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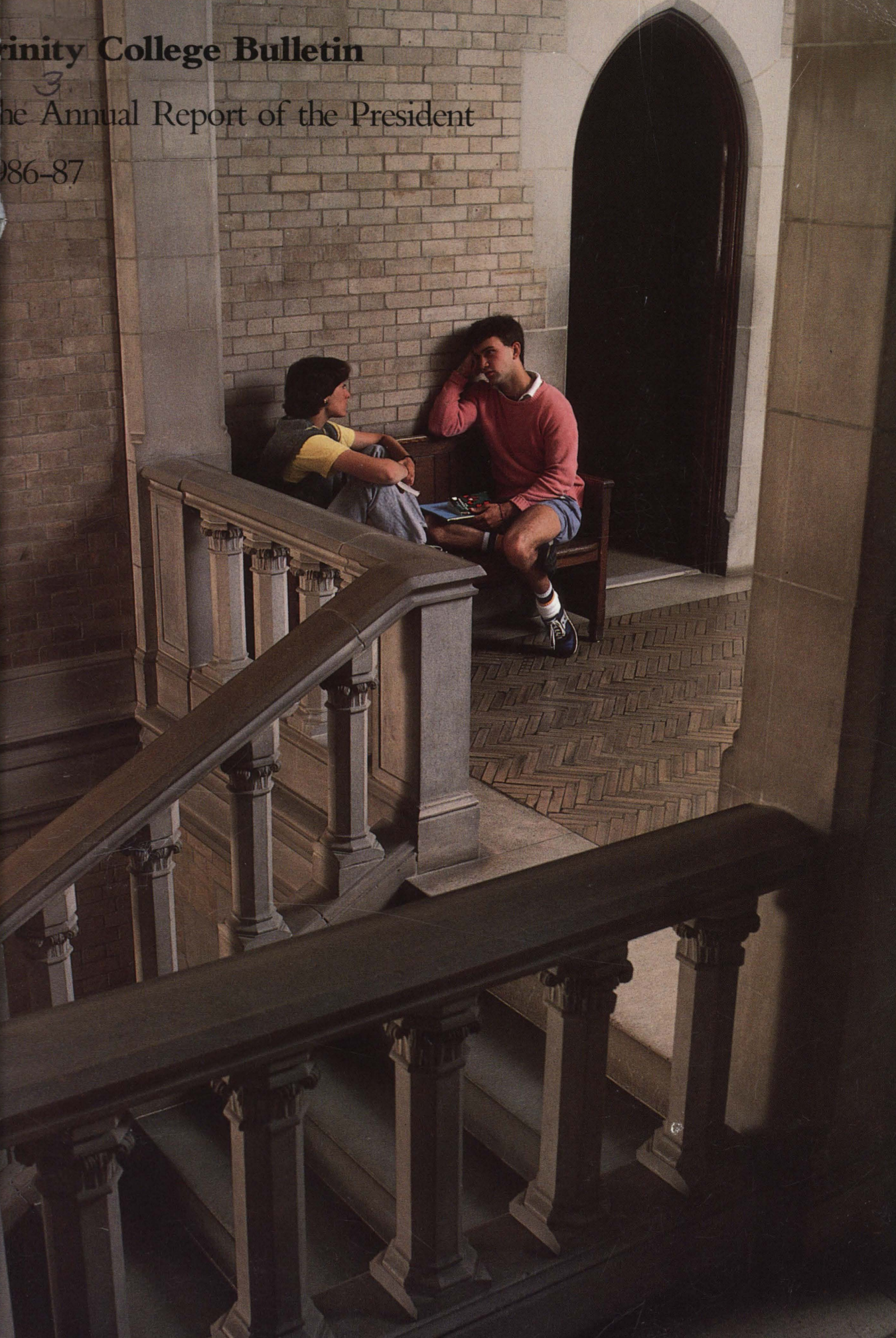
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**Trinity College**  
HARTFORD CONNECTICUT

# Trinity College Bulletin

3  
The Annual Report of the President

1986-87





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# Annual Report of President James F. English, Jr.

## September, 1987

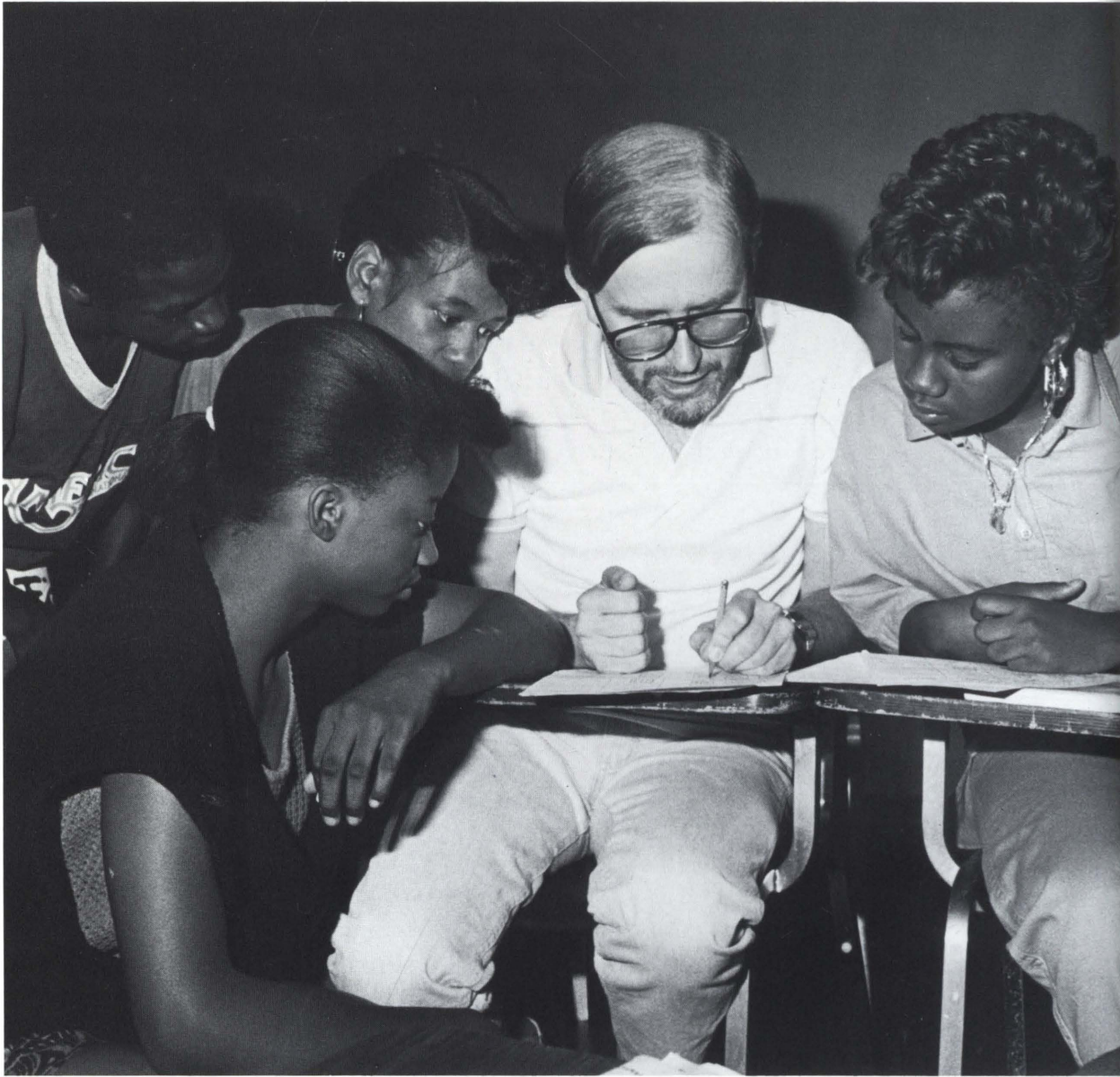
Trinity College  
Hartford, Connecticut 06106

**T**his annual report, for the year 1986-87, is the sixth I have had the pleasure of submitting to the Board of Trustees and the Trinity community. Last year's report described the culmination of our planning process and the commencement of a major fund-raising effort, The Campaign for Trinity. In this, I am delighted to record the progress we have made in carrying out our plans and in securing the necessary financial resources.

Among the highlights of the past year were:

- > Enrolling the most diverse class in Trinity history, with minority students comprising 17 percent of all freshmen.
- > Adopting a new curriculum that focuses on interdisciplinary study, writing and mathematical proficiency, and breadth of general education.
- > Increasing computer capabilities, including a consortial project to consolidate the libraries of Trinity, Connecticut College and Wesleyan into one data base.
- > Raising \$28 million towards the \$42 million goal of The Campaign for Trinity in the first year of the fund drive.
- > Achieving a 17 percent increase in annual giving and a 6 percentage point increase in alumni participation, both new records for the College.
- > Building new partnerships in the City of Hartford, particularly with the public schools and in the recruitment of increasing numbers of local students.





UPWARD BOUND, A RESIDENTIAL TUTORING PROGRAM FOR LOCAL HIGH SCHOOL STUDENTS, IS ONE OF SEVERAL TRINITY UNDERTAKINGS THAT WILL BENEFIT FROM THE RECORD \$550,000 GIFT BY THE ÆTNA LIFE & CASUALTY FOUNDATION.

