

# notre dame report

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# the university

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## campaign for notre dame

The University's recently completed "Campaign for Notre Dame," which raised \$180.5 million, is ranked ninth in size in a current report on major fund-raising campaigns in American higher education.

A total of 143 institutions were listed by Brakeley, John Price Jones, Inc., a Connecticut fund-raising consultant firm, as having planned, ongoing or recently completed development campaigns of at least \$15 million.

Ahead of Notre Dame were the following universities: Case Western Reserve, Cornell, New York, Pennsylvania, Southern California, Vanderbilt, Yale and one institution that requested confidentiality.

The "Campaign for Notre Dame's" target was \$130 million, primarily for endowment, and the amount raised in four years was 138.4 percent of the goal.

The University's current Athletic Endowment Fund campaign, begun last September, reported 7.8 million in gifts and commitments to date. Its purpose is to relieve financial pressures on the University's sports program by providing, for the first time in Notre Dame history, an endowment especially for athletics. It is also the first time money has been sought by the University solely for athletic purposes.

## hesburgh to receive 90th honorary degree

The name of the University's president, Rev. Theodore M. Hesburgh, C.S.C., will go into the Guinness Book of Records this spring as he eclipses Herbert Hoover's 89 honorary degrees.

Father Hesburgh, who will be 65 this May and who recently agreed to five more years as Notre Dame's president, received his first LL.D. from Le Moyne College in his hometown of Syracuse, N.Y., in 1954, two years after becoming president of Notre Dame. His 90th honorary degree will come June 12 from Kalamazoo College in Michigan.

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# faculty notes

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## honors

Eileen T. Bender, assistant professor of English, was the honored guest at the Annual Tribute to Women Dinner sponsored by the South Bend Community School Corporation at the Century Center, South Bend, Ind., April 28.

James J. Carberry, professor of chemical engineering, has been elected to the Cambridge Philosophical Society of Cambridge University, Cambridge, England, where he is currently a Visiting Research Fellow.

George B. Craig, Jr., Clark professor of biology, has accepted an appointment to become a member of the Parasitic Diseases Subcommittee of the U.S. Army Medical Research and Development Advisory Committee.

Dolores Warwick Frese, associate professor of English, was recently named as recipient of the Distinguished Service Medal awarded annually by the Institute of Women Today, a national coalition of church-related Protestant, Catholic and Jewish women's organizations searching for the religious roots of women's liberation.

William H. Leahy, professor of economics, has been named to the Board of Editors of The Texas Business Review, University of Texas.

Jerry J. Marley, assistant dean of engineering and associate professor of civil engineering, received the Outstanding Teacher Award during the College's ninth annual Honor Awards ceremony, April 16.

## activities

Hafiz Atassi, professor of aerospace and mechanical engineering, was the chairman of the Ninth Annual Fluid Mechanics Retreat for Midwestern Universities held at Geneva Center, Rochester, Ind., April 15-17.

Harvey A. Bender, professor of biology, delivered a talk on "Medical Genetics in the '80s" to the College of Sciences and Mathematics, University of Texas, San Antonio, on March 26. He spoke on "Medical Genetics, Ethics and Law" as the "Recognition Award Lecture" at the Sigma Xi Awards Dinner to the Indiana University Sigma Xi Chapter, Bloomington, Ind., April 6. He presented a lecture on "Genetics, Evolution and Man" to the Peoria Area Sigma Xi Club, Peoria, Ill., on April 27. "Ethical Issues in Medical Genetics" was his topic at the Chaplaincy Program of Memorial Hospital, South Bend, Ind., on April 30.

John G. Borkowski, professor of psychology, presented a colloquium, "Metacognition and Intelligence," at Pennsylvania State University, University Park, Penn., on Feb. 18. He served on an NIH Human Development study section in Washington, D.C., on March 8-9. Borkowski presented a paper on "Metacognition: Theoretical and Applied Implications" at the University of Leuven, Belgium, on March 16. He presented an invited address on "Research on Cognitive Functioning in the Year 2001" and a paper (with Molly Reid) on "The Effects of Ritalin on Information Processing in Hyperactive Children" at the Conference on Research and Theory in Mental Retardation, Gatlinburg, Tenn., April 28-30.

Rev. James T. Burtchael, C.S.C., delivered a lecture on "A New Method in Pastoral Theology" to the directors of religious education of the Trenton Diocese in Princeton, N.J., on April 30.

Alan B. Cain, assistant professor of aerospace and mechanical engineering, was invited to present a lecture on "Three-Dimensional Turbulence Simulation: A Time Developing Free Shear Layer" to the Department of Mechanical Engineering at the University of Michigan, Ann Arbor, Mich., on April 9. He presented a paper entitled "Corner Flow Driven by a Moving Boundary" and chaired a session at the Ninth Annual Fluid Mechanics Retreat for Midwestern Universities held at Geneva Center, Rochester, Ind., April 15-17.

George B. Craig, Jr., George and Winifred Clark professor of biology, presented a paper entitled "Developments in Medical Entomology in 1982" at the annual meeting of the Indiana Vector Control Association held in Muncie, Ind., Feb. 28-March 2. He also presented a seminar on "Treeholes, Trees and Encephalitis" to the Entomology Department at Iowa State University, Ames, Ia., on March 12.

Theodore J. Crovello, professor and chairman of biology, presented an invited paper entitled "Computers in Bioeducation: An Overview and Integration," at the annual meeting of the National Association for Research in Science Teaching, held at Lake Geneva, Wis., April 6.

Maura A. Daly, assistant professor of modern and classical languages, delivered a talk entitled "Eric Gill: A Life Sculpted by Work" at the Fellowship of Catholic Scholars' Meeting, Chicago, Ill., March 26. She also presented a lecture on "The Word as Would-Be Logos in Jean-Paul Sartre's *Les Mots*" at the Hope College Conference on "Christianity and Literature," Holland, Mich., April 23.

Fabio B. Dasilva, professor of sociology and anthropology, presented a paper entitled "Adorno's Culture, Industry and Aesthetic Theory: A Critical Essay," (with Jeffrey L. Crane) at the Midwest Sociological Association Annual Meeting, Des Moines, Ia., April 8. He presented a paper entitled "International Style and Late Modern Architecture: Ideological Dimensions" in a panel on Architecture and Sociology, held at the annual meeting of the Southern Sociological Society, in Memphis, Tenn., April 14-17.

Leo A. Despres, professor of anthropology, delivered the opening paper, "Ethnicity: What Theory and Data Portend for the Future of Plural Societies," at a plenary session of the American Ethnological Society in Lexington, Ken., April 8-10.

Thomas L. Doligalski, assistant professor of aerospace and mechanical engineering, chaired a session at the Ninth Annual Fluid Mechanics Retreat for Midwestern Universities held at Geneva Center, Rochester, Ind., April 15-17.

James P. Dougherty, professor of English, was an invited participant at a symposium, "Civitas: Christian Views of the City," sponsored by the Yale Divinity School, New Haven, Conn., April 15-17. He presented a paper on "Exiles in the City of Man: The Heritage of Augustine."

Denis Goulet, William and Dorothy O'Neill professor of education for justice, gave an invited lecture on "Value Conflicts in Mexican Development Alternatives" at the University of Kentucky in Lexington on April 5. He was interviewed by University of Kentucky Educational TV on "Understanding the Third World" on April 6.

Janusz Grzedzinski, a postdoctoral assistant in aerospace and mechanical engineering, presented a paper on "Integral Formulation and Uniqueness in Unsteady Airfoil Theory" at the Ninth Annual Fluid Mechanics Retreat for Midwestern Universities at Geneva Center, Rochester, Ind., April 15-17.

