

DR. WILLIAM B. BERRY  
ASSISTANT DEAN  
COLLEGE OF ENGINEERING  
NOTRE DAME IN 46556

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# notre dame report

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## contents

### the university

- 313 Minor Planet Named after Hesburgh
- 313 EPA Funds Research Center
- 314 Review Committee Formed
- 314 Telephone System Review
- 314 Snite Exhibitions

### faculty notes

- 315 Honors
- 315 Activities

### documentation

- 317 ND/SMC Spring 1981  
Final Examination Schedule
- 320 Faculty Committee for University  
Libraries Minutes December 8, 1980
- 321 Minutes of the 196th Graduate  
Council Meeting December 9, 1980
- 322 Faculty Senate Journal  
December 8, 1980
- 324 Appendix to Faculty Senate Journal  
November 10, 1980

### advanced studies

- 327 Information Circulars  
--(No. FY81-447)  
through
- 330 --(No. FY81-458)
- 330 Current Publications and Other  
Scholarly Works
- 332 Closing Dates for Selected  
Sponsored Programs

80-81

February 6, 1981

number 10

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# the university

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## minor planet named after hesburgh

A minor planet, discovered May 3, 1951, at the Goethe Link Observatory at Indiana University, has been named in honor of Rev. Theodore M. Hesburgh, C.S.C., president of the University of Notre Dame since 1952.

The naming by the International Astronomical Union is the result of a recommendation made last fall by Frank K. Edmondson of Indiana's Department of Astronomy.

Hesburgh, the planet, was listed for the first time this January in the Minor Planet Circulars which cited Hesburgh, the priest, for his "extraordinary record of public service in areas ranging from the humanitarian to the technical and scientific."

"During his 12 years as a member of the National Science Board," the circular read, "he played a very important role in the founding of both the Kitt Peak National Observatory and the Cerro Tololo Interamerican Observatory (CTIO). His support for CTIO during the 1964 period of inflation in Chile was decisive."

## epa funds research center

A national Industrial Waste Elimination Research Center, to research long-term environmental problems due to toxic wastes, will begin soon under a \$1.5 million grant to the University of Notre Dame and the Illinois Institute of Technology from the Environmental Protection Agency (EPA). Funded initially for three years, the project's professional staff will include environmental and chemical engineers on both campuses. Activities on the Notre Dame campus will be directed by Dr. Thomas L. Theis, associate professor of civil engineering.

According to Dr. Theis, the funding of this and seven other centers is a recognition that traditional methods of waste management -- primarily dumping into water or landfills -- are often insufficient to safeguard the public health and meet the needs of society.

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## review committee formed

At its December 1980 meeting, the College Council of the College of Arts and Letters elected a committee to conduct a review of Dean Isabel Charles. Appointments of all deans are subject to such formal review every five years. The committee members are: Thomas Fern, associate professor of art, Philip Gleason, professor of history, Kenneth Jameson, associate professor of economics, Ernan McMullin, professor of philosophy, Donald Schmid, student representative, and Thomas Werge, chairman and associate professor of English. Gleason will serve as the chairman of the committee.

## telephone system review

The University is fast reaching the limits of its present Centrex telephone system and has accepted a recommendation from Indiana Bell for a new Dimension system to serve faculty and administrative users. Student service will continue unchanged with the present Centrex system. The first phase in the planning of the Dimension system will require on-site review of the specific telephone requirements in each department by representatives of Indiana Bell. Interviews for this purpose will be arranged by a telephone representative who will analyze each department's needs and report back the findings in a final interview process.

## snite exhibitions

A rare collection of Rembrandt etchings has been brought together for a premiere exhibition which began Jan. 18 in the Snite Museum of Art. Privately owned, the major display was formed in recent years and is considered to be the most important collection of its category in America.

The 64 black and white etchings by the 17th century Dutch artist constitute almost all of his religious prints and have been acclaimed by critics as including his most important and beautiful works. The exhibition will remain on view until March 29.

Another exhibition, that of drawings and watercolors by Franklin McMahon, noted Chicago artist-reporter, opened at the museum on Jan. 25. The 60 large sheets in the display focus on the Catholic Church since Vatican II.