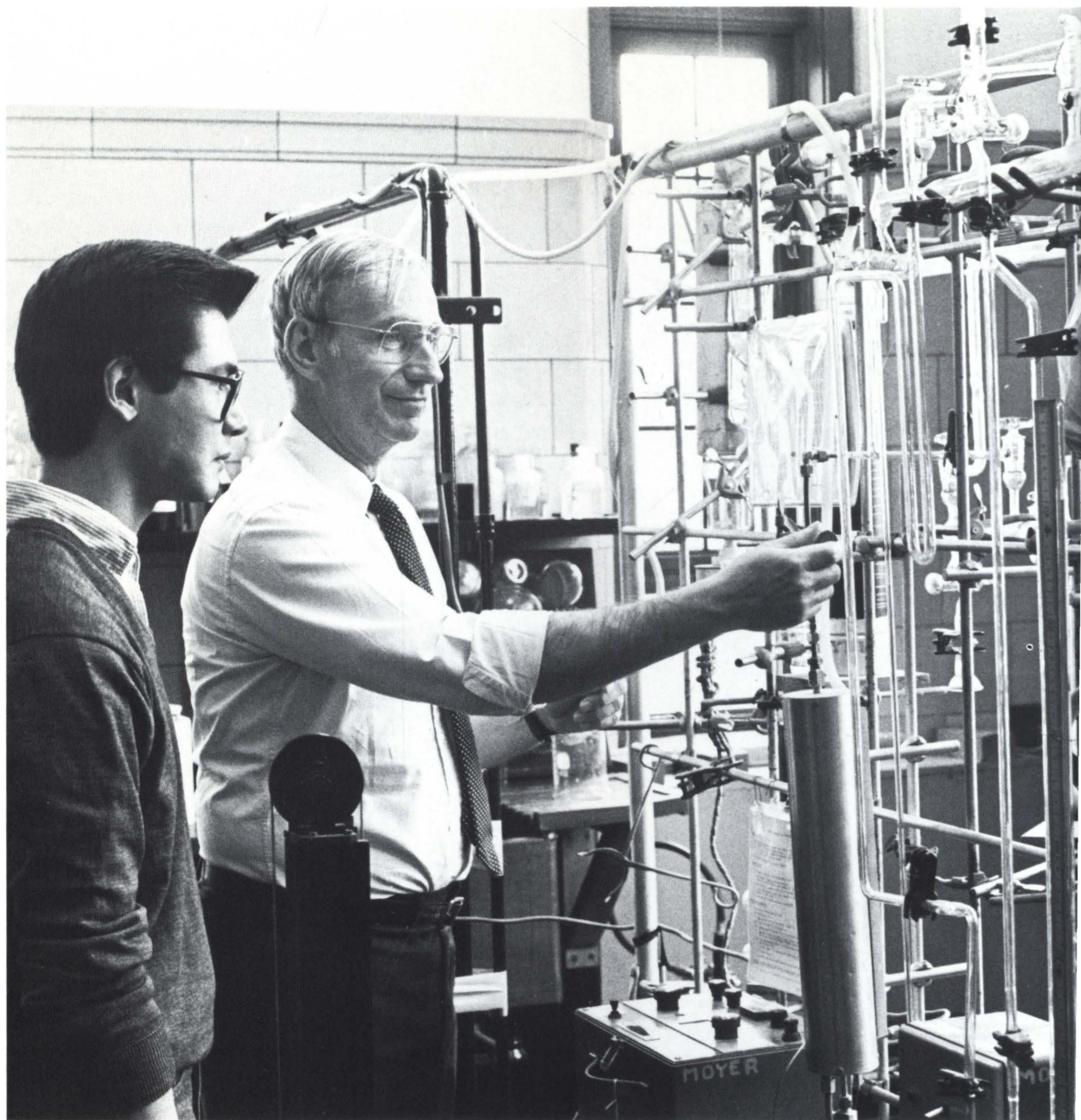
The Campaign for Trinity was announced in September of 1986, with a goal of \$42 million to be solicited over a three-year period. At the end of the first year we had reached the two-thirds mark, having more than \$28 million in cash and pledges in hand. The response of all our constituencies—alumni, parents, friends, corporations, foundations and our faculty—has been enormously encouraging. The largest corporate gift in Trinity's history—a \$550,000 contribution to endow program support for the new Mathematics Center—was made by the Aetna Life & Casualty Foundation. Other significant support includes a \$300,000 gift from the Travelers Companies Foundation to build a computer laboratory and support student research, and a charitable lead trust established by Vernon and Florence Roosa that will produce more than \$630,000 to fund construction of the Peter V. Roosa Laboratory of Applied Science. Undergraduates also did their part for The Campaign for Trinity by organizing the first Student Auction, an event that raised \$12,000 and helped complete the \$300,000 Alden Trust challenge gift for financial aid endowment.

We realize that we have a long way to go in the remaining two years but are confident of reaching our objective. Special thanks should be given to two devoted alumni, Brenton W. Harries '50 and Morris Lloyd, Jr. '60, who are the co-chairs of The Campaign.


As an integral part of The Campaign, special efforts are being made to increase the level of annual giving and the percentage of alumni participating in it. I am especially pleased to report that records were set in both respects this past year. The level of giving rose 17% to \$1,877,000, and alumni participation increased by six percentage points to 44%. We are most grateful to our staff and to the leadership they mobilized: Jason M. Elsas, Jr. '58, Robert E. Brickley '67, Albert L. Smith, Jr. '54, Cynthia K. Doggett, Robert Blum, T. Mitchell Ford, and William R. Peelle '44.

Aggregate giving also reached a new high of \$7,680,000. While a little over one-half of this total came from alumni, major support was also received from other individuals as well as corporations and foundations. Some of the leadership gifts include: \$433,000 for liberal arts enrichment from the Pew Charitable Trusts; \$300,000 from the George F. Baker Trust toward the new academic building; \$300,000 from the Hartford Foundation for Public Giving to support minority enrollment in the Individualized Degree Program and for improvements in the Watkinson Library; a \$250,000 challenge from the William and Flora Hewlett Foundation for additions to the Presidential Discretionary Fund; \$200,000 from George A. Kellner '64 to establish an endowed fund for children of employees of educational institutions; and \$150,000 from Heublein for a life sciences greenhouse.





THE NATURAL SCIENCES ARE ONE OF FIVE AREAS OF STUDY REQUIRED OF ALL UNDERGRADUATES IN THE REVISED CURRICULUM. OTHERS INCLUDE: THE HUMANITIES, THE ARTS, THE SOCIAL SCIENCES AND NUMERICAL OR SYMBOLIC REASONING.



Although the essential task of securing financial support commanded substantial time and attention, notable progress also was made in refining and carrying out the College's long-range plans.

Last year I reported that, after careful deliberation, the Faculty had approved two major changes in Trinity's curriculum which would require students (beginning with freshmen entering in 1988) to complete an interdisciplinary minor and demonstrate proficiency in writing and in basic mathematics. Plans to strengthen the curriculum were completed this past year when the Faculty added a third requirement: that students complete at least one course in each of the five major areas in the curriculum—humanities, arts, social sciences, natural sciences, and numerical or symbolic reasoning. This requirement will also be effective next year.

Implementation of the revised curriculum is placing heavy demands on the members of the Faculty. Many of them are deeply involved in developing interdisciplinary minors. Our goal is to have approximately twenty of these in place by next fall, so that students will have an interesting assortment from which to select. Each minor consists of six courses drawn from at least three academic fields and is organized around some common theme or problem. Representative examples include *Cognitive Science* (computer science, philosophy, psychology), *Latin American studies* (economics, history, Spanish), *Classical Antiquity* (art history, classics, history), *Law and Society* (economics, political science, psychology and sociology), and *Computer Technology and Modern Society* (engineering and computer science, mathematics, philosophy).

In addition to implementing the new curriculum, the Faculty has begun to carry out our plan to broaden, somewhat, the range of course offerings in such areas as non-Western languages and cultures. Japanese language will be offered this year for the first time, the number of courses treating the Middle East is being appreciably enlarged, and, as noted in last year's report, a cultural anthropologist will be added to the Faculty.

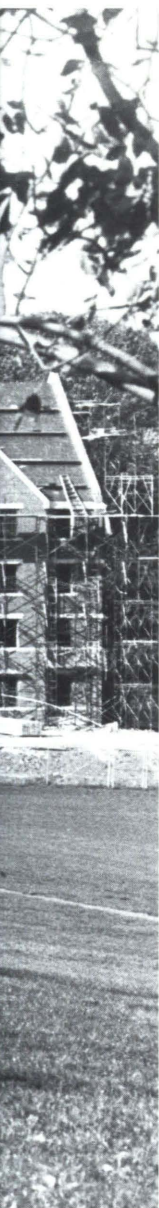
Plans were also completed for implementing a reduced faculty teaching load in the fall of 1987. The basic pattern of teaching assignments has been reduced from six courses per year (three each term) to five. This change is designed to increase the time faculty members have available both to carry on their own research and to work with individual students. It is in line with the usage at comparable selective colleges and should make Trinity more competitive in attracting the most promising young candidates for the Faculty.

In making this reduction at a time when the curriculum was being revised and broadened, the Trustees and the Faculty agreed that a modest





A NEW DORMITORY FOR 125 STUDENTS AND A SATELLITE STUDENT CENTER ARE NEARING COMPLETION. THESE FACILITIES ARE PART OF A LONG-RANGE PLAN TO REDUCE CROWDING IN THE RESIDENCE HALLS AND ENHANCE STUDENT LIFE BEYOND THE CLASSROOM.



increase in the total size of the Faculty would be necessary. Accordingly, and after thorough consideration, two and one-half added positions were authorized for the 1987-88 academic year. Not surprisingly, one is in the Department of Economics and one-half position is in Engineering and Computer Science. The other has been allocated to Philosophy, a department central to the mission of a liberal arts college. Several further additions to the Faculty are likely to be made over the next two or three years.