John A. Halloran, associate professor of finance, presented a paper entitled "A Reexamination of the Inflation Bias in the Evaluation of Capital Investments" at the Midwest Finance Association in Chicago, Ill., on April 3.

John W. Houck, professor of management, lectured and led a series of workshops on "Business Ethics" for the faculty and students, School of Business and the professional staff, United Campus Ministry, Murray State University, Murray, Ken., March 28-30.

Stephen D. Kertesz, professor emeritus of government and international studies, was a discussant in a conference on "U.S. Business and Economic Relations with Eastern Europe" at the University of Kansas, Lawrence, Kan., March 25-26.

John R. Malone, professor of marketing, conducted two seminars, "Financial Analysis" and "Marketing Strategy," for the Management Conference of the Amusement and Music Operators Association held in the Center for Continuing Education, Notre Dame, Ind., on March 5 and 6.

Rev. Richard McBrien, Crowley-O'Brien-Walter professor and chairman of theology, gave a presentation on "The Parish: The Church in Microcosm" at the National Federation of Priests' Councils in Kansas City, Kan., May 4.

Mark A. McDaniel, assistant professor of psychology, presented a paper entitled "Effects of Intervening Tests on Recognition and Recall" at the annual meeting of the Southeastern Psychological Association, New Orleans, La., March 24-27.

Rev. Ernan McMullin, professor of philosophy, gave the opening paper, "Arguing for Scientific Realism," at a conference on Scientific Realism at the University of North Carolina at Greensboro, March 26-28.

Marvin J. Miller, assistant professor of chemistry, (with Peter J. Maurer) presented a paper titled "Microbial Iron Chelators: The Total Synthesis of Aerobactin and Its Constituent Amino Acid N(6)-Acetyl-N(6)-Hydroxylysine" at the 183rd National Meeting of the American Chemical Society, Las Vegas, Nev., March 28-April 1. Miller also presented a second paper (with J.S. Bajwa, P.G. Mattingly and K. Peterson) entitled "Enantioselective Syntheses of 3-Substituted-4-Carboalkoxy-2-Azetidinones from Malic Acid and  $\beta$ -Hydroxy Aspartic Acid" and chaired the session on "Synthesis - Polyenes and Vitamins."

He gave a seminar, "Synthesis of  $\beta$ -Lactams from Hydroxamic Acid," at the Department of Medicinal Chemistry and Pharmacognosy at Purdue University, West Lafayette, Ind., April 15.

Thomas J. Mueller, professor of aerospace and mechanical engineering, presented a lecture, "Performance of Airfoils at Low Reynolds Numbers," at NASA Headquarters in Washington, D.C., on April 16.

William D. Nichols, assistant professor of accountancy, gave an invited lecture, "Security Price Reaction to Stock Splits: Review, Interpretation and Extension," at the Institute of Banking and Financial Markets, Graduate School of Business Administration, Washington University, St. Louis, Mo., on March 26.

William O'Rourke, assistant professor of English, gave a reading from his novel, *Idle Hands*, at Western Michigan University in Kalamazoo, Mich., on April 9.

Norlin Rueschhoff, associate professor and chairman of accountancy, was a discussant at a session on "International Accounting" at the Midwest Business Administration Association meeting held in Chicago, Ill., on March 25.

Leonard M. Savoie, professor of accountancy, was a panelist discussing "Evolution and/or Revolution in the Financial World" before The Economic Club of Southwestern Michigan at Benton Harbor, Mich., March 30. He was chairman and presided over an all-day Professional Development Conference on "Managerial Uses of Inflation - Adjusted Data" sponsored by Financial Executives Institute in Chicago, Ill., on April 13.

Howard J. Saz, professor of biology, was an invited seminar speaker on "Parasite Biochemistry as Related to Chemotherapy" at the Department of Medicinal Chemistry, College of Pharmacy, University of Michigan, Ann Arbor, on Jan. 28.

Janet Smith, instructor in the program of liberal studies, gave a talk entitled "A Feminist View of Abortion" for Respect Life Week at Notre Dame on March 29. She defended the pro-life view of abortion at Bethel College for the St. Joseph County Right to Life on March 31.

Erhard M. Winkler, professor of earth sciences, gave an invited lecture on "Acid Rain and the Decay of Our Monuments" for the College of Science Distinguished Scientist Lecture Series, Notre Dame, Ind., March 24.

Stephen T. Worland, professor of economics, served as a discussant at the annual meeting of the Midwest Economics Association, Chicago, Ill., April 1.

K.T. Yang, professor of aerospace and mechanical engineering, was invited to present a lecture entitled "Turbulent Buoyant Flows in Complex Enclosures (Aircraft Cabins)" for the Colloquium Series on Fluid Dynamics sponsored by the Technological Institute, Northwestern University, Evanston, Ill., April 13.

John H. Yoder, professor of theology, delivered a talk on "The Church's Power and Powerlessness in Mission" at a conference on "Global Solidarity in Theological Education" sponsored by the Chicago Cluster of Theological Schools, Chicago, Ill., April 23.

## Erratum

Editor's Note: The following correction to Notre Dame Report # 15 was brought to the editor's attention. The underlined portion is the correct change to be made.

Suzanne Kelly, former assistant professor in the program of liberal studies (1965-1971), has been appointed director of the Center for Pastoral and Social Ministry's Religious Leaders Program.

# documen- tation

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## eulogy for William M. Burke

(Homily delivered by Rev. James T. Burtchaeil, C.S.C., professor of theology, at the funeral of William M. Burke, professor emeritus of English, Sacred Heart Church, April 13, 1982.)

Bill Burke was a Connecticut boy who, when it came time for him to go to college, enrolled at Duke University. His fellow students thought so well of him that they elected him the president of the freshman class, and of the sophomore class, and of the junior class, and in his senior year of the entire student body. He played baseball there, an interest which he persevered in even after he put his mitt away. In 1935 Duke awarded him his bachelor's degree in English and history and he continued on there to earn the master's degree in English two years later. There then followed a much longer and more venturesome pursuit of his doctorate. In order to support himself he taught part-time at the Peddie School near Princeton, his own prep school, and at Georgian Court College, and he even made a few dollars by doing book reviews for the Trenton Times. He was enrolled at the University of Pennsylvania in those days.

He and Eleanor married and then it came time for Bill to go off to the war, leaving Eleanor with Kathy (or Kathy with Eleanor). Eleanor remembers that there weren't very many dollars in those days. I expect there were fewer still when Bill was an infantry private. However, he was quickly made an officer and was discharged as a first lieutenant who, in his later days, exercised responsibilities in the military beyond what are usually given at that rank. Back it was then to graduate school and to the same part-time jobs and to a son, Bill, Jr. In 1949 the degree he had worked so hard for, while being a husband and father and a soldier, was awarded him. And in that same year he came here, thirty-three years ago, as an assistant professor of English. It was here that Peter, their third child, was born.

Pretty quickly the University saw Bill's particular gifts and in 1954 he was given responsibility for student counseling in our two largest colleges, Arts and Letters and Commerce (now Business Administration). In 1961 when the Freshman Year was being created Bill was a founder of that program, which has done so well since then. He was its first dean. Many people still instinctively have called him "Dean" from those days. In 1971 Bill became assistant provost and stayed in that office doing so many good things until his retirement just a few years ago. And Saturday, Holy Saturday, Bill died on his own 71st birthday.