Through the use of a graphic and often colorful style, McMahon reports on many of the major issues that faced the Church and the social conflicts that posed a threat to humanity. Drawings of the grape pickers striking for better working conditions, the present pope's visit to Auschwitz and Birkenau, a portrait of Dr. Martin Luther King and a march by the Catholic antiwar movement are reminders of conflicts in our recent history. The works will be displayed through Feb. 28.

# faculty notes

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## honors

Eileen T. Bender, assistant professor of English, has been elected to serve as a member of the Executive Subcommittee of the Indiana Committee for the Humanities in the area of program development. Bender will assist in development of a long-range plan for ICH, responding to new imperatives from NEH, Congress, and the Executive Branch.

Fred R. Dallmayr, Dee professor of government, has been invited to serve on the International Board of Advisors of the Center for Advanced Research in Phenomenology at the Southern Methodist University.

James W. Frick, vice president for public relations, alumni affairs and development, was invested as a Knight of Malta in ceremonies in Saint Patrick's Cathedral in New York City, Jan. 19. Membership in the Order of Malta is one of the Catholic Church's highest honors. The organization traces its origin to a group of men who maintained a Christian hospital in the Holy Land in the 11th century, working with the poor and the sick, and the order continues its charitable work today in the 68 countries in which it maintains chapters. New members are chosen by existing members from leading Catholic clergy and laymen. A national leader in the field of educational philanthropy, Frick has been a consultant on administration, governance, public relations and development to institutions of higher learning in Latin America, Europe and Africa, as well as in North America.

Barry Keating, assistant professor of finance and business economics, was named a faculty intern by the American Society for Testing and Materials for 1981.

Thomas J. Mueller, professor of aerospace and mechanical engineering, was presented the AIAA Educational Achievement/ASEE Aerospace Division Award "to recognize a recent outstanding educational achievement and to encourage original innovative improvements in aerospace education," at the AIAA 19th Aerospace Sciences Meeting, St. Louis, Mo., Jan. 13.

## activities

Robert L. Amico, chairman and professor of architecture, was selected and served as a juror for the Illinois Bar Foundation Urban Prison Design Competition sponsored by the Illinois Bar Foundation and the Illinois State Bar Association, held at the Chicago Chapter of the American Institute of Architects on Jan. 12.

Dino S. Cervigni, associate professor of modern and classical languages, read a paper entitled "Everyman, Souls, Angels, and the Serpent in Purgatorio VIII: Antitype of the Adamic Fall and Type of the Redemption" at the Italian medieval section of the 1980 MLA Convention in Houston, Tex., on Dec. 29.

Michael J. Crowe, professor in the general program of liberal studies and graduate program in history of philosophy of science, chaired a session on the history of mathematics at the History of Science Society annual meeting in Toronto on Oct. 18. He also presented a paper entitled "Theory vs. Observation in the Extraterrestrial Life Debate 1700-1916" to the Department of Astronomy and Astrophysics at the University of Chicago, Jan. 14.

Fred R. Dallmayr, Dee professor of government, chaired a panel on "Neo-Conservatism" at the meeting of the Southern Political Science Association in Atlanta, Ga., on Nov. 7.

William Eagan, associate professor of management, participated in the meeting of the Professional Ethics Committee of the National Council for the Social Studies in New Orleans, La., on Nov. 27. He also discussed the classroom use of materials concerning "Corporate Responsibility and the Public Good -- The Reserve Mining Case" at the convention.

Tang Thi Thanh Trai Le, associate professor of law, presented a paper on "The Indochinese Refugee Problem" at the American Association of Chinese Studies Conference held at the University of Virginia, Charlottesville, Va., from Nov. 14-16.

Robert Leader, professor of art, spent the intersemester break in Jerusalem, Israel as a guest of the Charge d'affaires to the Holy See. Leader is serving as Liturgical Artist in the reconstruction of the war-ravaged former French Hospice now the Pontifical Institute of Notre Dame of Jerusalem Center.

John R. Malone, professor of marketing, addressed a luncheon meeting of Christians in Commerce, Inc. on Dec. 11, at the LaSalle Hotel, South Bend. His subject was "Ethics in Advertising and Marketing."

Robert C. Nelson, associate professor of aerospace and mechanical engineering, attended the AIAA Aerospace Sciences Meeting in St. Louis, Mo., Jan. 11-15, where he chaired a session entitled "High Angle of Attack Aerodynamics."