Progress was also made during the year on our various building projects and plans. The Vernon Street dormitory and satellite student center described in last year's report are largely completed on the exterior and should be finished early in 1988. They constitute a major project in both aesthetic and social effect. The College's presence is asserted more strongly and positively on its northern edge, and students at that end of the campus should feel more thoroughly integrated in its social life. The renovation of our Crescent Street dormitories continued, with Frohman and Robb reconstructed (and joined together) during the past year, and the rehabilitation of Wiggins scheduled for 1988. These projects, along with the previous Funston and Mather construction, should go a long way towards assuring appropriate living accommodations and social space for Trinity's students.

Planning continued on two other projects: a new academic building and the proposed facility for the use of alumni and faculty members. The basic space requirements for each have been determined and architects selected.

The academic building will include approximately 45,000 gross square feet of space and will be located at the south end of the campus. It will contain the Department of Mathematics and the new Mathematics Center, the Department of Engineering and Computer Science, the Computing Center, and related classroom and laboratory space. As previously noted, important support for this much-needed facility has already been received, and we hope that it will be possible to break ground by the end of 1988.

The present thinking with respect to an alumni and faculty facility contemplates complete renovation of the large, Victorian residence between the President's House and the English Department, including an addition to the southwest. By rearranging the landscaping at this end of the campus, the new facility can be attractively integrated into the area surrounding the President's House and the new Vernon Street Social Center, providing a useful assortment of facilities for entertaining groups of various sizes.

Underscoring the need for an alumni center is the fact that our graduates are returning to campus in ever-increasing numbers. This past June



saw the largest reunion in Trinity history, with more than 1,200 alumni/ae and their families on campus for four days of reminiscence and renewal. Our Alumni College had a successful second year with a stimulating exploration of *War and the Modern Experience* by several members of our faculty. We welcome this spirited participation by alumni in the ongoing life of the institution.

The third building project included in The Campaign for Trinity consists of major improvements to the Ferris Athletic Center. We have decided to proceed with the first phase of the project, which involves principally the construction of new and necessary locker facilities for women. The weight-lifting area and practice crew tanks will also be enlarged at this time. The second phase of the project, which will add squash courts and provide space ultimately to be occupied by a new swimming pool, will wait until The Campaign is further advanced.

To describe these various projects even this briefly (and without mentioning a number of other more limited improvements and renovations) gives some idea of the complexity and magnitude of our buildings and grounds operations. A residential college is surprisingly "capital intensive," and the expense and effort necessary to provide facilities proper to our mission are very great.

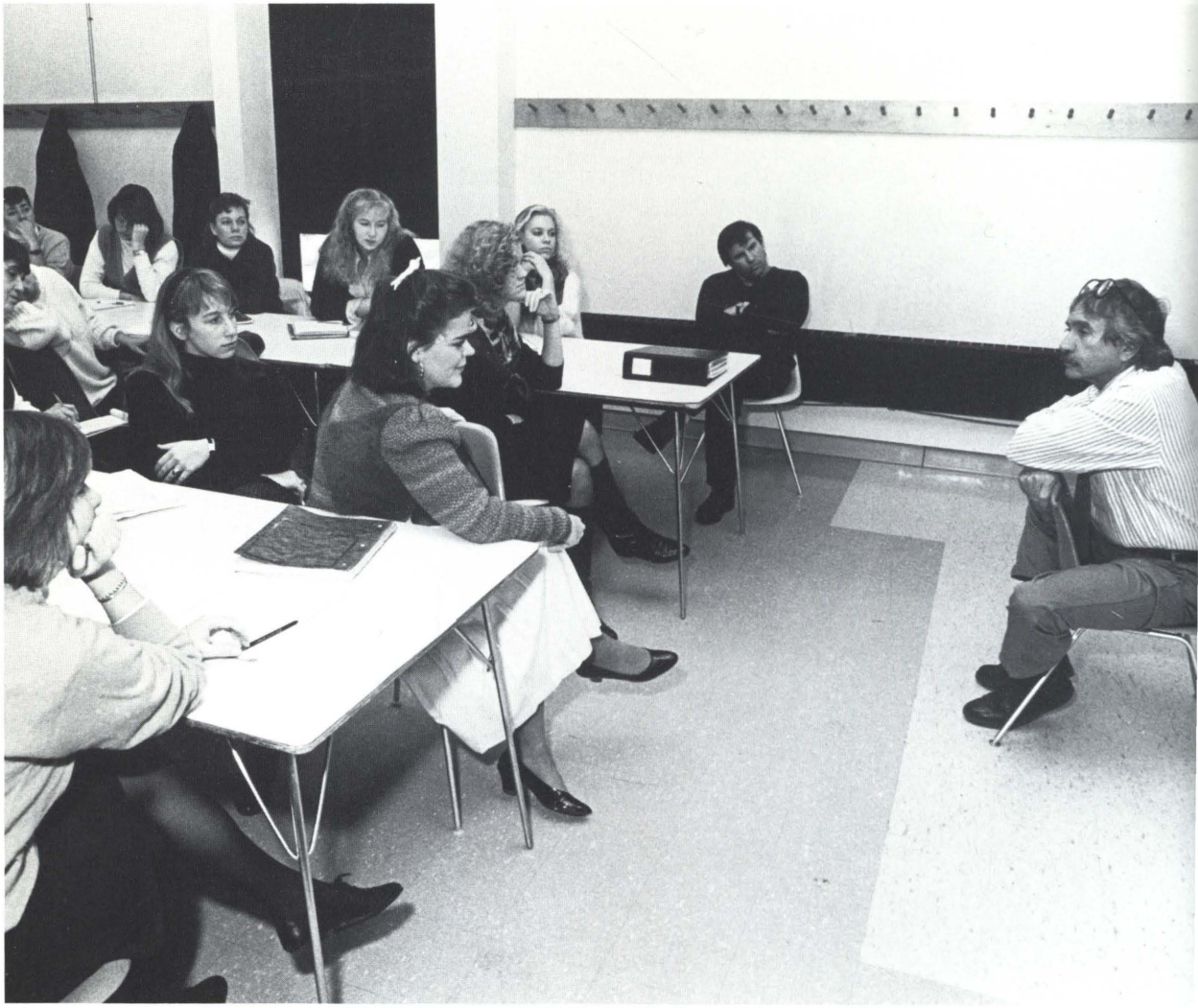
On the fiscal front, Trinity concluded its seventeenth successive year with an excess of revenues over expenses. It should be noted, however, that the College, like most others, has not made a practice of charging depreciation against current operations, and this year's "surplus," like those of prior years, was largely expended on major plant renovation projects. At year's end, the market value of the College's endowment assets exceeded \$115 million. The details of our fiscal operations will be found in the annual Report of the Treasurer, now in preparation.

As noted in last year's report, the Board of Trustees had become increasingly convinced that both the College and the corporations in which it invested were in danger of becoming trapped in an unacceptable and intractable situation in South Africa, and therefore the Trustees decided, in the spring of 1986, that unless substantial progress towards the elimination of apartheid were achieved by May of 1987 they would begin, subject to their fiduciary obligations, to eliminate these investments from the College's portfolio. Despite the concerted efforts of many individuals and corporations of good will, little progress had, in fact, been made by that date, so the orderly withdrawal from these investments, representing about six percent of total holdings, was commenced at that time. It is now virtually complete.

TRINITY, CONNECTICUT COLLEGE AND WESLEYAN UNIVERSITY ARE INSTALLING A JOINT LIBRARY COMPUTER SYSTEM THAT WILL GIVE STUDENTS AND FACULTY AT THE THREE SCHOOLS DIRECT ACCESS TO ALMOST THREE MILLION VOLUMES.







PLAYWRIGHT EDWARD ALBEE '50 RETURNED TO CAMPUS TO CONDUCT A MASTER CLASS IN PLAY WRITING AND DIRECTING, AND DELIVER A PUBLIC LECTURE TO A CAPACITY AUDIENCE IN GOODWIN THEATRE.

One important measure of its success is the College's ability to attract a growing pool of highly qualified candidates for admission. Both the number of applicants and their reported test scores continued at the favorable levels of recent years, and we were particularly gratified by our success in increasing the number of black and Hispanic matriculants. Students from these groups make up 11% of the new freshman class, twice last year's percentage. If Asian and Native American students are included, the total comprises 17% of the class, a new high for Trinity. This effort constitutes an important aspect of one of the College's long-term objectives, increasing the diversity of its student body. We also recognize the importance of encouraging a hospitable and congenial atmosphere on campus for students of color and to this end have appointed an Assistant Dean of the Faculty to help them derive full benefit from the academic and social opportunities available at the College.

The implementation of two computer-related initiatives began during the year. One will involve the conversion of most of our administrative data processing to a single, integrated system over the next two years. New hardware and software are in place, and the first application—our business and financial records—was transferred over the summer. The second undertaking is a consortial effort with Connecticut College and Wesleyan University to consolidate the respective library records into one on-line automated system, accessible to users on all three campuses. The hardware is now in place (at Wesleyan), and Trinity's catalogue has already been entered into the data base. Those of the other two institutions will follow shortly. We are confident that the "CTW" consortium's automated system will expedite bibliographical searches, improve the availability of materials, and facilitate a more coordinated approach to the acquisition of books and periodicals. We are most grateful to the W.M. Keck Foundation and The Culpepper Foundation, Inc. for their generous support in this undertaking.