In honoring him we have listened to the Emmaus story (Lk. 24). Some people who were disposed to believe great things of Jesus were, in the twilight of Easter day, walking across the countryside so crestfallen at having lost him. They fell into step with a stranger who drew them out and then began to confuse and eventually to enlighten them by explaining that this man they thought so well of was in fact far greater than they had known -- and differently great.

I take that as a wonderful text for us today at Bill's funeral. We are all here because we know Bill was and is a great man. But it's a good time, in the Easter light, to reflect on how he may have been greater still than we had noticed. Last night at the wake I met a lady whom I have known for some years. I didn't realize that she was a friend of the Burke family and she explained to me that that was not the reason for her coming. Her son, when he was an undergraduate here, had owed a great deal to Bill and I remember her son when he was here and he was one of those many students who probably should not have graduated, except that he fell into Bill's hands and was recycled. Now he is a very fine young man: a husband and a father with a Notre Dame degree and a good Notre Dame memory.

Bill performed a function at the University which is modeled after the mythical picture of Mary who stands at the side door of heaven shooing in a number of rejects from the front door. Bill always had a wonderful eye for students who faltered or failed; he was so encouraging that he got them back into their pride again and gave them a second chance. I think there were a few who had a third; Bill always gave you at least one more than most other people. Even when his administrative work occupied him at some distance from students, those who did deal with him sensed immediately a friend. We don't always show students the friendship that we have. Bill sometimes showed it for us, for the rest of us.

Bill also spent untold hours of his life sitting on committees. Committees, if they accomplish anything, encounter the difficulties of academic ego, entrenched habit and possessed turf. A number of the committees Bill sat on probably accomplished more than they otherwise would have because of the wonderful Nobel-quality skills that he had in making people who had very good reason to dislike one another reach an amiable conclusion. There is very little credit given to people who do that sort of quiet negotiating at table. Many of us who worked with Bill and were helped by him in that kind of work came to take him for granted.

Well, now, that was the whole point about Bill. He was a man of such indefatigable patience and such helpful and exquisite manners, he was so amiable, with such apparent ease brought the best out of so many of us, that we came, I think, to imagine that this was simply a matter of temperament. Bill was one of those people who simply got along with everyone and helped us do the same. I don't think it was just a matter of temperament. The two men who spent the night in the inn at Emmaus came to realize that the man who had been their hero really had his way with them only at the cost of suffering. He was not a man that they had associated suffering with in their own minds. But the stranger explained to them that it was at no small cost that he came into his kingdom.

I think that it was at no small cost that Bill moved among us with such good will, such infectious good will. He was a man of really very stubborn convictions. This found its symbol in his collection of neckties which I hope Eleanor will be good enough to give to the Smithsonian Institution as a record of a man who knew what he liked and stayed with it. We used to tease him a good deal about that and about the golf games that he played at indecent hours of the morning (I always figured he had to climb the fence to do it), and also the wonderful cordiality that he introduced into a room. But he was a man of very strong feeling. He was the kind of man he decided to be. Nobody pushed him around in his soul.

He had a very intense sense of fairness and a number of times I saw him bring together people of stiff will by taking on himself the brunt of a certain amount of their starkness. And there were times when he could be and was quite annoyed. I understood a little more how he did this when Kathy described to me his special room in the basement which I had not heard of. She explained that when he began to get up a real head of steam there was a room to which he would retire and play solitaire silently. It made me wonder how many games of solitaire I might have cost him.

I think we all probably cost him a few games, because Bill, at no small cost, brought cheerful agreement and a sense of what we should be doing to all of us who worked with him. This also carried out to those beyond the campus whose relationship with him was a personal one. There are a number of deans in the church who know better than most others what it takes to be an administrator of principle and yet to secure good will from the people around you. Bill was so good at that. There is a large number of priests here, not simply out of affection for Bill, but because he was one of those many who worked here whose spirit brought so much that is priestly to the campus that he was really doing Christ's work quite as much as any of us and at times probably a good deal more.

Bill died in character. If we do not have an untimely and abrupt death, then death is not simply something which befalls us but something that we do. And the end of Bill's life was something that he did. I would have to say that if Christians have any right to speak of a happy death Bill's was as happy as could be.

At the end of the Book of Genesis the old patriarch Jacob, nearing the end of his life, lays on each of his twelve sons a very particular blessing in the form of a poetic oracle. It seemed to me that as Kathy and Bill and Peter were standing round their father he had already passed on to them in blessing three very particular portions of his own gifts. There, for a short while, in his weariness they did for him the same simple services which he had done for them so many years past. Near the end of his life Bill was really no longer able to eat, yet one of the last questions I heard him ask was whether his family had had their dinner yet. That was Bill. He intruded into everyone's life to make sure that they were taken care of. As at Emmaus, here we are breaking bread together and thinking back and remembering with God's grace that Bill was not only a great man to whom we looked with great respect: he was a man in whom God's spirit lived and he did so much good for all of us. We retain that gift that he gave us in his departure. We bless him for it. We thank Eleanor in particular for sharing Bill with us for those many years.

Surely Notre Dame would be proud to be judged by a man like Bill Burke. Surely Christ would too.

## introductory address at eucharistic celebration on the tenth anniversary of coeducation

(Following are the introductory remarks made by Assistant Provost Sister John Miriam Jones, S.C., at the Anniversary Mass celebrating a decade of coeducation at the University, on April 18.)

My brothers and sisters in Christ and in Notre Dame, we assemble this night for prayerful celebration. As it is part of our human urgings to rejoice in what we recognize as good by some form of celebration, so it is part of our Christian nature to celebrate the good in the context of the Lord's Supper. Our presence here tonight grows out of our recognizing a special good in the last ten years of Notre Dame's 140-year history. A decade ago this institution responded to a new consciousness of the propriety and wholesomeness of a University's offering its learning and living to men and women.

A scholar in isolation is an anomaly. One's own learning is synergized by that of others. Faculty and students learn from their own peers and from each other. So, too, men and



women learn from having access to one another's wisdom, goodness, style, and friendship. It has happened here and it has been good. This calls for celebration. And it also calls for the gratitude of Notre Dame men and women to each other -- and to the Lord.

But ten years is really just a beginning. In a modern Church and in our society where change is the currency of life, we are anxious to learn quickly from our experiences so as to prepare for ever fuller living -- all the while careful to treasure that which is changeless. What is it that we have learned from this decade and from its men and women? As is basic for any true learning we have refined some compelling questions. We know what to ask about men and women together at this place and in the world beyond -- and we have begun to pose some answers. In focusing those questions and in daring some answers we are discovering today's Notre Dame man and woman -- a rich discovery indeed for they are the heart of the place, the locus of its importance. Thanks to an artistic handling of technology a few of these people have come home tonight to give witness to these truths and to begin our celebrating what is good. Let us look. Let us listen. Let us be proud and glad and prayerful.

## coeducation anniversary mass homily

(Homily delivered at the Tenth Anniversary of Coeducation Mass, Sunday, April 18, 1982, by Sr. Jane Pitz, C.S.J.)

"On the evening of that first day of the week, the disciples were gathered...." What a blessed coincidence that tonight we find ourselves, men and women, sisters and brothers, gathered together, in the dark of the night, within closed doors and walls a week after celebrating the resurrection of the Lord just as those first friends of Jesus found themselves. And in the midst of the fear and the unknown Jesus came, stood, and uttered, "Peace be with you." Side by side we sit in the presence of this lighted candle to hear the Word and to break and share the Bread.

