall, MD '78
815 N. Mount Pleasant Road
Philadelphia, PA 19119
(215)248-4865JH

FACULTY NEWS

James M. Affolter, former curator of the Botanical Garden at the University of California at Berkeley, has been named director of the Cornell Plantations. A specialist in conservation, Affolter is widely known for his innovative educational programs. He succeeds Robert E. Cook, who became director of the Arnold Arboretum at Harvard University. Cornell Plantations is a 2,800-acre living museum of natural and horticultural resources. In addition to developing and maintaining botanical gardens, specialized collections of native and cultivated plants, and the F.R. Newman Arboretum, Cornell Plantations supervises 14 off-campus natural areas, offers courses in a year-round education program, and provides guided interpretive tours for visiting groups. Much of Affolter's work has involved collaboration with academic colleagues, including his spouse, **Catherine Pringle**, a stream biologist who will join the Section of Ecology and Systematics as a senior research associate.

David M. Barbano, an associate professor of food science, has won the American Dairy Science Association's 1990 Pfizer Inc. Award, which includes a \$1,500 cash prize. Barbano was cited for distinguished research and service to the cheese and cultured products industries, including "the identification and correction of factors that cause low cheese yields" and "the development of rapid, accurate testing procedures for the cheese and dairy industry."

The Institute of Food Technologies has presented its 1990 Samuel Cate Prescott Award to **Carl A. Batt**, assistant professor of food science. The award, which carries with it a \$3,000 cash prize, is made by the 25,000-member organization in recognition of "an AFT member 36 years of age or under who has demonstrated outstanding ability in research in food science or technology."

A BBC nature film featuring the research of **Stephen T. Emlen** and **Peter H. Wrege**, "The Bee Team," won the top award for commercial productions at the Seventh Annual Film Festival of the Animal Behavior Society. Emlen, a professor of neurobiology and behavior, and Wrege, a research associate in the section, study the social systems of animals that display altruistic (or helping) behavior, including birds called white-fronted bee-eaters. "The Bee Team" was filmed in Kenya's Lake Nakuru National Park for the British Broadcasting Corporation and has been shown several times on PBS stations in the United States as well as throughout Europe and Central America.

Professor of Agricultural Economics Emeritus **Donald K. Freebairn** received a

1990-91 Fulbright Scholar Grant to lecture at the Colegio de Posgraduados in Mexico.

James Hunter has been named director of Cornell's Geneva Experiment Station, succeeding **Robert A. Plane** who has retired to his family's farm winery. Plane's Cayuga Vineyard, in Ovid, New York. Hunter joined the station in 1972 as chair of the Department of Plant Pathology. His main research interests have been biology and control of airborne bacterial and fungal disease of vegetable crops. Before serving as the station's director, Plane was president of Clarkson University and before that had a 22-year career at Cornell as a researcher, professor, chemistry department chair, faculty trustee, and provost. **Chemistry**, which he co-authored in the 1950s with Cornell colleague Michel J. Senko, became the most widely used college chemistry text in the world. Hunter, the station's thirteenth director, will be responsible for more than 130 research projects carried out in laboratories and on some 900 acres of farmland. These projects address a multitude of problems in the fruit and vegetable industry as well as environmental concerns of consumers and those who live close to farming areas.

Robert L. Last, a research scientist at Boyce Thompson Institute for Plant Research and an adjunct professor in the Section of Genetics and Development, was one of 211 academic scientists and engineers in the nation to receive a National Science Foundation 1990 Presidential Young Investigator Award. The award can mean as much as \$100,000 per year for research for five years in a combination of federal and matching private funds. Last is the first BTI scientist to receive the award.

Alumnus and former faculty member **John S. Niederhauser** is the 1990 recipient of the World Food Prize established by Nobel Laureate Norman E. Borlaug. Borlaug, who won the 1970 Nobel Peace Prize for his contributions to solving the world's food problems said: "Dr. Niederhauser's discoveries have had a dramatic impact on the food-deficient regions of the world. His achievements toward developing a blight-resistant potato variety have affected countries from Mexico to Bangladesh. Niederhauser, who is affectionately known as Mr. Potato by his friends, colleagues, and admirers all over the world, earned a BS degree in 1939 and later joined the faculty. He left Cornell in 1948 to work with the newly formed Mexico-Rockefeller Foundation Agricultural Program. He is credited with making the potato one of Mexico's leading crops. ♦

FACULTY DEATHS

James L. Brann, Jr., '77, professor emeritus of entomology, died July 29 at his residence in Sopchoppy, Fla.