Trinity is a residential college, and the life of its student body includes an astonishing array of lectures, films, musical and stage productions, and other activities. The past year was a characteristically lively one. Campus guests included playwright Edward Albee '50, film director Tony Bill, developer Oliver Carr, novelist Edna O'Brien, theologian Jaroslav Pelikan, *New York Times* photographer Dith Pran, art critic Arlene Raven, and columnist George Will '62. An exciting lecture series on *Applications of Artificial Intelligence* brought a variety of top-level speakers to the campus from education and industry. Prize-winning poet Sharon Olds spent a week in residence, and the Poetry Center also hosted a number of leading poets including Gjertrud Schnakenberg and Sandra McPherson. Austin Arts Center was the scene of some splendid performances by both campus and visiting artists. The varied offerings



included Stephen Sondheim's *Sweeney Todd, The Demon Barber of Fleet Street*, Shakespeare's *Tragedy of King Richard the III* by the National Theatre of Great Britain, a dance performance by Momix, and concerts by Meredith Monk, the Hilliard Ensemble of London, Riverside Church organist John Walker, and the Talking Drums of West Africa.

Beyond the campus a growing number of our students expanded their educational and social horizons through activities in the greater Hartford community. More than 300 undergraduates served as interns with area businesses, cultural organizations, and health care and social service agencies. Through membership in "Campus Compact," a national organization that focuses attention on public service, Trinity has encouraged its students to become involved in volunteer activities. The Trinity Community Outreach Program of the student government determined community needs and matched them with student talents and interests. Student volunteers served meals at soup kitchens, tutored in neighborhood schools, established an Adopt-a-Grandparent program at a local convalescent home, ran food drives, acted as Big Brothers and Big Sisters, and worked on many other community service projects.

Athletics also represent an important facet of student life. Last year our women athletes turned in a particularly remarkable record, with the varsity field hockey, lacrosse, and softball teams all winning New England championships. The squash team was ranked second in the nation, while the women's crew finished third in the Dad Vail Regatta. Among the men's varsity teams, ice hockey also placed first in its division in New England, and football, swimming, crew, and track had outstanding seasons. Though more than one-half of our students derive enjoyment as well as personal development from varsity competition, there is full recognition that their academic obligations come first. It was reassuring to note that co-captains of two of our major varsity sports (football and men's soccer) were also members of Phi Beta Kappa.

Because Trinity has a national reputation and draws students selectively from a wide geographical area, the College is sometimes charged with indifference towards its own community. We make special efforts to be a good neighbor to those in our immediate area as well as a responsible citizen in our city. Faculty members are involved in a growing number of programs designed to motivate students in the local schools and enrich their educational opportunities. The Classical Magnet School Program, the Talented and Gifted Program, the Connecticut Pre-Engineering Program, and Upward Bound are among the ongoing partnerships Trinity has with Hartford public schools. As already noted, students also undertake numerous forms of volunteer work in the community. Perhaps our greatest service to Hartford, however, is the high-quality education offered to Hartford young people, often with







WOMEN'S LACROSSE, ONE OF SEVERAL OUTSTANDING VARSITY TEAMS, HAD AN UNDEFEATED SEASON AND CAPTURED ITS THIRD CONSECUTIVE NEW ENGLAND CHAMPIONSHIP.



MORE THAN A DOZEN TRINITY FACULTY AND SEVERAL UNDERGRADUATES TAKE PART IN THE CONNECTICUT PRE-ENGINEERING PROGRAM, WHICH SEEKS TO PREPARE HARTFORD YOUNGSTERS FOR POST-SECONDARY EDUCATION IN FIELDS REQUIRING SCIENTIFIC AND MATHEMATICAL PROFICIENCY.



substantial scholarship aid. We are increasing our efforts to inform qualified students in Hartford's high schools of the opportunities at Trinity and hope that a growing number of these young people will choose to enroll here.

I want to express my particular gratitude to Borden W. Painter, Jr., who, in June, concluded his tour of duty as Dean of the Faculty. He played a very important part in forming the curricular and other plans I have described in this report, and his open, witty, and considerate approach to the sometimes vexatious problems of academic administration will be missed by us all. We envy the Faculty colleagues and students who now welcome his return to the History Department. I also extend the thanks of both the Faculty and the Administration to Professor Frank Kirkpatrick, who is stepping down after three years of distinguished service as Secretary of the Faculty.

We are all saddened by the death of one of our retired colleagues, J. Wendell Burger, J. Pierpont Morgan Professor, emeritus, of Biology. His scholarly achievements as well as his personal qualities will be remembered by us all.

I also note with regret the retirement of Gustave W. Andrian, John J. McCook Professor of Modern Languages; Walter J. Klimczak, Seabury Professor of Mathematics and Natural Philosophy; Theodor M. Mauch, Professor and Ellsworth Tracy Lecturer in Religion; James M. Van Stone, Professor of Biology; and Glenn Weaver, Professor of History. We all appreciate their many years of service to Trinity and its students.

In conclusion, I would point out that a chronicle such as this necessarily misses much of the flavor of the two most important activities in the ongoing life at the College: the educational encounters in classroom and laboratory, and the scholarly work of individual faculty members. Following my report is a compendium of some of these professional activities of the Faculty. I congratulate them for their achievements and thank them for their central contribution to the success and usefulness of the College.

  
JAMES F. ENGLISH, JR.



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## Faculty Presentation and Publications

DAVID J. AHLGREN, Associate Professor of Engineering and Computer Science

Co-authored "A Multidisciplinary Undergraduate Engineering Project at a Liberal Arts College: A Progress Report," in *Proceedings of the Annual Eastern Small College Computing Conference*, Scranton, PA, October, 1986.

David J. Ahlgren, et al., "A Prosthetic Limb Sensory Feedback System for Slip Detection," in *Proceedings of the IEEE Engineering in Medicine and Biology Society 8th Annual Conference*, Fort Worth, TX, October, 1986.

Co-authored "Gain-Bandwidth Properties of a Class of Matched Feedback Amplifiers," in *IEEE Transactions on Microwave Theory and Techniques*, MTT-35(4), April, 1987.

Co-authored "A Multidisciplinary Undergraduate Engineering Project at a Liberal Arts College: A Progress Report." Paper presented at the Second Annual Eastern Small College Computing Conference, Scranton, PA, October, 1986.

David J. Ahlgren, et al., "A Computer Model of the AIDS Epidemic." Paper presented at the III International Conference on AIDS, Washington, D.C., June 1-3, 1987.

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DINA L. ANSELM, Assistant Professor of Psychology

"Houston Test of language development," in *Test Critiques*, Vol. V, D.L. Keyser and R.C. Sweetland (eds.), Kansas City, MO: Test Corporation of America, 1986.

Dina Anselmi, et al., "Young children's coordination of gestural and linguistic reference," in *First Language*, 5, pp. 199-210, 1984/1985.

Dina Anselmi, et al., "Presuppositional knowledge in children's narrative." Paper presented at the International Congress for the Study of Child Language, Lund, Sweden, July, 1987.

Dina Anselmi, et al., "Pronominal reference and article use in story retelling." Paper presented at the Society for Research in Child Development, Baltimore, MD, April, 1987.

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MARDGES BACON, Associate Professor of Fine Arts

*Ernest Flag: Beaux-Arts Architect and Urban Reformer*, New York and Cambridge, MA: AHF Foundation and MIT Press, 1986.

Chaired the Beaux-Arts session at the annual symposium in American architecture, Buell Center, Columbia University, March 28, 1987.

Chaired a session at the annual meeting of the Society of Architectural Historians in Washington, D.C., "Cross Currents in Architectural Theory and Design: France and America, 1890-1930," April 2-6, 1986.

Chair, New England Chapter of the Society of Architectural Historians' Fall Tour of Hartford, October 4, 1986.

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JOSEPH D. BRONZINO, Professor of Engineering and Computer Science, Vernon Roosa Professor of Applied Science

Joseph D. Bronzino, et al., "Measures of EEG Ontogeny-Spectral Analysis Approaches," "Classification of Multi-Unit Activity in the Hippocampal Formation," "Analyses of Hippocampal Evoked Field Potentials," "Hippocampal Kindling: A measure of Seizure Susceptibility," "A Microcomputer Based System for Multiple Unit Analyses," "Quantification of EEG and Unit Activity," in *Proceedings of the 8th Annual IEEE-EMBS Conference*, G.V. Kondraske and C.J. Robinson (eds.), IEEE Press (Catalog No. 86CH2368-9), November, 1986.

Joseph D. Bronzino, et al., "Evolution of the American Health Care System: Economic and Ethical Implications," in *EMBS Magazine*, 5(3): pp. 5-10, September, 1986.

Joseph D. Bronzino, et al., "Prenatal Protein Malnutrition Affects Synaptic Potentiation in the Dentate Gyrus of Rats in Adulthood," in *Developmental Brain Research*, 29: pp. 267-273, 1986.

Joseph D. Bronzino, et al., "Expert Systems in Psychiatry: A Review," in *Proceedings of the 20th Annual Hawaiian International Conference on System Sciences*, R. R. Grams and R. H. Sprague (eds.), 3, pp. 84-93, 1986.