Have you ever wondered why there is no symbol as pervasive for Easter as the cross is for Good Friday? The cross has been appropriated -- worn by some, placed in homes, carried in processions, placed on dashboards and proliferated through centuries. The empty tomb, the Paschal candle, water and the Easter lamb are important, but not universal, not enough. And we might see this failure as all to the good. It faces us squarely with the reality that indeed we are the symbol. We are meant to be the sign of the resurrection! You -- the person next to you -- each of us and all of us -- we are meant to be the sign, raised up in the company of Christ by the quality of our lives, the choices made in our living, by hope and love and faith. The whole company of us witness with power to His resurrection! We proclaim by our individual and collective life to the world that life is meaningful. The grave is not the end, and the kingdom, the dream of a genuine humanity, is possible and begun!

The existence of a Lord, risen and gloriously present in the human family is not proven by images. Even putting one's finger into his wounds will not necessarily change the quality of a person's life. Humanity will not be transformed by logic or apologetics but by a lifestyle so out of synchrony with popular culture that people will be led to question their old vision of reality. They will take the chance of believing for the sake of gaining the new vision.

The presence of the risen Lord is believable only in the life of a community so convinced of this presence in every member that the world's usual criteria of ownership and domination, power and support are seen as worthless and are replaced by a unity of mind and heart that demands that other interests become primary.

So tonight, we have questions to ask of ourselves: Just who am I? How do I live? Have I freed myself from the fears and anxieties that entomb and hold me prisoner? Do I free my friends and the world from entombment through my healing and hope? Am I light and joy to others? Or do I become so encrusted that any belief in the meaningfulness of life is buried? Do I allow the waters of "things" and "work" to overwhelm me with preoccupation or do I immerse myself in trust and faithfulness? Do I give life by dying to my own selfishness, or withhold it from myself and others by refusal to reach out? Are we dead or alive people? Does the peace of the risen Jesus fall on fertile ground and spread its roots deeply? Do we live breaking and distributing the substance of our lives to each other?

Each of us has a collection of stories bottled up inside that, pulled out and reflected upon, tell us in clear and unfaltering words of the presence of the risen Jesus in our midst. There was a beautiful story in *The Observer* last Friday which traced the experience of a young woman student with a much older woman, now living in a nursing home. Their relationship unfolded over a period of time in which they gave and took from each other.

The young woman said, "It is the empty space she created in her heart for me that I will always remember.... I kept tripping over all my words, I was trying so hard to choreograph our friendship, to avoid a wrong step, that I found it difficult to move. So I began to take my cues from Josephine.... There were days when she thought all she could give me was a weak smile. She answered my questions with a faint pressing of her hand in mine.... She was not embarrassed about weaknesses.... She had drunk deeply at the well of sorrow and was unafraid of its waters. She offered me a cool drink. Those wounds of loneliness and age had become for Josephine an anchor for identity and a source of great beauty. Her loss, her 'empty space' invited her to be compassionate toward all those who bear witness to her gentle touch. I was learning to dance by becoming a partner."

Partners. Perhaps that's what it is all about. I spent the weekend with young men and women, engaged, and very much in love. It's a wonderful experience to be in the company of those whose love is so evident and spilling over. I felt included in a partnership with them, included in their love, if only for a weekend. Seeking the depths of intimacy with them. Creating an environment in which trust and love and honesty of feeling can be probed and experienced with all the pains and doubts that always accompany it.

We remember and we know how painful and faulty the steps toward unity of heart and mind in Christ can be. But we are faced again and again with the experience of men and women who were transformed precisely when belief was grounded in the experience of Christ leading, calling and gesturing -- calling one and all beyond themselves.

Thomas Merton, the Trappist monk, wrote:

For, like a grain of fire  
Smouldering in the heart of every essence  
God plants his undivided power --  
Buries his thought too vast for words  
In seed and rock and blade and flower,  
  
Until in the amazing light of April  
Surcharging the religious silence of spring  
Creation finds the pressure of His everlasting secret  
Too terrible to bear...

Do we find this secret of the risen Jesus "too terrible to bear"? Are we a "bursting open" people? This week, with its warmth and sunlight, has initiated us to the rhythm of growth. We emerge from the frozen, bleak wasteland of winter. Clothes which allow the sun to touch our bodies are put on. Wools and boots are put away, we hope for good. We've forsaken rooms and walls for space and ground. An Tostal calls us outward to the "courts" and to frolicking on the fields. Our physical beings feel different. And we are invited, summoned to stir our inner beings, to see with such a vision, to love with such a passion, to die with such abandon that those we hold responsibility for will bless us. It is time to do the crazy, to splurge, to ask the embarrassing and believe the absurd. To offer the word of hope, lifting the fractured and despairing spirits. He comes! He is here! He remains!

We heard Nancy Haegel, last year's co-valedictorian, say:

"We have studied and lived at a special place, a place where people are not afraid to dream and to commit themselves to making those dreams come true....The vision is ours to keep and it has been entrusted to our keeping. Our theme is not merely live and let live, but live and share life fully."

We are summoned tonight to make poetry of the darkness,  
to rouse stumbling hopes  
and become each other's patience.

Our lives may rebuke us for being so wastefully spent  
and then wander off with large sad dreams of how a courage or freedom  
here and there might have burst the contours of the ordinary,  
small spot we have made on earth.  
How sad -- how very sad that would be!  
But  
in this spring of our resurrection  
there is light and hope and beckoning  
to discover freshened land  
in which to make new footprints!

# summary of financial aid provided for all students

Academic Years 1980/81 and 1981/82  
EXHIBIT I

Types of Aid Provided	Academic Year 1980/81 Final Run			Academic Year 1981/82 Final Run		
	No. of Students	Average Award	Total Amount	No. of Students	Average Award	Total Amount
SCHOLARSHIPS - UNIVERSITY ADMINISTERED						
Endowed Funds of the University	1,270	1,021	1,296,173	1,431	1,069	1,529,369
Current Funds of the University	14	6,060	84,846	12	6,334	76,011
Current Contributions	297	1,621	481,469	288	1,831	527,538
TOTAL	<u>1,581</u>	<u>1,179</u>	<u>1,862,488</u>	<u>1,731</u>	<u>1,232</u>	<u>2,132,918</u>
OUTSIDE SCHOLARSHIPS						
State Scholarships Received	452	1,342	606,404	467	958	447,420
Brought to University - Various	555	1,005	585,310	608	1,429	869,052
TOTAL	<u>1,007</u>	<u>1,183</u>	<u>1,191,714</u>	<u>1,075</u>	<u>1,225</u>	<u>1,316,472</u>
TOTAL REGULAR SCHOLARSHIPS	<u>2,588</u>	<u>1,180</u>	<u>3,054,202</u>	<u>2,806</u>	<u>1,229</u>	<u>3,449,390</u>
ROTC AWARDS						
Army	126	4,668	588,239	149	5,157	768,465
Navy	256	4,647	1,189,877	274	5,151	1,411,384
Air Force	168	4,518	758,846	170	5,070	862,031
TOTAL	<u>550</u>	<u>4,613</u>	<u>2,536,962</u>	<u>593</u>	<u>5,130</u>	<u>3,041,880</u>
TOTAL ALL SCHOLARSHIPS	<u>3,138</u>	<u>1,782</u>	<u>5,591,164</u>	<u>3,399</u>	<u>1,910</u>	<u>6,491,270</u>
GRANTS-IN-AID, REMISSIONS, SERVICE CREDITS, ETC.	1,432	4,991	7,146,645	1,545	5,392	8,331,091
UNIVERSITY PART-TIME EMPLOYMENT	1,106	1,015	1,122,815	1,188	1,103	1,310,417
TOTAL INSTITUTIONAL AWARDS	<u>5,676</u>	<u>2,442</u>	<u>13,860,624</u>	<u>6,132</u>	<u>2,631</u>	<u>16,132,778</u>
FEDERAL ASSISTANCE PROGRAMS						
National Direct Student Loans	1,596	975	1,556,300	1,288	973	1,253,900
Supp. Educational Opp. Grants	729	744	542,082	629	727	457,392
College Work-Study (80%)	1,381	576	795,129	1,077	590	635,840
Basic Educational Opp. Grants	1,085	903	979,636	979	880	861,972
Guaranteed Student Loans	4,180	2,559	10,698,294	4,747	2,647	12,563,206
Parent Loan for Undergrad Students	-	-	-	102	2,784	283,974
TOTAL FEDERAL AWARDS	<u>8,971</u>	<u>1,624</u>	<u>14,571,441</u>	<u>8,822</u>	<u>1,820</u>	<u>16,056,284</u>
GRAND TOTALS	<u>14,647</u>	<u>1,941</u>	<u>28,432,065</u>	<u>14,954</u>	<u>2,153</u>	<u>32,189,062</u>
Unduplicated No. of Students Aided	6,836			7,203		
Unduplicated Average Aid Provided		4,159			4,469	
Total Enrollment	8,925			9,023		
Percentage of Students Aided		77%			80%	