Larry K. Patterson, associate faculty fellow in the radiation laboratory, presented a paper entitled "Studies of Radiation Induced Peroxidation in Model Lipid Systems" at the Gordon Conference on Oxygen Radicals in Biology and Medicine held at Ventura, Calif., on Jan. 12.

Morris Pollard, chairman and professor of microbiology, was an active participant of the National Cancer Institute Large Bowel Cancer Project Workshop. He presented results of experiments on "Chemically-induced Intestinal Cancers and Their Responses to Therapeutic Agents", in Dallas, Tex., on Jan. 7-8.

David Schindler, assistant professor in the general program of liberal studies, explored the question "Should We Believe What We Do Not Understand?" in a talk in Notre Dame's Memorial Library Lounge, Jan. 22.

Robert H. Schuler, professor of chemistry and director of the radiation laboratory, presented a seminar

entitled "Lifetimes of Chemical Intermediates in Radiation Tracks" at the University of Georgia, Athens, Ga., on Jan. 20.

William P. Sexton, chairman and associate professor of management, presented a paper "Self-Fulfillment in the Practice of Medicine," at the annual joint meeting of the Ohio State University and Northeastern Ohio Schools of Medicine in Cleveland, Ohio, Dec. 30.

J. Eric Smithburn, associate professor of law, was a panelist in a program entitled "Teaching Law Outside Law Schools" at Association of American Law Schools Annual Meeting, San Antonio, Tex., Jan. 3.

James P. Sterba, associate professor of philosophy, and Janet A. Kourany, associate professor of philosophy, University of Utah, presented a coauthored paper entitled "The Varieties of Freedom: A Compatibilist Solution" at the Eastern Division Meeting of the American Philosophical Association in Boston, Mass., Dec. 28-30. Sterba also spoke on the moral assessment of differential exposure of workers and the public to technological hazards at the Center for Technology, Environment and Development at Clark University, Worcester, Mass., on Jan. 12.

Edward R. Trubac, associate professor of finance and business economics, presented a talk entitled, "The Short-Term Economic Outlook for the Gray and Ductile Iron Castings Industry" to the Gray and Iron Founders Association at the Drake Hotel in Chicago, Jan. 15.

James F. White, visiting professor of theology, gave three lectures as part of the E.C. Westervelt Lecture series at the Austin Presbyterian Theological Seminary's Midwinter Lectures, Austin, Tex., Feb. 2-5. White's series, titled "Sacraments as Self-Giving" included: "The Humanity of the Sacraments," "The Gift of Baptism," and "The Gift of Eucharist."

# documentation

## nd/smc spring 1981 final examination schedule

- I. LAST CLASS DAY -- is Monday, May 4, 1981. Examinations begin at 8 a.m. Wednesday, May 6, 1981 and continue through 12:30 p.m. Tuesday, May 12, 1981. (Tuesday, May 5 is a study day and no examinations may be scheduled.) No examinations are to be scheduled on Sunday, May 10.
- II. REGULATIONS FOR FINAL EXAMINATIONS -- Two-hour final examinations must be given on the assigned examination dates and at the assigned times. Changes in the hour, date or place of an examination as assigned by the Office of the Registrar are not permitted. Unless a course is designated as a departmental, the examination in each section of the class must be given at the hour designated. (See V below.)
- III. MAY GRADUATES -- If a graduating student has a "B" average or better in the class, the student may be exempt from the final examination at the discretion of the instructor. Names of eligible graduating students will be provided to the faculty on the Semester Grade Lists.
- IV. DEPARTMENTAL EXAMINATIONS AND FRESHMAN EXAMINATIONS -- All freshman courses are examined at a departmental time increment. The authorized departmental examinations are:

<u>DEPARTMENT &amp; COURSE NUMBER</u>	<u>EXAMINATION TIME</u>	<u>DATE OF EXAMINATION</u>
ACCT 334	7:30 - 9:30 p.m.	Thursday, May 7
ACCT 372	1:45 - 3:45 p.m.	Friday, May 8
ACCT 380	1:45 - 3:45 p.m.	Saturday, May 9
ACCT 478	1:45 - 3:45 p.m.	Monday, May 11
AERO 438	7:30 - 9:30 p.m.	Wednesday, May 6
ANTH 109	8:00 - 10:00 a.m.	Thursday, May 7
ARCH 251	10:30 a.m. - 12:30 p.m.	Monday, May 11
ARCH 553	1:45 - 3:45 p.m.	Saturday, May 9
BIOL 102A, 102B	1:45 - 3:45 p.m.	Saturday, May 9
BIOL 104, 202	4:15 - 6:15 p.m.	Friday, May 8
CHEM 102, 116	1:45 - 3:45 p.m.	Saturday, May 9
CHEM 116L	7:30 - 9:30 p.m.	Saturday, May 9
CHEM 224	8:00 - 10:00 a.m.	Monday, May 11
CHEM 224L	7:30 - 9:30 p.m.	Wednesday, May 6
COTH 100 Level	8:00 - 10:00 a.m.	Friday, May 8
EASC 102, 112	1:45 - 3:45 p.m.	Saturday, May 9
EASC 142	4:15 - 6:15 p.m.	Friday, May 8
EASC 462	1:45 - 3:45 p.m.	Wednesday, May 6
ECON 115	8:00 - 10:00 a.m.	Thursday, May 7
ECON 124	7:30 - 9:30 p.m.	Thursday, May 7
EE 222	7:30 - 9:30 p.m.	Saturday, May 9
EG 120	4:15 - 6:15 p.m.	Friday, May 8
EG 121	7:30 - 9:30 p.m.	Friday, May 8
EG 126	1:45 - 3:45 p.m.	Thursday, May 7
EG 236	1:45 - 3:45 p.m.	Monday, May 11
EG 328	1:45 - 3:45 p.m.	Thursday, May 7
EG 334	8:00 - 10:00 a.m.	Tuesday, May 12
ENGL 109	8:00 - 10:00 a.m.	Tuesday, May 12

ENGL 114	10:30 a.m. - 12:30 p.m.	Monday, May 11
FIN 231	1:45 - 3:45 p.m.	Monday, May 11
FIN 360	8:00 - 10:00 a.m.	Tuesday, May 12
FIN 361	7:30 - 9:30 p.m.	Wednesday, May 6
FIN 475	1:45 - 3:45 p.m.	Thursday, May 7
FS 180	8:00 - 10:00 a.m.	Tuesday, May 12
GOVT 141	1:45 - 3:45 p.m.	Thursday, May 7
GOVT 144	1:45 - 3:45 p.m.	Thursday, May 7
HIST 100 Level	10:30 a.m. - 12:30 p.m.	Thursday, May 7
HUM 186	8:00 - 10:00 a.m.	Tuesday, May 12
MARK 231	7:30 - 9:30 p.m.	Saturday, May 9
MATH 100 Level	1:45 - 3:45 p.m.	Wednesday, May 6
MATH 226	1:45 - 3:45 p.m.	Saturday, May 9
ME 337	7:30 - 9:30 p.m.	Thursday, May 7
ME 341	7:30 - 9:30 p.m.	Monday, May 11
ME 440	1:45 - 3:45 p.m.	Friday, May 8
MET 225	1:45 - 3:45 p.m.	Friday, May 8
MGT 230	7:30 - 9:30 p.m.	Wednesday, May 6
MGT 231	7:30 - 9:30 p.m.	Friday, May 8
MGT 240	1:45 - 3:45 p.m.	Friday, May 8
MGT 464	1:45 - 3:45 p.m.	Wednesday, May 6
MLFR 204F, 242	1:45 - 3:45 p.m.	Friday, May 8
MLSP 242	1:45 - 3:45 p.m.	Friday, May 8
MODL 100 Level	1:45 - 3:45 p.m.	Friday, May 8
PHIL 101	1:45 - 3:45 p.m.	Monday, May 11
PHYS 112	10:30 a.m. - 12:30 p.m.	Saturday, May 9
PHYS 128, 142	4:15 - 6:15 p.m.	Friday, May 8
PHYS 202	1:45 - 3:45 p.m.	Wednesday, May 6
PHYS 210	1:45 - 3:45 p.m.	Thursday, May 7
PHYS 221, 222	1:45 - 3:45 p.m.	Friday, May 8
PSY 111	8:00 - 10:00 a.m.	Monday, May 11
SOC 102, 122	8:00 - 10:00 a.m.	Thursday, May 7
THEO 100 Level	4:15 - 6:15 p.m.	Monday, May 11
UNSC 102A, 102B	4:15 - 6:15 p.m.	Saturday, May 9