An expert on controlling fruit pests, he retired in 1976 after 35 years on the Cornell faculty. During his tenure, he served as a United Nations agricultural adviser in Canada, Greece, Israel, and Panama.

Survivors include his wife, Doris, a daughter, Bethany Krawiec of Saltsburg, Pa., a son, James Brann III, Hiram, Ohio, five grandchildren, one great-grandchild, and two brothers.

Robert L. Bruce, professor of education and a leader to more than 100 graduate students over the last three decades, died June 18 after a short illness in Ithaca. He was 65.

Bruce chaired more than 70 graduate study committees and specialized in adult and extension education, evaluation, and program development. He coordinated the Department of Education's Adult, Extension, and Continuing Education Program, and he was a visiting professor to universities in Canada, England, and Malaysia.

A native of Nebraska, he received a B.S. degree from the University of Nebraska, and served as a county extension agent before receiving an M.S. degree from Cornell in 1951. For the next nine years he was at the University of Maryland, first as

publications editor and later as assistant state leader for agricultural extension. He received his Ph.D. from Cornell in 1960 and joined the college faculty in 1961.

In addition to his wife, Charlotte, he is survived by his son, Thomas. A daughter, Ann Lynn, died in 1970.

W. J. Hamilton, 87, died July 27 at his home in Ithaca. He was professor emeritus of zoology at the college, from where he graduated in 1926 and taught until 1963. The college awarded him a Distinguished Alumni Award in 1986.

Hamilton's research focused on mammalian behavior, reproduction, cyclic populations, and food and feeding behavior of vertebrates. He was a prolific writer, publishing more than 200 scientific papers, and he was deeply interested in conservation. After retirement in 1963, he conducted studies on native plants, particularly Southern species that might prove hardy in Northern areas. The American Rock Garden Society awarded him its Picea Award in 1986 for introducing many new plants into American gardens.

He is survived by his wife, Nellie, two daughters, Ruth Fisher of South Dennis, N. J., and June Hamilton of North Rose, N. Y., a brother and several grandchildren and great-grandchildren. ♦



During a recent dinner in Maine, Associate Dean Kenneth Wing, (right) listens to Jane Longley-Cook '69 as friends look on. From left, Richard Libby, Alastair Longley-Cook '69, and Wendy Trozzi Libby '72.

ALUMNI NOTES

by Beth Bennett '91

10

Edward L. Bernays '12 of Cambridge, Massachusetts, continues to garner awards for his contributions to public relations. *Life* magazine recently named him one of the 100 people who most influenced 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.

20

Susan R. Bruster '27 lives in Ithaca and spends most of her winters in Florida. She has 13 grandchildren and 15 great grandchildren. Her specialty is making rag dolls, which she gives to her great-grandchildren and her friends' grandchildren.

30

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

Samuel R. Levering '30 of Ararat, Virginia, helped negotiate the Law of the Sea Treaty 1972-1982.

Duane 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.

Raymond DeNagel '38 of Williamston, NY, is retired as past president of Ag Chem Service Corporation and was the first president of the Pesticide Association of NYS.

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.

40

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

Richard A. Shotwell '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 S. Cosmide '44 of Clearwater, Florida, has retired as a supervising probation officer at the U.S. District Court in Foley Square, NYC.

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 Caledonia, NY, retired after 40 years of teaching and working as the town assessor. He is now managing his real estate investments.

50

Nancy A. DeGroff '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

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

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

Paul Paffendorf '59 of Ridgewood, NJ, is the regional sales manager for Solvay Animal Health.

60

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. Dwyer DVM '66 of Sodus, NY is practicing veterinary medicine, specializing in orthopedics. Other alumni in the family include his wife 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.

Ira M. Lipsky '69 of DeLand, Florida, has worked as a counselor/educator in the community and for school systems. He has also recently written a chapter in the book *Managing Multiple Sclerosis*, 2nd Edition, by Dr. John Wolf.

70

J. Squire Junger '71, MBA '72, deputy worldwide director for Arthur Andersen and Company, has been transferred to 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 Charlestown, Md, received his Masters of Divinity from Lancaster (Pa.) Theological Seminary in May 1990.

Barbara M. Ross '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.

Marguerite 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 Henrickson '78, DVM '83 of Manhasset, NY, owns and operates his own veterinary practice. Henrickson 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.

80

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

Derick W. Adams '81 was recently named vice president and trust officer of the trust-accounting and record keeping

Membership



College Alumni Association

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

Name _____ Class year _____

Student ID Number _____ Major _____

Home Address: _____

City _____ State _____ Zip _____

Telephone Number _____ County _____

Business Title or Occupation _____

Street _____

City _____ State _____ Zip _____

Telephone Number _____ County _____

Biographical Notes: _____

Use separate 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 \$65 a year for 3 years*

* 30% discount for joint memberships only

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Please make your check payable to **ALS Alumni Association**

Mail to: Office of Alumni Affairs and Development,

268 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.