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## computing reorganization report

Recently, a reorganization of computing functions was instituted to service more effectively the increased needs for computing throughout the University. Effective March 15, 1982, the Director of Information Systems assumed total responsibility for administrative systems. To implement this change, the areas of Database Administration, Administrative Applications and Key punch Operations were formally transferred from the Computing Center to Information Systems. A new function called Data Administration was also created. With this new division of responsibility, the Director of the Computing Center will be able to concentrate on meeting the computing needs of teaching and research.

Concurrent with the new organization, the University has procured a new minicomputer which will be dedicated to administrative systems and the implementation of a total information concept. It will be installed on June 30, 1982. The system is required to meet an increasing need to manage data as a valued resource that can be shared by various authorized users. This concept will require the designing of a database which will support administration as well as the redesigning of application systems to fully utilize the new technology. Because of the redesigning requirement, applications will gradually migrate from the mainframe computer in the Computing Center to the new administrative computer over the next one to three years. Priority will be given to this conversion effort so that additional resources on the mainframe computer can be devoted to teaching and research.

As an adjunct to the above effort, the Computing Center is studying ways to improve the responsiveness of the mainframe system. Some immediate minor initiatives have been undertaken to improve response time and accessibility. Further actions will be forthcoming as the current performance study comes to an end and recommendations are made. In conjunction with this effort, an academic computing plan is being formulated. Current emphasis is being placed on the specification of immediate needs that are not being supported. The long-range growth of computing requirements will also be assessed. The Users Committee on Computing is coordinating this planning effort.

The new computing organization was instituted to be more responsive to the expected computing needs of the eighties and to take advantage of the latest technologies. It is anticipated that, with one group focused on administration needs and the other on academic needs, better computing service can be achieved and more concentration be given to specific, immediate problems. The efforts described above are the initial attempts within this new organization to achieve this goal.

# advanced studies

## notes for principal investigators

### National Science Foundation (NSF) Fiscal Year 1983 Budget Request

A total of \$1,072.8 million for NSF is included in the proposed budget of the United States for fiscal year 1983.

This represents an increase of \$76.6 million or 7.7 percent above the fiscal year 1982 current plan of \$996.2 million. The total includes \$1,055.6 million for research and related activities, \$15 million for graduate research fellowships and \$2.2 million for programs supported by available special foreign currencies.

The following key elements are among the important NSF thrusts for fiscal year 1983:

- Major improvements in scientific research instrumentation and laboratories.
- Expansion of cooperation between industry and universities, including provision for the establishment of the sixth Industry/University Cooperative Research Center.
- Support for a new, innovative program in electrical, computer and systems intended to help alleviate science and engineering personnel shortages.
- Increased support of employment of women and racial minorities in science and technology.
- Improvement of training for research careers in science and engineering.

### National Science Foundation (NSF) Change in Consultant Rates Under NSF Awards

Article 7, Consultant Services, of NSF Grant General Conditions (F.L. 118 and F.L. 171) limits the payment to individuals for consultant services under NSF grants to the maximum rate paid to a GS-18 Federal employee. This limitation has been in effect for a number of years pursuant to a statutory requirement. As of January 1, 1982, the rate paid to a GS-18 Federal employee was increased to \$221 per day. Questions regarding the consultant rate and limitation may be directed to the Policy Office, Division of Grants and Contracts (202) 357-7880.

## information circulars

### Department of Energy Unsolicited Proposals in Biological Energy Research

No. FY82-504

#### Program:

Awards ranging from \$10,000 to \$200,000 (averaging \$65,000) to organizations and individuals to conduct fundamental research in biological phenomena and basic mechanisms which may ultimately provide the technical base of new or developing energy technologies. The current areas of interest are: 1) stress mechanisms in plants; 2) plant-soil interactions; 3) plant genetics - how plants express genetic information; physiological genetics and genetic regulation of metabolism; mechanisms of DNA transfer by vectors; and 4) microbiology - emphasizes the genetic, physiological, and biophysical characteristics of anaerobic organisms in relation to fermentations which produce solvents and acids; processes by which microorganisms break down materials such as cellulose and lignin; how the degrading mechanisms work; thermophilic organisms and their mechanisms of adaptation; the bases of tolerance to end-product fermentation.

#### Deadline:

June 1, 1982\*

#### For Further Information Contact:

Department of Energy  
Office of Energy Research  
Office of Basic Energy Sciences  
Biological Energy Research Division  
Dr. Robert Rabson, Director  
ER-17, GTN  
Washington, DC 20545  
(301) 353-2873

\*Although this program has a June 1, 1982 deadline, the Director stresses that the deadline changes with the availability of funds. Interested applicants are urged to contact him at the above address.

(From 1982 ARIS)

## Department of Energy Used Energy-Related Laboratory Equipments Grants

No. FY82-505

### Program:

Used energy-related laboratory equipment is available from the DOE to energy-related educational programs in colleges and universities. Further information can be obtained from brochure number DOE/ER/0042, "Instruction and Information on Used Energy-Related Laboratory Equipment Grants for Educational Institutions of Higher Learning," which can be obtained from DOE, Technical Information Center, P. O. Box 62, Oakridge, TN 37830. Equipment lists can be reviewed at the nearest DOE field office.

### For Further Information Contact:

Department of Energy  
Dr. Larry Baker  
University and Industry Programs  
ER-44  
1000 Independence Avenue, SW  
Washington, DC 20585  
(202) 252-6833

(From 1982 ARIS)

## Environmental Protection Agency Partners in Research Program

No. FY82-506

### Program:

Investigator-initiated research grants are available in the health area to determine whether, or to what extent, exposure to various pollutants contributes to environmentally related health problems.