- V. NONDEPARTMENTAL CLASS EXAMINATIONS -- Class examinations meet in the same classroom used during the semester at the following time increments. Please note the exact starting time for each examination since these hours differ from the starting hours of the classes. 75 or 90-minute classes are to be examined at the time which corresponds to the starting time of a 50-minute class held at the same hour, i.e., 9TT11 will be examined at the same time as 9TTF, etc.

CLASSES BEGINNING AT:	WILL BE EXAMINED AT:	CLASSES BEGINNING AT:	WILL BE EXAMINED AT:
8:00 am MON*	8:00 am THURS MAY 7	8:00 am TUES**	10:30 am MON MAY 11 (SMC)
9, 9:05, 9:30 am MON	8:00 am FRI MAY 8	9:30 am TUES	10:30 am WED MAY 6
10,10:10,11:00 am MON	8:00 am SAT MAY 9	10,10:10,11:00 am TUES	10:30 am THURS MAY 7
11:15 am MON	8:00 am WED MAY 6	11:15 am TUES	10:30 am THURS MAY 7
12:00,12:15 pm MON	8:00 am MON MAY 11		
1:00, 1:15 pm MON	4:15 pm THUR MAY 7	1:00, 1:15 pm TUES	10:30 am FRI MAY 8
2, 2:20, 2:45 pm MON	4:15 pm FRI MAY 8	2, 2:20, 2:45 pm TUES	10:30 am SAT MAY 9
3:00, 3:25 pm MON	4:15 pm SAT MAY 9	3:00, 3:25 pm TUES	10:30 am MON MAY 11
4, 4:15, 4:30 pm MON	4:15 pm MON MAY 11	4, 4:15, 4:30 pm TUES	4:15 pm WED MAY 6
5:00, 5:35 pm MON	10:30 am TUES MAY 12		

\* Monday - Includes classes which meet for the first or only time each week on either MON or WED or FRI.

\*\* Tuesday - Includes classes which meet for the first or only time each week on either TUES or THURS.

# nd/smc spring 1981 final examination schedule

WEDNESDAY MAY 6	THURSDAY MAY 7	FRIDAY MAY 8	SATURDAY MAY 9	SUNDAY MAY 10	MONDAY MAY 11	TUESDAY MAY 12
8:00 am 11MWF 11M 11W to 11F 10:00 am	8MWF 8MW10 8M 8W 8F ANTH 109 ECON 115 SOC 102,122 SMC: R1St 205	9MWF 9MW11 9M 9W 9F COTH 100 level1	10MWF 10MW11 10M 10W 10F	NO EXAMINATIONS	12MWF 12M 12W 12F PSY 111 CHEM 224	FS 180 ENGL 109 HUM 186 FIN 360 EG 334 SMC: Phil 100 level BuEc 231
10:30 am 9TT11 9TU 9TH to 12:30 pm	10TT12 10TU 10TH 11TU 11TH HIST 100 level1	1TT3 1TU 1TH	2TT4 2TU 2TH PHYS 112		3TU 3TH ARCH 251 ENGL 114 SMC: 8TT Nurs 102	5MWF 5M 5W 5F SMC: CpSc 107, 207
1:45 pm MATH 100 level1 MGT 464 PHYS 202 EASC 462 to SMC: Hist 102: 61,63 3:45 pm Hist 104 HuSt 103,464	EG 126,328 GOVT 141,144 FIN 475 PHYS 210 SMC: EnLt 102,103,299 EnLt 203: 68,69 BuEc 316	MLFR 204F,242 MLSP 242 MODL 100 level1 MGT 240 ACCT 372 ME 440 MET 225 PHYS 221,222 SMC: Modl 100 level1	BIOL 102A,102B CHEM 102,116 EASC 102,112 ACCT 380 MATH 226 ARCH 553 SMC: Bio 104 Chem 346		PHIL 101 FIN 231 ACCT 478 EG 236 SMC: Math 100 level1 BuEc 241 Phys 222	
4:15 pm 4TT6 4TU 4TH to SMC: Soc 203 6:15 pm	1MWF 1MW3 1M 1W 1F	2MWF 2MW4 2M 2W 2F BIOL 104,202 EASC 142 EG 120 PHYS 128,142	3MWF 3M 3W 3F UNSC 102A,102B SMC: BuEc 202		4MWF 4M 4W 4F THEO 100 level1 SMC: Soc 153 BuEc 252,446	
7:30 pm MGT 230 FIN 361 AERO 438 to CHEM 224L SMC: 9:30 pm Hist 202: 63,64 BuEc 314 BuEc 333	ECON 124 ACCT 334 ME 337 SMC: EnLt 203: 62,64 66,67 EnLt 409	MGT 231 EG 121 SMC: Govt 152 HuSt 324	MARK 231 CHEM 116L EE 222 SMC: BuEc 221 BuEc 344		ME 341 SMC: BuEc 251,304 BuEc 304	