Joseph D. Bronzino, et al., "Bispectral Analysis of the EEG During Various Vigilance States," and "The Role of the Engineer and IEEE in Health Care Policy," in *Proceedings of the 9th Annual IEEE-EMBS Conference*, K. Foster (ed.), IEEE Press, November, 1987.

"Quantification of EEG and Unit Activity," "Measures of EEG Ontogeny-Spectral Analysis Approaches," "Health Care Engineering Policy-The Role of IEEE in Government Regulation." Papers presented at the 8th Annual IEEE-EMBS Conference, Fort Worth, TX, November, 1986.

PHILIP S. BROWN, JR., Lecturer in Mathematics "Parameterization of drop spectrum evolution due to coalescence and breakup," in *J. Atmos. Sci.*, Vol. 44, No. 1, pp. 242-249, 1987.

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W. MILLER BROWN, Professor of Philosophy "The Limits of Behaviorism," in *B.F. Skinner: Consensus and Controversy*, (Falmer International Master-Minds Challenged), Sohan and Celia Modgil (eds.), Sussex, England: Falmer Press, 1987.

"Star Wars and the Weapons of Life." Lecture presented at the Westminster School, Simsbury, CT, October 2, 1986.

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WILLIAM N. BUTOS, Assistant Professor of Economics

"Rhetoric and Rationality." Paper presented at the Auburn University Economics Colloquium, May 8, 1987.

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GEORGE E. CHAPLIN, Professor of Fine Arts and Director of the Studio Arts Program Participant in group exhibition, "The Color Red," Munson Gallery, New Haven, CT, September 19-October 11, 1987.

One person exhibition/gallery talk, Pump House Gallery, Hartford, CT, July 2-August 7, 1987.

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WALKER CONNOR, John R. Reitemeyer Professor of Political Science

"Ethnonationalism," in *Understanding Political Development*, Myron Weiner and Samuel Huntington (eds.), Boston: Little Brown and Company, pp. 196-220, 1987.

"Soviet Nationality Policy in Broad Perspective." Introductory address presented to the 1987 Soviet-East European Colloquium, George Washington University, Washington, D.C., January, 1987.

"An Overview of Communism Today: The Eastern Bloc." Paper presented at the Darien/New Canaan Community Association, January, 1987.

"The Soviet Union's Continuing National Question." Address, co-sponsored by the Department of Political Science and the Center for Soviet and East European Studies, presented at the University of Connecticut, March, 1987.

"Ethnic Nationalism: The Quest for Understanding." Paper presented at the Annual Arieh Ben-Eliezer Lecture, Hebrew University of Jerusalem, Israel, March, 1987.

"The Ethnic Guerrilla." Paper presented to the Department of International Relations and the Leonard Davis Institute for International Relations, Hebrew University of Jerusalem, Israel, April, 1987.

"Nationalities Policies in Soviet Central Asia." Paper presented at the Annual Symposium of the Washington, D.C. Chapter of The American Association for the Advancement of Slavic Studies, co-sponsored by the Institute for Sino-Soviet Studies, School of Public and International Affairs, George Washington University, Washington, D.C., May, 1987.

"Russian Ethnic Nationalism in Comparative Perspective." Paper presented at the Conference on Russian Nationalism and the Soviet Regime, Airlie House, Warrenton, VA, June, 1987.

"Guerrilla Struggle and Tomorrow's Political Map." Paper presented to the Trinity Alumni College, June, 1987.

"Democracy, Ethnocracy, and the Modern Multinational State: Paradoxes and Tensions." Paper presented at the Conference on the Sociology of Nationalism, II World Basque Congress, Vitoria, Spain, September, 1987.

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WARD S. CURRAN, George M. Ferris Professor in Corporation Finance and Investments

"The Role of Public Choice Theory in the Regulation of the Securities Markets." Paper presented to the Business Law Section of the American Bar Association, St. Louis, MO, April, 1987.

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ROY B. DAVIS III, Assistant Professor of Engineering and Computer Science

"Engineering Educational Structure: One Perspective," in *The Proceedings of the 64th Annual Meeting of the New England Section of the American Society for Engineering Education*, pp. 28-29, September, 1986.

Co-authored "A Multi-disciplinary Undergraduate Engineering Project at a Liberal Arts College: A Progress Report," in *The Proceedings of the Second Annual Eastern Small College Computing Conference*, pp. 21-32, 1986.

"The Measurement of Prosthetic Limb Socket Pressure," in *The Proceedings of the Eighth Annual IEEE/Engineering in Medicine and Biology Society Conference*, pp. 1846-1849, 1986.

Roy B. Davis III, et al., "A Prosthetic Limb Sensory Feedback System for Slip Detection," in *The Proceedings of the Eighth Annual IEEE/Engineering in Medicine and Biology Society Conference*, pp. 1850-1853, 1986.



Roy B. Davis III, et al., "The Evaluation of Muscle Moments: A Preliminary Report," in *The Proceedings of the Thirteenth Northeast Bioengineering Conference*, 1987.

"Engineering Educational Structure: One Perspective." Paper presented at the 64th Annual Meeting of the New England Section of the American Society for Engineering Education, Boston, MA, September, 1986.

"A Multi-disciplinary Undergraduate Engineering Project at a Liberal Arts College: A Progress Report." Paper presented at the Second Annual Eastern Small College Computing Conference, University of Scranton, Scranton, PA, October, 1986.

"The Measurement of Prosthetic Limb Socket Pressure." Paper presented at the Eighth Annual IEEE/Engineering in Medicine and Biology Society Conference, Fort Worth, TX, November, 1986.

"A Prosthetic Limb Sensory Feedback System for Slip Detection." Paper presented at the Eighth Annual IEEE/Engineering in Medicine and Biology Society Conference, Fort Worth, TX, November, 1986.

"The Evaluation of Muscle Moments: A Preliminary Report." Paper presented at the Thirteenth Northeast Bioengineering Conference, Philadelphia, PA, March, 1987.

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DIANA EVANS, Assistant Professor of Political Science

"PACs and Roll-call Voting: Conditional Power," in *Interest Group Politics*, 2nd ed., Allan J. Cigler and Burdett A. Loomis (eds.), Congressional Quarterly Press, Washington, D.C., 1986.

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ELLISON B. FINDLY, Associate Professor of Religion and Area Studies

"Jahangir's Vow of Non-Violence," in *Journal of American Oriental Society*, 107.2 (1987): pp. 245-256.

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SHEILA FISHER, Assistant Professor of English

"Enough Tallying: The Wife as Merchant in *The Shipman's Tale*." Paper presented at the International Congress of the Medieval Institute, Kalamazoo, MI, May, 1987.

"'The Regne of Femenye': The Function of Women in the A-Fragment." Paper presented at the NEMLA Convention, Boston, MA, April, 1987.

"Chaucer's Prioress or The Incredible Shrinking Woman." Paper presented at the NEWSA Conference, Trinity College, Hartford, CT, March, 1987.

"Brooklyn Women: Betty Smith's and Paule Marshall's Economies of The Imagination." Paper presented at the MLA Convention, New York, December, 1986.

"Leaving Morgan Aside: The Placement of Women in *Sir Gawain and The Green Knight*." Paper presented at the Barnard-Columbia Symposium on Arthurian Studies, November, 1986.

"Feudal Efforts: Placing Women in Medieval Society." Lecture given at Tunxis Community College's *Women in Their Times* Series, April, 1987.

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JOHN A. GETTIER, Associate Professor of Religion

"The Book of Job as Tragedy." Lecture presented at Amherst College.

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HOLLY GORTON, Assistant Professor of Biology

Co-authored "A CSIP-funded plant physiology program based on student-initiated projects," in *Midwest Bioscience*, 13(2): pp. 14-16, 1987.

"Water relations in pulvini from *Samanea saman*, I. Intact Pulvini," in *Plant Physiology* 83: pp. 945-950, 1987.

"Water relations in pulvini from *Samanea saman*, II. Effects of excision of motor tissue," in *Plant Physiology* 83: pp. 951-955, 1987.

Co-authored abstract "A relatively low-cost area-measurement system for Macintosh users" in *Plant Physiology* 83: 2S.

Co-authored "A CSIP-funded plant physiology laboratory program based on student-initiated projects." Paper presented at the American Society of Plant Physiologists in St. Louis, MO, July 20, 1987.

"Protoplasts from Pulvini of *Samanea saman*." Lecture given at Smith College, Northampton, MA, November 21, 1986.

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CHERYL GREENBERG, Assistant Professor of History

"Black Women in the Church: Harlem Political Action in the Great Depression." Paper presented at the Berkshire Conference of Women Historians, June, 1987.

"Black Women at Work in the Great Depression." Paper presented at the National Women's Studies Association, June, 1987.

"Black Women and Political Action: Harlem and the Depression." Lecture presented at Columbia University, April, 1987.

"The Legacy of Birmingham." Lecture presented at the Hartford Stage Company Sunday Afternoon Series, March, 1987.

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KARL F. HABERLANDT, Professor of Psychology

Co-authored "Research on component processes in reading: Reply to Danks," in *Journal of Experimental Psychology: General*, 115, pp. 198-200, 1986.

Karl F. Haberlandt, et al., "Effects of task and new arguments on word reading times," in *Journal of Memory and Language*, 25, pp. 314-322, 1986.

"Learning something new." Colloquium given at the department of psychology, Memphis State University, Memphis, TN, April, 1987.