### Deadline:

June 15, 1982

### For Further Information Contact:

Environmental Protection Agency  
Dr. George Simon  
Office of Research Grants and Centers  
RD-675, Room 3818  
401 M Street, SW  
Washington, DC 20460  
(202) 426-2355

(From 1982 ARIS)

## NIH-National Cancer Institute Research Related to Genetic Susceptibility to Human Breast Cancer (CFDA 13.396)

No. FY82-507

### Program:

The Breast Cancer Program has a special interest in stimulating investigator-initiated research grant applications in the following

program areas: 1) what proportion of human breast cancers, female and male, may be accounted for or strongly influenced by susceptibility gene(s); 2) how many forms of genetic susceptibility exist and how common is each of these forms; 3) can the use of new markers, including DNA polymorphisms, help to resolve these issues; 4) which, if any, environmental or cultural risk factors interact with genetic susceptibility; 5) how is genetic susceptibility expressed at physiological or biochemical metabolic levels; 6) how is genetic susceptibility expressed at the chromosomal or DNA level; 7) can new approaches in cloning, transfection, and/or somatic cell hybrids help to elucidate the molecular biology of genetic susceptibility; 8) does the natural history of genetically influenced breast cancer resemble that on non-familial breast cancer; 9) is increased familial risk reflected in breast cancer mortality risk; and 10) related questions about genetic aspects of human breast cancer.

### Deadline:

July 1, 1982; November 1, 1982; March 1, 1983.

### For Further Information Contact:

NIH-National Cancer Institute  
Breast Cancer Program  
Coordinating Branch  
Dr. Elizabeth P. Anderson, Chief  
Epidemiology Projects Section  
Landow Building, Room 8C-17A  
Bethesda, MD 20205  
(301) 496-6718

(From 1982 ARIS)

## NIH-Fogarty International Center Senior International Fellowships for 1983-84

No. FY82-508

### Program:

These senior postdoctoral research fellowships are available to U.S. health scientists who wish to study abroad in the various biomedical and behavioral disciplines. The types of activity that are supported by this program include collaboration in basic or clinical research, and the familiarization which or utilization of special techniques and equipment not otherwise available to the applicant. Applicants must meet the following requirements: U.S. citizenship or permanent U.S. residence; doctoral degree in clinical, biomedical or behavioral sciences for at least two of the last four years; affiliation with a non-Federal U.S. public or private nonprofit research, clinical or educational institution. Prospective applicants for the fellowship program may obtain information brochures from FIC. Only the dean or equivalent institutional official may request fellowship applications which will be available until May 15, 1982 from the address given.

**Deadline:**  
June 1, 1982

**For Further Information Contact:**

NIH-Fogarty International Center  
International Research and Awards Branch  
Bethesda, MD 20205

(From 1982 ARIS)

**National Science Foundation  
International Travel**

**No. FY82-509**

**Program:**

Only applications from professional organizations in support of group travel will be considered by the Divisions of this Directorate. Applications submitted for international travel from individuals will not be considered due to lack of funds in FY 1982. For further information, contact the unit of the Directorate with responsibility for the area of scientific interest.

**For Further Information Contact:**

National Science Foundation  
Directorate for Biological  
Behavioral, and Social Sciences  
1800 G Street, NW  
Washington, DC 20550

(From 1982 ARIS)

**National Science Foundation  
Metabolic Biology Program**

**No. FY82-510**

**Program:**

This program supports studies of the biochemical processes in animal, plant and microbial systems by which energy is provided and through which material is assimilated and broken down. Major areas of emphasis include photosynthesis and nitrogen fixation, ion transport across membranes, oxidative phosphorylation, chemiosmotic systems, the elucidation of metabolic pathways, and the role of natural products in plant function.

**Deadline:**  
June 1, 1982

**For Further Information Contact:**

National Science Foundation  
Division of Physiology, Cellular and  
Molecular Biology  
Dr. Elijah Romanoff  
Room 325  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7987

(From 1982 ARIS)

**National Science Foundation  
Alternative Biological Resources Program**

**No. FY82-511**

**Program:**

The Alternative Biological Resources program supports research relevant to the development of alternate domestic sources of energy and critical materials of biological origin. Topics supported currently include: biological conversion of lignocellulose, biological nitrogen fixation, and useful products from arid land plants. Additional areas of interest can be obtained from Dr. Huang's office.

**Deadline:**  
June 1, 1982

**For Further Information Contact:**

National Science Foundation  
Division of Physiology, Cellular and  
Molecular Biology  
Dr. H. T. Huang  
Room 325  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9782

(From 1982 ARIS)

**National Science Foundation  
Unsolicited Research Proposals**

**No. FY82-512**

**Program:**

Unsolicited research proposals are invited in the following areas:

- Cell Biology Program: Dr. Jack Pate, (202) 357-7474;
- Developmental Biology Program: Dr. Susan Bryant, (202) 357-7989;
- Regulatory Biology: Dr. Bruce Umminger, (202) 357-7975;
- Biochemistry Program: Dr. Michael Cusanovich, (202) 357-7945;
- Biophysics Program: Dr. Arthur Kowalsky, (202) 357-7777;
- Genetic Biology Program: Dr. DeLill Nasser, (202) 357-9687;
- Cell Physiology Program: Dr. Joseph Albright, (202) 357-7377.

**Deadline:**  
July 1, 1982

**For Further Information Contact:**

National Science Foundation  
Division of Physiology, Cellular and  
Molecular Biology  
Antoine W. Blackler, Director  
Room 325  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9400

(From 1982 ARIS)

**National Science Foundation  
U.S.-Republic of Korea Cooperative Science  
Program**

No. FY82-513

Program:

Proposals for cooperative research, short- and long-term visits, and seminars may be submitted in the emphasis areas of biochemical engineering, marine science, and other fields of NSF interest.

Deadline:

July 1, 1982

For Further Information Contact:

National Science Foundation  
Directorate for Scientific, Technological  
and International Affairs  
Division of International Programs  
Dr. Gerald A. Edwards  
Room 1212  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9537

(From 1982 ARIS)

**National Science Foundation  
U.S.-Pakistan Cooperative Science Program-  
International Travel**

No. FY82-514

Program:

This award consists of an open, full or partial fare, round-trip airline ticket at the lowest available rate from the point of origin to the destination. Per diem and local costs are not provided. Travel is provided for the following reasons: to attend an international scientific meeting; to engage in research or other scientific activities; to give scientific lectures; or to reach final agreement with cooperating scientists on details of cooperative activities which NSF will be requested to finance.

Deadline:

June 1, 1982\*

For Further Information Contact:

National Science Foundation  
Directorate for Scientific, Technological  
and International Affairs  
Division of International Programs  
Ms. Hildegard Kramer  
Room 1208  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9550

\*This deadline is for travel between October 1 and December 31.

(From 1982 ARIS)

**National Science Foundation  
U.S.-India Cooperative Science Program-  
International Travel**

No. FY82-515

Program:

This award consists of an open, full or partial fare, round-trip airline ticket at the lowest available rate from the point of origin to the destination. Per diem and local costs are not provided. Travel is provided for the following reasons: to attend an international scientific meeting; to engage in research or other scientific activities; to give scientific lectures; or to reach final agreement with cooperating scientists on details of cooperative activities which NSF will be requested to finance.

Deadline:

June 1, 1982\*

For Further Information Contact:

National Science Foundation  
Directorate for Scientific, Technological  
and International Affairs  
Division of International Programs  
Ms. Hildegard Kramer  
Room 1208  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9550

\*This deadline is for travel between October 1 and December 31.

(From 1982 ARIS)

**National Science Foundation  
U.S.-Switzerland and Cooperative Science  
Program**

No. FY82-516

Program:

Funds are available for salary support, air transportation, instrumentation, equipment, supplies, and publication costs for three-year maximum cooperative science projects with Swiss scientists. Specific guidelines for the program can be obtained from Dr. Thompson.