NOTE: EXAMINATION ASSIGNMENTS ARE NOT TO BE CHANGED WITHOUT THE PERMISSION OF THE REGISTRAR.

## faculty committee for university libraries minutes december 8, 1980

### Present:

Harvey A. Bender, Vincent P. DeSantis, Gerald L. Jones, Lloyd R. Ketchum, Jr., John R. Malone (chairperson), Robert C. Miller, James E. Robinson.

The minutes of the November 10, 1980 meeting were approved for publication.

Committee members were asked to complete a "values exercise" in connection with the Collection Analysis Project.

A statement on computerized literature search charges at Notre Dame was distributed to Committee members. It will be discussed at the January 12th meeting.

Miller said he felt the Advisory Council meetings went quite well. Reports were given on the recommendations of the College Library/Undergraduate Services Report, the Collection Analysis Project, and data base services. The Libraries' funding problems and uses of the endowment funds were discussed. The Council's role in fund raising will be a future agenda item.

Malone reported the luncheon meeting with Richard Conklin and Ronald Parent was successful. They were receptive, responsive and appreciative of being alerted to ways in which they could publish news stories about the Libraries. They will ask James Frick for a copy of the Five Year Development Plan and will also assign the Libraries as part of someone's beat.

Patrick Max, Coordinator of Instruction in the University Libraries, joined the meeting to discuss the Libraries' response to the recommendations in the College Library/Undergraduate Services Report concerning library instruction. He advocates that in addition to the instructional tours of the library and the "spotty" exposure to the library of most students, there be three distinct occasions during which library instruction be given: (1) during a student's freshman year as orientation; (2) on an ad hoc basis for any research assignment; and, (3) as part of course work for departmental majors and graduate students. To be most effective this program needs to be carried out on a more comprehensive basis through gaining the understanding and cooperation of the faculty. After extensive discussion, which included many suggestions from Committee members, it was agreed that they would be kept posted on developments in this area.

Miller told Committee members that the recommendation for the abolition of the College Library as a separate collection had been approved by the University Administration. He also reported on a serious problem which has recently come to light--that of books which are not properly charged out being kept in offices in the tower of the Memorial Library. A reminder of library policy in this regard will be sent to the various office occupants in the building. The letter may indicate that non-compliance to the charge-out policy may result in revoking of individual library privileges. Committee members unanimously support this action.

The meeting adjourned at 5:30 p.m. The next meeting will be held on Monday, January 12, 1981, at 4:00 p.m.

# minutes of the 196th graduate council meeting december 9, 1980

Approved at the 197th Graduate Council Meeting on Jan. 20, 1981.

The meeting began at 3:30 p.m. All the members were present except Robert C. Miller and Dr. Roger A. Schmitz, both excused. Mr. Miller was replaced by Dr. George E. Sereiko. Dr. Edward W. Jerger represented Dean Joseph C. Hogan who could not attend the earlier part of the meeting. Professors Robert L. Amico and Ambrose M. Richardson represented the Department of Architecture.

## I. MINUTES OF THE 195th MEETING

The minutes of the previous meeting were approved as circulated. To ensure early dissemination, the council decided that in the future the minutes of each meeting should be sent to the Notre Dame Report for publication without waiting for council approval.