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CHARLES R. HAMMOND, Adjunct Professor of Astronomy

"The Chemical Elements," updated revision in *Handbook of Chemistry and Physics*, 68th edition, CRC Press., Inc., Boca Raton, FL, August, 1987.

"Astronomy of Ancient Egypt." Lecture presented at an astronomical convention sponsored jointly by the Astronomical Society of Greater Hartford and the astronomy department of Wesleyan University, Science Center, Wesleyan University, Middletown, CT, September 12, 1987.

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JOAN D. HEDRICK, Director of Women's Studies

"'Peaceable Fruits': The Ministry of Harriet Beecher Stowe." Paper presented at the Seventh Berkshire Conference on the History of Women, Wellesley College, Wellesley, MA, June 20, 1987.

Recipient of National Endowment for the Humanities Fellowship, 1987-88, for a biography of Harriet Beecher Stowe.

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DAVID E. HENDERSON, Associate Professor of Chemistry

Co-authored "Low Temperature High-Performance Liquid Chromatography of *cis-trans* Proline Dipeptides," in *Journal of Chromatography*, 368, pp. 203-213, 1986.

Co-authored "Reversed-Phase Ion Pair HPLC Analysis of Sugar Phosphates," in *Journal of Chromatographic Science*, Vol. 24, May, 1986.

"Reversed-Phase Ion Pair PLC Analysis of Sugar Phosphates." Co-authored paper presented at the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, Atlantic City, NJ, March 10-14, 1986.

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SHARON D. HERZBERGER, Professor of Psychology

Review of *Child Sexual Abuse: New theory and research*, by D. Finkelhor, in *Journal of Interpersonal Violence*, 1, pp. 238-240. 1986.

Sharon D. Herzberger, et al., "The development of an Assertiveness Self-Report Inventory," in *Journal of Personality Assessment*, 48, pp. 317-323. Portions reprinted in *Measures of Clinical Practice*, J. Fischer (ed.), New York: Free Press, 1987.

Co-authored "Depression, self-esteem and the absence of self-protective attributional biases," in *Journal of Personality and Social Psychology*, 52, pp. 72-80, 1987.

Co-authored "The psychology of social contagion and its relevance to accounts of group victimization of children." Paper presented at the Third National Family Violence Research Conference, Durham, NH, July, 1987.

"Classification of Child Abuse Cases." Colloquium presented at the University of Granada, Spain, May, 1987.

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DONALD D. HOOK, Professor of Modern Languages

*J. Pierpont Morgan, Collector*, Wadsworth Atheneum, translation of entries and introductions from the German, published by United Technologies Corp., National Endowment for the Humanities, and the National Endowment for the Arts, 1987.

"Hermann Hesse," in *Popular Fiction in America: Series II*, Beacham Pub., 1987. "More Time in Classroom Might Improve Education," in *Hartford Courant*, December 14, 1986.

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DIANNE HUNTER, Associate Professor of English

Review of *Fractured Juliet* in *Theatre Journal* 38:3, (October 1986), The Johns Hopkins University Press, pp. 364-366.

Chair of Modern Language Association Convention Session on "The Repressions of Psycholanalytic Discourse," New York, December, 1986.

"Myth and Psychology in Shakespeare's *Macbeth*." Paper presented at the Shakespearean



Tragedy and Gender Seminar, Shakespeare Association of America Convention, Seattle, WA, April, 1986.

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DREW A. HYLAND, Charles A. Dana Professor of Philosophy

"Responding to the Tyranny of Scholarship," in *Ancient Philosophy*, Vol. 5, 1986.

"Taking the Longer Road: The Irony of Plato's *Republic*." Paper presented at the Metaphysics Seminar of New York, City College of New York, April 24, 1987.

"The Affinity of Play and Art." Lecture presented at Mt. Allison University, Sackville, New Brunswick, April 15, 1987.

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SAMUEL KASSOW, Professor of History

"The Problem of the Shtetl." Paper presented at YIVO Yiddish Studies Seminar, YIVO Institute, New York, September, 1986.

"The Russian Universities and the Revolution of 1905." Paper presented at the annual meeting of American Association for the Advancement of Slavic Studies, New Orleans, LA, November, 1986.

"Philanthropy, Culture and Politics in Wilno: 1915-1919." Paper presented at the annual meeting of the Association of Jewish Studies, Boston, MA, December, 1986.

"Social Tensions in the Interwar Polish Shtetl." Schwartz Memorial Lecture, University of Toronto, Toronto, Canada, March, 1987.

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PRISCILLA KEHOE, Assistant Professor of Psychology

Co-authored "Behavioral responsivity to tastes in developing rats," in *The Physiology of Thirst and Sodium Appetite*, G. de Caro, A.N. Epstein & M. Massi (eds.), Plenum Press: New York, 1986.

Co-authored "Opioid mediation of separation distress in 10-day-old rats: Reversal of stress with maternal stimuli," in *Developmental Psychobiology*, 19, pp. 385-398, 1986.

Co-authored "Behaviorally functional opioid systems in infant rats: II. Evidence for pharmacological, physiological, and psychological mediation of pain and stress," in *Behavioral Neuroscience*, 100, pp. 624-630, 1986.

Co-authored "Behavioral characteristics of emerging opiate systems in newborn rats," in *Perinatal Development: A Psychological Perspective*, N. Krasnegor, E. Blass, M. Hofer, & W. Smotherman (eds.), Orlando, FL, Academic Press, 1987.

Priscilla Kehoe, et al., "Interaction between sucrose, pain and isolation distress," in *Pharmacology Biochemistry and Behavior*, 31, pp. 150-155.

"Preferred tastes: Reduced isolation cries and analgesia in 10-day-old rat pups." Paper presented at the International Society for Developmental Psychobiology, Annapolis, MD, 1986.

"Separation vocalizations: Ontogeny of adrenergic effects in rat pups." Paper presented at the Society for Neuroscience, Washington, D.C., 1986.

"Ontogeny of adrenergic effects on separation vocalizations in rat pups." Paper presented at the Symposium on *The Physiological Control of Mammalian Vocalization*, National Institute of Health Animal Center, Poolesville, MD, 1986.

"Opioid mediation of preferred tastes in day-10 rats." Paper presented at Second World Congress of Neuroscience, Budapest, Hungary, August 16-21, 1987.

"Ontogeny of behavioral opioid systems." Colloquium presented at the University of Massachusetts, Amherst, MA, November 20, 1986.

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ARNOLD L. KERSON, Professor of Modern Languages

"José Larrañaga: una especie de heroé existencialista barojiano," in *Actas del Octavo Congreso de la Asociación Internacional de Hispanistas*, Vol. II, Madrid, Spain, pp. 69-76, 1986.

"The Latin Book in Mexico from the Sixteenth to the Eighteenth Century." Paper presented at The Book in the Americas Conference, Brown University, Providence, RI, June, 1987.

Chaired seminar, "Tradition, Change, and Crisis in the Spanish Theater of the Eighteenth Century," at the XVIIIth Annual Meeting of the American Society for Eighteenth-Century Studies, Cincinnati, OH, April, 1987.

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FRANK KIRKPATRICK, Professor of Religion

Review of T.F. Tracy's *God, Action and Embodiment* in the *Thomist*, October, 1986.

Review of P.G. Stromberg's *Symbols of Community* in *Journal for Scientific Study of Religion*, March, 1987.

"Ministry in the Year 2000," in *Ministry Development Journal*, Spring, 1986.

Discussion leader and presenter, Third Annual Israel Symposium, Hartford, CT, April, 1987.

"Contemporary Christian Controversy About the Role of Gold in History." Lecture presented to the Capitol Region Conference of Churches, September, 1986.

Lecture presented at the International Violence: Ethical Dimensions Conference, University of Connecticut, September, 1986.

HELEN LANG, Associate Professor of Philosophy

"Bonaventure's Delight in Sensation," in *New Scholasticism*, LX, pp. 72-90, 1986.

Book review of S. Marrone's *Truth and Scientific Knowledge in the Thought of Henry of Ghent*, *Speculum Anniversary Monographs*, 11, *ISIS*, 77: 3: 288, pp. 541-542, 1986.

"Points, Lines and Infinity: *Physics* VI and Hellenistic *Physics*." Respondent to lecture by Professor David Konstan, professor of classics, Wesleyan University, Boston Colloquium in Ancient Philosophy, Boston, MA, October 2, 1986.

"Albertus Magnus as Commentator on Aristotle's *Physics*" *The Classics in the Middle Ages*, Center for Medieval Studies, SUNY, Binghamton, October 16-18, 1986.

"Participation in Thomas Aquinas." Respondent to lecture by Professor J. Wippel, Professor of Philosophy, Catholic University of America, Society for Medieval and Renaissance Philosophy, APA Boston, December, 1986.

"Aristotle's *Physics*: Teleological Method and Its Medieval Half-life." Paper presented at The Eighth International Congress of Medieval Science, pp. 23-27, August, 1987.

CHARLES W. LINDSEY, Associate Professor of Economics

"Economic Crisis in the Philippines," in *Development and Cultural Change: Cross Cultural Perspectives*, Ilpyong J. Kim (ed.), New York: Peragon House Publishers, 1986.

"Transfer of Technology to the ASEAN Region by U.S. Transnational Corporations," in *ASEAN Economic Bulletin*, 3, November, 1986.

Co-authored "Multinationals from Large and Small Countries: A Philippine Case Study," in *Banca Nazionale del Lavoro Quarterly Review*, No. 160, March, 1987.