Deadline:

June 1, 1982

For Further Information Contact:

National Science Foundation  
Directorate for Scientific, Technological  
and International Affairs  
Division of International Programs  
Dr. Warren Thompson  
Room 1214  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7554

(From 1982 ARIS)



**National Science Foundation  
U.S.-Federal Republic of Germany Cooperative  
Science Program**

No. FY82-517

Program:

Type of support is similar to the Swiss program. Funds are available for salary support, air transportation, instrumentation, equipment, supplies, and publication costs for three-year maximum cooperative science projects with Swiss scientists. Specific guidelines for the program can be obtained from Dr. Thompson.

Deadline:

June 1, 1982

For Further Information Contact:

National Science Foundation  
Directorate for Scientific, Technological  
and International Affairs  
Division of International Programs  
Dr. Warren Thompson  
Room 1214  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7554

(From 1982 ARIS)

**National Science Foundation  
U.S.-Japan Cooperative Science Program:  
Joint Seminars**

No. FY82-518

Program:

Support for up to ten persons to hold and attend joint seminars that are separate and discrete entities initiated and developed from the outset with bilateral input from both U.S. and Japanese organizers and having clear-cut benefit to both sides. The following categories have been identified for support: 1) education in the sciences; 2) scientific and technical communications; 3) earth, planetary, and astronomical sciences; 4) biological, agricultural, and medical sciences; 5) mathematical, physical and chemical sciences; 6) engineering sciences; and 7) interdisciplinary problems. Proposals must be submitted concurrently to NSF and to the Japan Society for the Promotion of Science (JSPS).

Deadline:

June 1, 1982\*

For Further Information Contact:

National Science Foundation  
Directorate for Scientific, Technological  
and International Affairs  
U.S.-Japan Cooperative Science Program  
Charles Owens, Program Manager  
Room 1208-G  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9537

\*For seminars to be held between April 1, 1983 and March 31, 1984.

(From 1982 ARIS)

**American Heart Association, Inc.  
Established Investigatorships**

No. FY82-519

Program:

Stipends from \$16,000-\$31,000 per year for 5 years to young physicians and scientists to conduct independent research in order to establish careers of research in academic medicine and biology. Candidates must be U.S. citizens or permanent residents with 3 or more years of postdoctoral research experience, and should ordinarily be under age 40 at the time of application. Support is for research conducted in the cardiovascular field including stroke and/or related problems in the basic sciences. Please contact the AHA for application materials.

Deadline:

July 1, 1982

For Further Information Contact:

American Heart Association, Inc.  
Division of Research Awards  
7320 Greenville Avenue  
Dallas, TX 75231  
(214) 750-5300

(From 1982 ARIS)

**American Heart Association, Inc.  
British-American Research Fellowships**

No. FY82-520

Program:

Stipend of \$16,000 (plus dependency, travel allowances, and \$750 departmental grant) for 1 year to U.S. citizen physicians and scientists who are ordinarily under 35 years of age at the time of application to obtain additional research training in a British institution. Awards are for support in the cardiovascular field including stroke and for related problems in the basic sciences. Candidates must show evidence of potential for a research career. Please contact the AHA for application materials.

Deadline:

July 1, 1982

For Further Information Contact:

American Heart Association, Inc.  
Division of Research Awards  
7320 Greenville Avenue  
Dallas, TX 75231  
(214) 750-5300

(From 1982 ARIS)

## **American Indian Scholarships, Inc. Graduate Scholarships**

No. FY82-521

### Program:

Grants to students working toward higher degrees (Master's, Ph.D., or other professional degree) who are 1/4 degree or more American Indian or Alaskan Native, from a federally recognized tribe. Grants are awarded on the basis of character, scholastic ability, leadership qualities and financial need. Students must satisfy the requirements of the college with respect to academic achievement and standing, and are expected to remain active in Indian Affairs. Applicants must need financial assistance after other sources of funding have been explored and must inform AIS, Inc. of other scholarships, fellowships, tuition waivers and loans applied for and awarded. Awards are made for one academic year, and are renewable upon reapplication.

### Deadline:

June 1, 1982

### For Further Information Contact:

American Indian Scholarships, Inc.  
John C. Rainer, Sr., Director  
P. O. Box 1106  
Taos, NM 97571  
(505) 758-8601 or 8602

(From 1982 ARIS)

## **American Institute of Indian Studies Professional Development Fellowships**

No. FY82-522

### Program:

Awarded to scholars from the fields of medicine, biological sciences, physical sciences, business administration, law, journalism, and the arts. Award periods range from three to ten months. Fellows from non-member institutions are subject to an administrative overhead charge which is \$750 for senior and postdoctoral fellowships. This is not an application fee and is incurred only when a fellowship is awarded.

### Deadline:

July 1, 1982\*

### For Further Information Contact:

American Institute of Indian Studies  
University of Chicago  
1130 E. 59th Street  
Chicago, IL 60637  
(312) 753-4350

\*The earliest possible departure date to India for awardees is June, 1983.

(From 1982 ARIS)

## **Council for International Exchange of Scholars Fulbright Senior Scholars- University Teaching and Postdoctoral Research Abroad\***

No. FY82-523

### Program:

Awards to scholars in all academic fields for university teaching and advanced research abroad. An award generally consists of a maintenance allowance for the grantee and accompanying family members, roundtrip travel for the grantee, and one or more allowances. Travel is usually provided for one dependent of lecturing grantees appointed for a full academic year. Eligibility requirements include: U.S. citizenship; for lecturing - college or university teaching experience at the level of the award sought; for research - a doctoral degree at the time of application, or in some fields, recognized professional standing as demonstrated by faculty rank, publications, compositions, exhibitions, etc.; for some awards, foreign language fluency. A list of the program officers (including telephone numbers) for the various countries as well as a list of current openings for positions abroad may be obtained from CIES.

### Deadline:

June 15, 1982 and September 15, 1982

### For Further Information Contact:

Council For International Exchange of  
Scholars  
Eleven Dupont Circle  
Suite 300  
Washington, DC 20036

\*Application deadlines are June 15 for Australia, New Zealand and American Republics, and September 15 for Africa, Asia, Europe and the Middle East; deadlines are 12-18 months in advance of the grant period. Late applications are often accepted when vacancies exist. Inquiries are welcome.

(From 1982 ARIS)

## **Council for International Exchange of Scholars Indo-American Fellowship Program**

No. FY82-524

### Program:

Twelve long-term (six to ten months) and nine short-term (two to three months) research fellowships are offered to U.S. citizens who hold a Ph.D. or possess equivalent professional experience at the time of application. The objective of the program is to draw into educational exchange Americans who are not Indian specialists but whose disciplinary or

professional skills can be enhanced by the opportunity to carry out research in India. Awards are offered without restriction as to field; areas of interest include architecture, business, law, medicine, public health, museum work, creative arts, the natural and applied sciences, the social sciences, and the humanities. The basic stipend is \$1,200 to \$1,500 per month with additional funds for travel, research and dependents.

Deadline:  
July 1, 1982

For Further Information Contact:

Council For International Exchange of  
Scholars  
Lydia Z. Gomes, Program Officer  
Eleven Dupont Circle  
Suite 300  
Washington, DC 20036  
(202) 833-4985

(From 1982 ARIS)

**Indian Health Employees Scholarship Fund, Inc.  
Scholarships**

No. FY82-525

Program:

Persons of American Indian descent are eligible for support, dependent on need and availability of funds, for any higher learning, preferably in the health field. Support is for one year, renewable each year if grades, etc. warrant it. If a student can show need any time throughout the year, and if funds are available, deadlines are waived, and help is given.