## II. APPOINTMENT OF NEW GRADUATE FACULTY

The council approved these appointments to the Graduate Faculty:

Electrical Engineering:

Joseph L. Hibey	Assistant Professor
William E. Stanchina	Assistant Professor

Psychology:

Thomas V. Merluzzi	Assistant Professor
John B. Pryor	Assistant Professor
Dennis H. Reid*	Assistant Professor
Karen M. Simon	Assistant Professor

\*Adjunct Graduate Faculty

## III. ADMISSION TO GRADUATE DEGREE CANDIDACY

The list of applications for admission to graduate degree candidacy was approved.

## IV. PETITION FOR A GRADUATE PROGRAM IN THE DEPARTMENT OF ARCHITECTURE

The chairman opened the discussion with a few general observations. The proposal envisions a new degree program. Any positive action on this proposal by the Graduate Council goes forth as a recommendation to the Academic Council. The question before the Council: "Is the proposed program academically sound?" We are in an era of professional certification. Many master's programs represent opportunities for educational renewal and expansion as well as major milestones for professional certification. This trend thus brings to the Graduate School older, "non-traditional" students. Much has been said at various national meetings about programs for the non-traditional student. The program that is proposed addresses the credentialing issue and is directed, but not exclusively, toward the older student who has had practical experience in the profession of architecture.

The chairman observed that at the first reading of this proposal last May, the council raised a number of points: Which schools specifically offered a second professional degree? What kind of application pressure exists? What has been the enrollment in these programs over the last decade? How many Notre Dame undergraduates have taken a second professional degree? What specific courses are required in the program? What specific electives are to be recommended from departments other than architecture?

It was noted that data toward the answer to these several questions was provided by the department.

The chairman then opened the floor for discussion. It revolved around the following issues:

Enrollment: There is little information on enrollment trends on a national basis, but many schools have gone from 5-year to 4-and-2-year programs and there appears to be greater

demand for second professional degree programs; the new program will be open to recent graduates and experienced architects and offer them the opportunity for advanced education and also the opportunity to evaluate their professional goals; architects do go back to school for an advanced degree and good stipends will help us compete with other schools for good applicants; only 5% of our graduates have earned a second professional degree; we aim at a small program (16 students according to the petition; 10 to 12 students according to some council members); nine out of twelve schools listed in the Petition (Harvard, Yale, Berkeley, UCLA, Columbia, Rice, Washington University, Pennsylvania, and Illinois at Chicago Circle are located in urban areas; the other three schools approaching the Notre Dame model (Princeton, Cornell and Illinois at Urbana-Champaign) appear to have drawn their students almost exclusively from the pool of recent graduates; the average ratio of applications to acceptances is about 4.3 to 1 in the twelve schools, but it is 9 to 1 at Princeton and Cornell; we will not encourage our graduates to continue their second degree program at Notre Dame, but we will not put a limit on this either.

Resources: The proposed budget represents the minimum required to operate a quality program; if the program is approved, new money will be needed and it would not be advisable to draw funds from existing programs to support the new program; the Dean of the College of Engineering referred to a letter to the Graduate School dated April 24, 1980 stating that "no monies were available in the College for (the) initiation (of this program)"; the possibility that no new funds will be available should be entertained; approval of the new program should not jeopardize the chance of an increase in the number of GA slots to be made available to students in the Graduate School each year; the budget does not include transportation costs for students in the Rome program since it is assumed that these costs should normally be covered in the tuition as it is the case of other foreign programs in the University; physical space for the new program is available and funds for renovation are included in the proposed budget; the existing faculty in Rome can take on a small number of graduate students and the new faculty as projected in the petition will be used for undergraduate teaching, relieving older faculty to teach in the graduate program.

Program: Six courses are to be offered in the department, three of which will be required and three electives; two of the three required courses are Advanced Architectural Design courses of 6-credits each; a written thesis or studio thesis; the emphasis will be on the studio and tutorial experience; besides courses in the department, a list of electives offered in other departments and programs in the University was compiled; the two-track program (research and non-research) will be an unusual feature and an asset; accreditation will not be sought for the new program as flexibility for development will be preferable; graduate students will be used in creative activities and studio work rather than teaching which should be done by faculty; the experience at Harvard seems to indicate that there will not be any problem in having a mixed group of students with different levels of professional experience in the same class, as long as we have good students; there has been a moratorium on admission to the Environic Design program, but students currently enrolled in this program will be carried through their graduation.