Charles W. Lindsey, et. al., "Economic Crisis," in *The Philippine Reader: A History of Colonialism, Neocolonialism, Dictatorship, and Resistance*, Daniel

B. Schirmer and Stephen Rosskamm Shalom (eds.), Boston: South End Press, 1987.

"Foreign Investment in the Philippines," in *The Philippine Reader: A History of Colonialism, Neocolonialism, Dictatorship, and Resistance*, Daniel B. Schirmer and Stephen Rosskamm Shalom (eds.), Boston, South End Press, 1987.

"The Nationalist View of the Philippine Economy: Criticisms and Prospects," in *Rebuilding a Nation: Philippine Challenges and American Policy*, Carl H. Lande (ed.), Washington, D.C., the Washington Institute, 1987.

"The Philippine State and Transnational Investment," in *Bulletin of Concerned Asian Scholars*, 19, April-June, 1987.

"Criticism of Economic Policy Under the Marcos Regime and New Initiatives." Paper presented at the Canadian Council for Southeast Asian Studies Conference, Carleton University, Ottawa, October, 1986.

"Philippines Update." Participant in roundtable discussion at the Mid-Atlantic Region of the Association for Asian Studies Annual Meeting, University of Delaware, October-November, 1986.

"Balancing the Curriculum." Participant in the roundtable discussion at the New England Women's Studies Association Meeting, Trinity College, Hartford, CT, March, 1987.

"The Philippines: Crisis, Turmoil, and Transformation." Lecture presented at the Town/Gown Forum: "Global Hot Spots: Four Countries at the Crossroads," Trinity College, Hartford, CT, October, 1986.

"Prospects for Economic Reform." Lecture presented at the Five College Program in Peace and World Security, "The Philippines: Will Aquino Make a Difference?" Hampshire College, Amherst, MA, March, 1987.

WILLIAM M. MACE, Professor of Psychology

"Remembering the Optic Array: Brunswik in the light of Gibson." Paper presented at the Third International Conference on Event Perception and Action," Uppsala University, Sweden, June 24-29, 1985.

Leader of workshop on "Realism in Psychology" and discussant on a paper by architect, Peter Eisenman, at conference on "Architecture and Reality," University of Texas, Austin, TX, October 23-24, 1986.



Discussant for keynote address, "Perceiving, Imaging, and Learning." "Perceiving Persistence: Sweeping Memory Under the Rug." Paper and discussion presented at the conference on "Speaking, Reading, Thinking, and Development: A Conference on the Accomplishments and Goals of Modern Research," University of South Florida, January 16-18, 1987.

Co-presented "How Naive are Naive and Ecological Physics?" at the Fourth International Conference on Event Perception and Action, University of Trieste, Italy, August 24-28, 1987.

NUSHA MARTYNUK and CARTER McADAMS, Artists-in-Residence in Theater and Dance

1986-1987 performances given by their company, Partners: Martynuk/McAdams Dance include:

Benefit for AIDS research, Charter Oak Temple, Hartford, CT.

Interactive performance with Myron Krueger's "Matrix 92 Videoplace," Wadsworth Atheneum Matrix Gallery, Hartford, CT.

"Act Without Words II," Beckett Festival, Hartford, CT.

Performance (and panel members) at New England Dance Conference, Dartmouth, NH. Concert at River Valley Playhouse, Putney, VT.

THEODORE O. MASON, JR., Assistant Professor of American Studies and English

"The Academic Critic and Power: Recent Developments in Afro-American Literary Criticism," in *Culture/Criticism/Ideology*, Boston: Northeastern University Press, pp. 45-60, 1986.

"Women and Narrative: Stories in the Fiction of Toni Morrison." Paper presented at the New England Women's Studies Association Conference, Trinity College, Hartford, CT, March, 1987.

"Reading the Self into History." Paper presented at the Watkinson Library Panel on "The Confederacy: From Hope to Despair," Trinity College, Hartford, CT, April, 1987.

Guest commentator for "Toni Morrison," a section in a series on Modern English and American Literature, produced by the Annenberg Foundation and the Corporation for Public Broadcasting, August, 1987.

DAVID MAURO, Assistant Professor of Mathematics

"Regression with Censored Data." Paper presented at the First New England Statistics Symposium, University of Connecticut, April 11, 1987.

CLYDE D. McKEE, JR., Professor of Political Science

"Political Terrorism: Can We Defend Ourselves Without Fundamental Changes in Our Rights and Liberties?" Lecture presented to the Trinity Club of Hartford, March 19, 1987.

Chaired two panels, "Political Terrorism: Comparative Perspective—Europe and the U.S.," and "What Publishers Need to Tell Political Scientists and Vice Versa;" presented paper, "Political Terrorism: The European Response to the American Strike on Libya," and chaired the nominating committee at the New England Political Science Association Annual Conference in Cambridge, MA, April, 3-4, 1987.

Participant in an urban planning panel on "Stamford Area Studies" at the University of Connecticut, Stamford campus, April 21, 1987.

"The Evolution of the British Legal System." Paper presented at the Northeastern Regional Business Law Association Conference in Monticello, NY, April 24-26, 1987.

"Political Terrorism: Whose Direction Should We Follow?" Lecture presented to the Connecticut Retired Officers' Association, Hartford, CT, April 30, 1987.

Symposium participant: "England's Use of American Strategies and Techniques for Managing Urban Problems," University of Connecticut, May 13, 1987.

Member of the executive committee and participant in the 1988 NEPSA Conference, Boston, MA, June 26, 1987.

Chaired a discussion group on the topic, "Meaning and Significance of the Preamble to the U.S. Constitution," British-American Seminars on the U.S. Constitution, Durham and London, England, Institute of European Studies, July 2-July 18, 1987.

"The Theory and Practice of Parliamentary Procedure in New England Governments." Six lectures presented at Newport College, Newport, RI, August 2-7, 1987.

TAIKING NING, Assistant Professor of Engineering and Computer Science

Co-authored "Multichannel AR Spectrum Estimation: The Optimum Approach in the Reflection Coefficient Domain," in *IEEE Transaction on Acoustics, Speech and Signal Processing*, Assp-34(5): pp. 1139-52, October, 1986.

Co-authored "Detection of Vigilance States: Autoregressive Analysis," in *Proceedings of the 13th Annual Northeastern Bioengineering Conference*, K. Foster (ed.), Philadelphia, PA, March 12-13, 1987.

Co-authored "Power Spectrum Estimation with Uncertainty in the Sample Location of Correlation Measurements," in *Proceedings International Conference on Acoustics, Speech and Signal Processing*, ICAssp, Dallas, TX, April, 1987.

"Detection of Vigilance States: Autoregressive Analysis." Co-authored paper presented at the 13th Annual Northeastern Bioengineering Conference, Philadelphia, PA, March 12-13, 1987.

"Power Spectrum Estimation with Uncertainty in the Sample Location of Correlation Measurements." Co-authored paper presented at the International Conference on Acoustics, Speech and Signal Processing, Dallas, TX, April, 1987.

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JAMES O'ROURKE, Adjunct Professor of Engineering and Computer Science

"The Mathematics of Melanoma Volume," in *Arch. Ophthalmol.* 104: pp. 973-975, 1986.

James O'Rourke, et al., "Extravascular plasminogen activator and inhibitor activities detected at the site of a chronic mycobacterial-induced inflammation," in *Arch. Pathol.* 126: pp. 334-342, 1987.

"Enhanced visualization of fibrinogen derivative depositions in granulomatous eye inflammation." Paper presented at the Assoc. for Res. in Vision and Ophthalmology, Sarasota, FL, May 5, 1987.

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BORDEN W. PAINTER, JR., Professor of History

"Anglican Terminology in Recent Tudor and Stuart Historiography," in *Anglican and Episcopal History*, LVI, 3, September, 1987.

"Hearers of the Word: The Anglican-Puritan Contest and Competition for the Audience." Paper presented at the Annual Meeting of the Shakespeare Association of America, Seattle, WA, April 9-11, 1987.

Co-participant in NEH Summer Seminar on "Fascism" at Yale University, New Haven, CT, June 22-August 14, 1987.

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ROBERT PALTER, Charles A. Dana Professor of History of Science

"The Natural Philosophy of Newton's *De Gravitatione*." Lecture presented at the University of Chicago, May 19, 1987.

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SUSAN D. PENNYBACKER, Assistant Professor of History

"It was not what she said but the way in which she said it: The London County Council and the Music Halls," in *Victorian Music Hall, Volume I: The Business Of Pleasure*, Peter Bailey (ed.), Open University Press, 1986.

"The Millenium by Return of Post: London Progressivism Reconsidered, 1889-1907." Paper presented at the Social History Seminar, King's College, Cambridge, England, May, 1987.

"Municipal Socialism, Women and the London County Council." Paper presented at the Joint Meeting of the Rocky Mountain and Western Conference on British Studies, Denver, CO, October, 1986.

Comment on the session, "Women Seeing Women: Gender and Ideology in Britain and America, 1880-1920," Berkshire Conference on the History of Women, Wellesley College, June, 1987.

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J. FREDERICK PFEIL, Assistant Professor of English

*Shine On and Other Stories*, a collection of short fiction, Lynx House Press, 1987.

Co-edited *The Year Left: An American Socialist Yearbook*, Vol. II, Verso Books, 1987.

"Plot Devices in the Occupation," in *Social Text* 17, Fall, 1987.

"Story," in *PsychCritique*, Vol. II, No. 2, Spring, 1987.