Deadline:  
June 1, 1982

For Further Information Contact:

Indian Health Employees Scholarship  
Fund, Inc.  
Mrs. Vylla G. Picotte  
Executive Secretary  
Federal Building, Room 215  
115 Fourth Avenue, SE  
Aberdeen SD 57401  
(605) 2250-0250, x 457

(From 1982 ARIS)

**International Union Against Cancer (UICC)  
International Cancer Research Technology  
Transfer Project (ICRETT)**

No. FY82-526

Program:

Funds will be provided to cancer investigators of all nationalities to visit a research center or centers in other countries, for a

period not exceeding 28 days, in order to 1) carry out brief research projects that will develop, improve, or modify new or specialized techniques or methods, and will clearly contribute toward the progress of cancer research; 2) engage in short-term on-the-spot collaboration required for comparing the results of parallel or related research in different countries; and 3) meet together for intensive discussions and/or demonstrations so that new or improved techniques or methods developed by an acknowledged expert can be used by investigators in another country.

For Further Information Contact:

International Union Against Cancer (UICC)  
Conseil-General 3  
1205 Geneva  
Switzerland

(From 1982 ARIS)

**The Wilson Center  
Fellowships**

No. FY82-527

Organization:

The Wilson Center seeks to commemorate through its residential fellowship program of advanced research both the scholarly depth and the public concerns of Woodrow Wilson. The Center welcomes outstanding project proposals representing a wide diversity of scholarly interests and approaches from individuals throughout the world.

The Center's fellowships are awarded in one broadly defined and five more focused programs.

The broadly defined program -- History, Culture, and Society -- enables the Center to attract superior projects from the entire range of scholarship in the humanities and social sciences. The five other programs have been designed to encourage scholarship either on particular areas of the world or on special topics which the board of trustees has chosen to emphasize. The five other programs are: American Society and Politics, Kennan Institute for Advanced Russian Studies, Latin American Program, International Security Studies Program and East Asia Program.

Eligibility:

The fellowship competition in all six programs welcomes applications from any country. Men and women with outstanding capabilities and experience from a wide variety of backgrounds (such as academia, journalism, government, labor, business and the professions) are eligible for support. For academic participants, eligibility is limited to the postdoctoral level, and normally it is expected that academic candidates will have demonstrated their development by the publication of some major work beyond the Ph.D. dissertation. The

Center provides no laboratory facilities, but welcomes applications from scientists, particularly those writing on philosophical or social issues in science and technology.

**Deadline:**

The Center holds one round of competitive selection per year. The deadline for receipt of applications and all supporting material is October 1. Decisions on appointment will be available by mid-February of the following year.

**Applications:**

For information on application procedures, please direct your inquiry to a particular program at:

Woodrow Wilson International Center  
for Scholars  
Smithsonian Institution Building  
Washington, DC 20560  
(202) 357-2841

**National Endowment for the Humanities  
Division of Fellowships and Seminars  
Fellowships for Independent Study and  
Research**

No. FY82-528

**Program:**

These fellowships are for scholars and other interpreters of the humanities who can make significant contributions to humanistic thought and knowledge. Applications are welcome from college and university faculty members and from others who work in the humanities, from people with broad humanistic interests as well as from scholars working in specialities. While continuing its commitment to the work of established, senior scholars, the Endowment also wishes to encourage and sustain the work of younger scholars. This group includes both faculty members who hold the rank of instructor or assistant professor and people who have no academic affiliation but stand at comparably early stages in their careers.

**Eligibility:**

NEH Fellows need not have advanced degrees, but neither candidates for degrees nor persons seeking support for work toward a degree are eligible to apply.

**Tenure:**

6 to 12 months.

**Stipend:**

Up to \$25,000

**Application Deadline:**

June 1, 1982

**Additional Information and Application Material:**  
Contact the following:

Division of Fellowships and Seminars

Mail Stop 101

National Endowment for the Humanities

806 - 15th Street, NW

Washington, DC 20506

**National Endowment for the Humanities  
Division of Fellowships and Seminars  
1983 Summer Stipends**

No. FY82-529

**Purpose and Eligibility:**

This program provides support for college, university, junior and community college teachers, free-lance writers, and others working in the humanities to pursue two consecutive months in full-time study or research. The work proposed may be within the applicants' special fields of study, or it may be in some other field that will enable them to understand their own fields better and enlarge their competence. The proposed project may be one that can be completed during the stipend period, or it may be part of a long-range project.

Summer Stipends are intended for college, junior college, and university faculty members and others working in the humanities who can make a significant contribution in their field. Applicants must have completed their formal academic training by the date of application.

**Scope of Support:**

The scope of Endowment support includes, but is not limited to, the study of the following: history, philosophy, languages, linguistics, literature, archaeology, jurisprudence, history and criticism of the arts, ethics, comparative religion and those aspects of the social sciences that employ historical or philosophical approaches.

The Endowment also supports studies of the relationships between human values and science and technology. Studies which are predominantly empirical, clinical or methodological are not eligible for support.

**Nomination Procedures:**

Applicants employed by colleges or universities must be nominated by the designated officer of their institution. Each college, university, and junior college in the United States and its territorial possessions may nominate three members of its faculty and staff for Summer Stipends. No more than two nominees should be in early stages of their careers; i.e., junior nominees. Only one should be in a more advanced stage; i.e., a senior nominee.

Dr. Robert E. Burns, Acting Dean of the College of Arts and Letters, is the designated officer coordinating the nominations. He may be contacted for applications and additional information.

**Council for International Exchange of  
Scholars  
The Indo-American Fellowship Program  
Advanced Research in India, 1983-84**

No. FY82-530

**Program:**

This program is sponsored by the Indo-U.S. Subcommission on Education and Culture and is funded by the U.S. International Communication Agency, the National Science Foundation, the Smithsonian Institution, and the Government of India. The objective of the program is to draw into educational exchange Americans who are not Indian specialists but whose disciplinary or professional skills can be enhanced by the opportunity to carry out research in India. The Program seeks to open new channels of communication between academic and professional groups in the two countries and to encourage a wider range of research activity than now exists. Awards are offered in all academic disciplines and in professional areas such as architecture, business, law, medicine, public health, museum work, and creative arts.

Approximately twelve long-term and nine short-term research fellowships will be awarded during the academic year 1983-84. Applicants must be U.S. citizens at the postdoctoral or equivalent professional level.

**Basic Stipend:**

--\$1,200-\$1,500 per month, depending on academic/professional achievement and seniority, \$350 per month payable in dollars and the balance in rupees.

**Duration:**

--Long-term awards, six to ten months.  
--Short-term awards, two to three months.

**Research/Books:**

--an allowance of from \$325 to \$500 in rupees.

**Travel:**

--international travel for all grantees and an allowance of 2,000 rupees for study/travel in India.

**For Long-Term Grantees Only:**

--a \$400 excess baggage allowance; international travel for dependents; a monthly allowance of \$100 per dependent up to a maximum of \$250 per month.  
--Upon request, and subject to approval, a supplementary research allowance up to 34,000 rupees may be available to long-term fellows.

**Deadline:**

July 1, 1982

**Additional Information and Application Form:**  
Contact the following:

Council for International Exchange  
of Scholars  
11 Dupont Circle, Suite 300  
Washington, DC 20036  
(202) 833-4985

## current publications and other scholarly works

### COLLEGE OF ARTS AND LETTERS

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