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

Donald Schaffner '83 of Freehold, NJ, has joined Rutgers University as the extension specialist in food science. Schaffner 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 Oneida County and are now full-time dairy farmers.

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

Julianne M. Mastiny '86 of Chesterfield, Md, is attending Logan College of Chiropractic and expects her degree in April 1991.

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

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

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

Jeff Matriccino '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 Avitahl '88 of NYC is completing work toward a PhD in molecular biology and immunology at Columbia University.

Tracy L. Keller '88 of Owego, NY, has joined Columbian Mutual Life Insurance Co. as a marketing specialist. She will be marrying Cornellian Philip Wiles '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.

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

90

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



Beth Bennett '91

THE YOUNG ALUMNI SECTION



by Megan Shull '91

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
Communications
Manager of Entertainment Programming
ABC Radio Networks
Air Personality
WYNY 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 than 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
Sax 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 spread sheets 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 in at Central Park and watch the leaves change color. Winter you will find me at home staying warm and reading a fantasy epic. Come spring I enjoy light jogging. [Xavier is a former Cornell track star.]



Karin 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 Siskin, 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-glide.



Dan Fessenden '87
Ag Economics
Legislative Coordinator
Republican Steering Committee
N.Y. State Assembly
(Chairman, Assemblyman
Richard Coombe '64) Cayuga 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.



Ellese 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.

Pure Adirondack Maple Syrup

Uihlein Sugar Maple Research-Extension Field Station
Lake Placid, N.Y. 12946
1 Quart (32 FL. OZ.) .946 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 Uihlein 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:

Size	Price by Zip Code Prefix	
	01 to 50	51 to 99
Pint	\$8.90	\$9.50
Quart	13.20	14.25
Half-gallon	20.90	22.40
Gallon	35.70	38.40

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

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

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Name _____ Class Year _____
(Please Print)

Alum? Faculty? Friend? I.D. _____

Former Address _____

New Address _____

Phone (Home) _____ (Office) _____

Occupation _____

Personal News _____

(Use separate sheet of paper if necessary)

CALENDAR 1990

- November 29**
ALS Alumni Leadership Team meeting. San Diego, Calif. Judy Cox '61 Coordinator.
- November 30**
ALS Alumni Leadership Team meeting. Riverside/LA area. Robin Marguleas '84 area captain.
- December 24-January 2**
Cornell offices closed. ALS Development phones will be answered.
- January 31**
Retired New York State Extension Agents Luncheon. Florida. Extension Director Lucinda Noble, speaker. Details pending.
- April 5-6**
ALS Alumni Association Committee meetings and Board meeting. Noon-Noon. Roberts Hall.
- April 16**
Dean-Alumni Get-Together. Allegany, Steuben Counties. Hornel Coachlight Steak House. Charles Hebblethwaite, Director. Dean David L. Call, speaker.
- May 2-3**
College Advisory Committee Meeting. Ithaca.
- May 26**
Graduation, ALS family reception.
- May 29-June 2**
National Agricultural Alumni and Development Conference. Louisville, Ky.
- June 6-9**
ALS reunion weekend.
- June 7**
ALS Alumni Board Meeting.
- June 8**
ALS Reunion breakfast and annual meeting of the ALS Alumni Association.



Edgerton Teaching Award recipients were recognized during the June ALS Alumni Reunion Breakfast. The award was established in 1960 to recognize outstanding teaching among faculty in the College of Agriculture and Life Sciences. From left, back row, Professors Robert Mower, Richard Warner, Russell Martin, and Kenneth Robinson. Front row, Mrs Edith Edgerton, Louis Edgerton, Richard Applin (1980 recipient), John Seelby, and William Kelly.

CORNELL UNIVERSITY

Alumni Affairs and Development
268 Roberts Hall
New York State College of Agriculture
and Life Sciences
Cornell University
Ithaca, New York 14853

Dated Material • November 1990

CORNELL UNIVERSITY AGRICULTURE & LIFE SCIENCES NEWS

For Alumni and Friends of the College of Agriculture and Life Sciences

Winter 1990

Cornell Launches Campaign to Raise \$1.25 Billion



Frank H. T. Rhodes, President of Cornell University, addresses the beginning of the capital campaign.

"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."



David L. Call '54, Dean of the College of Agriculture and Life Sciences.

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)

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