Four reviews in *The Nation*, September 13, 1986, November 15, 1986, February 14, 1987 and June 20, 1987.

"Potholders and Subincisions: Postmodern Bliss in the Works of Thomas Disch Denis Johnson." Paper presented at the annual meeting of the American Comparative Literature Association, Atlanta, GA, March 22, 1987.

CONNTOURS Reading, sponsored by the Connecticut Commission on the Arts, Twain House, Hartford, CT, January, 1987.

Fiction reading for Wednesday Noon Repertory, Center Church House, Hartford, CT, September 25, 1986.

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RICHARD PRIGODICH, Assistant Professor of Chemistry

Richard Prigodich, et al., " <sup>1</sup>H NMR (500 MHz) Identification of Aromatic Residues of Gene 32 Protein Involved in DNA Binding by the Use of Protein Containing Perdeuterated Aromatic Residues and by Site-Directed Mutagenesis," in *Biochemistry*, 25, pp. 3666-3672, 1986.

Richard Prigodich, et al., "A Protein Chemistry-NMR Approach to Mapping Functional Domains in ssDNA Binding Proteins," in *J. Cell. Biochem.* 32, pp. 305-326, 1986.



Richard Prigodich, et al., "Mapping the Functional Domains in the ssDNA Binding Proteins Gene 5 and Gene 32," in *Protein Engineering*, eds. D. L. Oxender and C. F. Fox, chapter 30, pp. 323-336, 1987.

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DAVID A. ROBBINS, Professor of Mathematics

"Injective Banach bundles, II." Paper presented at the Annual Meeting of the American Mathematical Society, San Antonio, TX, January 1, 1987.

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MARIE-CLAIRE ROHINSKY, Visiting Assistant Professor of Modern Languages  
*The Singer's Debussy*, Pelion Press, Rosen Publishers, New York, January, 1987.

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NATALIE ROKLINA, Visiting Instructor in Modern Languages

"Maximilian Voloshin's Poem 'In the Paths of Cain'." Paper presented at the AATSEEL Conference, New York, December, 1986.

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AUGUST E. SAPEGA, Karl W. Hallden Professor of Engineering and Coordinator of Computer Science

"LabVIEW—A Macintosh Program for Laboratory Instrumentation." Paper presented to Nercomp, May, 1987 and Macademia, June, 1987.

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CRAIG W. SCHNEIDER, Professor of Biology

Co-authored "On the male conceptacles of two terete species of *Gracilaria*, (Rhodophyta, Gigartinales) from North Carolina," in *Journal of Phycology* 22, pp. 395-398, 1986.

Co-authored "A revision of the genus *Peyssonnelia* (Rhodophyta, Cryptonemiales) from North Carolina, including *P. atlantica* new species," in *Bulletin of Marine Science* 40, pp. 175-192, 1987.

Co-authored "The distribution of *Styopodium* (Dictyotales) in deep water off Bermuda." Paper presented at the 26th Northeast Algal Symposium, Woods Hole, MA, April, 1987.

THALIA SELZ, Writer-in-Residence, English  
"The One that Pumps the Blood," in *Oktoberfest II*, Jerri Beck and Anne George (eds.), Druid Press, pp. 1-8, 1987.

"Learning American," in *O. Henry Festival Stories 1987*, Evalyn P. Gill (ed.), Transverse Press, pp. 287-196, 1987.

"Shortening It: Chapter into Short Story." Paper presented to the Connecticut Writers League, Trinity College, May 25, 1987.

"Daughters." ConnTours reading of short story, Connecticut Commission on the Arts, Nook Farm, Hartford, CT, January 14, 1987.

"The Man with the Hand Grenade" and "Heading for the Hilltop." Readings given at Tree Tops Writers Colony, South Wellfleet, MA, May 30 and June 3, 1987.

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ROBERT E. SHULTS, Professor of Physical Education

Presented a baseball clinic at Newington High School, March 8, 1987.

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MARK P. SILVERMAN, Professor of Physics  
"Angular Momentum and Rotational Properties of a Charged Particle Orbiting a Magnetic Flux Tube," in *Fundamental Questions in Quantum Mechanics*, eds. L. M. Roth and A. Inomata, (Gordon and Breach, New York, 1986), p. 177.

"Reflection and Refraction at the Surface of a Chiral Medium: Comparison of Gyrotropic Constitutive Relations Invariant or Non-Invariant under a Duality Transformation," in *J. Opt. Soc. Amer. A* 3, p. 830, 1986.

"On Measurable Distinctions between Quantum Ensembles," in *New Techniques and Ideas in Quantum Measurement Theory*, Annals of the New York Academy of Sciences, 480, D. M. Greenberger (ed.), p. 292, 1986.

"Quantum Optics of Particles: Distinctive Features of a Hanbury Brown-Twiss Experiment with Electrons," in *Optics News* 12, p. 123, 1986.

"New Quantum Effect of Confined Magnetic Flux on Electrons," in *Phys. Lett. A* 118, p. 155, 1986.

"On the Search for an Intermediate-Range Modification of the Gravitational Force," in *Europhysics Letters* 3, p. 1, 1987.

"Theoretical Study of Fermion Antibunching in a Field-Emission Beam," in *Bull. American Phys. Soc.* 32, p. 1051, 1987.

"On the Feasibility of Observing Electron Antibunching in a Field-Emission Beam," in *Phys. Lett. A* 120, p. 442, 1987.

"Distinctive Quantum Features of Electron Intensity Correlation Interferometry," in *Nuovo Cimento B* 97, p. 200, 1987.

"Satellite Test of Intermediate-Range Deviation from Newton's Law of Gravity," in *Gen. Rel. and Grav.* 19, p. 511, 1987.

"New Quantum Effects by Means of Electron Intensity Interferometry," in *Proceedings of the 2nd International Symposium: Foundations of Quantum*

*Mechanics in the Light of New Technology*, M. Namiki et al. (eds.), (Physical Society of Japan, Tokyo, 1987), p. 369.

"Gravitationally-Induced Quantum Interference Effects on Fermion Antibunching," in *Phys. Lett. A* 122, p. 226, 1987.

"New Quantum Effects by Means of Electron Intensity Interferometry." Paper presented at the International Symposium on Quantum Mechanics in the Light of New Technology, Tokyo, Japan, September 1-4, 1986.

"Quantum Optics of Particles." Paper presented at the Annual Meeting of the Optical Society of America, Seattle, WA, October 20-24, 1986.

"Effects of Potentials on Fermion Antibunching." Paper presented at the Schroedinger Centenary Conference, Imperial College, London, England, March 31-April 3, 1987.

"Electron Antibunching in a Field-Emission Electron Beam." Paper presented at the Meeting of the American Physical Society, Arlington, VA, April 20-23, 1987.

Discussant in the areas of light scattering and interferometry at the Gordon Research Conference on Lasers and Nonlinear Optics, Brewster Academy, Wolfboro, NH, July 27-31, 1987.

"Test of the Fresnel Relations for a Chiral Medium." Paper co-presented at the 14th Congress of the International Commission for Optics, Quebec, Canada, August 24-28, 1987.

PAUL SMITH, James J. Goodwin Professor of English

"Hemingway's Apprentice Fiction: 1919-1921," in *American Literature*, 58, 4, pp. 574-588, December, 1986.

"Impressions of Ernest Hemingway," in *The Hemingway Review*, 7, 2, pp. 2-10, Spring, 1987.

"Hemingway's Discoveries in Rapallo and Cortina." Paper presented at the Hemingway in Vienna Conference, Fondazione Giorgio Cini, Venice, November 24-25, 1986.

"Hemingway as Tourist." Paper presented at the Mid-Hudson MLA Conference, Poughkeepsie, NY, December 1-2, 1986.

"The Killers' The Manuscripts, The Bright Boys." Paper presented at the Conference on Approaches to Hemingway, San Diego State University, San Diego, CA, March 27-28, 1987.

ROBERT E. SMITH, Composer-in-Residence  
Performed nine harpsichord recitals in seven states.

RANBIR VOHRA, Charles A. Dana Professor of Political Science

*China's Path to Modernization: A Historical Review from 1800 to the Present*, Englewood Cliffs, NJ: Prentice-Hall, 1987.

JAMES L. WEST, Associate Professor of History

Co-organizer of a National Endowment for the Humanities-sponsored scholarly conference on Russian history, Purdue University, West Lafayette, IN, September 3-6, 1987.

WILLIAM E. WILLIAMS, Assistant Professor of Biology

Co-authored "A CSIP-funded plant physiology program based on student-initiated projects," in *Midwest BioScene*, 13(2), pp. 14-16, 1987.

Co-authored abstract "A CSIP-funded plant physiology laboratory program based on student-initiated projects." Presented at the American Society of Plant Physiologists, St. Louis, MO, July 20, 1987.

Co-authored abstract "A relatively low-cost area-measurement system for Macintosh users" in *Plant Physiology*, 83: 2S.

"The effects of elevated carbon dioxide on vegetation." Lecture presented at the State University of New York at Geneseo, April 30, 1987.

DIANE C. ZANNONI, Associate Professor of Economics

Co-authored the lead article in a symposium on the marginal productivity of labor, "On the Nature and use of the concept of the marginal physical product in Post Keynesian Economics," in *Journal of Post Keynesian Economics*, Vol. IX, No. 4, Summer, 1987.

"Keynes and Uncertainty." Co-authored paper presented at Eastern Economic Association Meetings, March, 1987.



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