Following this discussion, a motion by voice vote to recommend the new program for approval was carried.

#### V. CHAIRMAN'S REMARKS

The chairman announced that graduate assistant stipend would be increased from \$3800 to \$4200 in 1981-82. He reported his discussion of the national survey of research-doctorate programs with the co-chairman of this survey at the last annual conference of the Council of Graduate Schools in the U.S.

The meeting was adjourned at 5:00 p.m.

Chau T. M. Le, Secretary

## faculty senate journal december 8, 1980

At 7:30 p.m. the chairman, Prof. Robert Vacca called the meeting to order in Room 202 of the Center for Continuing Education. Prof. William Burke offered the prayer.

Prof. Rufus Rauch expressed a feeling that the Journal for Nov. 10, 1980 did not adequately reflect the meeting of the Academic and Faculty Affairs Committee of the

Board of Trustees. The Committee had spent several hours discussing topics acted upon by the Faculty Senate and important to the faculty at large. Prof. Vincent DeSantis said that the setbacks of the senate proposal on emeriti benefits should have been explicitly stated. DeSantis moved that the minutes not be approved until the report was expanded. Rauch seconded the motion. Additional discussion variously suggested that: the Faculty Senate Journal was an inappropriate place for the minutes of another body's meeting; that the senate must be concerned with the continuity of its proposals to other bodies; that this Journal may be the only conveyance to all of the faculty; and that it appeared as if a dramatic suggestion on library funding had been lost between the Committee meeting and the Board meeting the next day. Prof. Mario Borelli suggested that the motion be changed to mandate the chairman to expand the report of the meeting to his satisfaction. Vacca suggested that the expanded report be an appendix to the Journal. DeSantis and Rauch accepted this change, and the motion was adopted. The Journal for Nov. 10, 1980 was then approved.

In the chairman's report, Vacca announced that the January meeting of the senate with the provost was rescheduled from the 21st to the 22nd due to a basketball game. Vacca noted that comprehensive tests of the levels of asbestos in the air of the library had been completed and the air found to be relatively safe.

Vacca also reported that the Budget Priorities Committee had met several times in their study of optimizing fringe benefits. The joint B.P.C.-Faculty Senate questionnaire to the teaching and research faculty on tuition aid is ready to be sent out, but will be held until the beginning of the next semester. The parallel questionnaire from the senate to the non-teaching and research faculty will be sent out at the same time. Prof. Vaughn McKim has assembled a summary of faculty compensation. B.P.C. will consult with other experts on the balance among fringe benefits; the current appearance is that Notre Dame, relative to peer schools, is somewhat lower in retirement benefits, higher in health benefits and tuition benefits. Feedback to the B.P.C. may be most useful next spring when more data is ready.

Prof. Dino Cervigni expressed concern that the results of this study would not be available in time to affect next year's budget and then would be regarded as "outdated," and that the average of compensation over the university was too broad in that it hid differences between departments. In the ensuing discussion it was pointed out that over the years many attempts had been made to obtain such statistics by department or college but none had succeeded and that differing demand in the marketplace forced some salary differences without regard for social justice. Vacca then suggested that further discussion on this matter be deferred until McKim's report had been formally presented.

Prof. William Burke reporting for the Committee on Student Affairs said that the Teacher/Course Evaluation group was to meet the following day. In meetings of the committee with admissions officials, concern had been expressed as to what the faculty could do. The problems seen by admissions was minority student recruitment in two areas: first, some do not seriously consider Notre Dame; second, the best receive attractive offers from many universities. Volunteers to help in the time consuming admissions process would, however, be welcomed. DeSantis emphasized that the T.C.E. committee should seriously consider the option of dropping the T.C.E. evaluation rather than revising the form.

McKim, reporting for the Committee on Faculty Affairs, described the development of the faculty compensation report that had been distributed before the meeting. The document grew from the usual comparison of compensation at Notre Dame with peer and similar universities. This report analyzes the effect on average compensation of the lower than usual fraction of the faculty at the higher paid rank of full professor and its effect upon the stated goal of the administration to achieve an AAUP rank 1 rating. The report also comments upon the cost of achieving a rank 1 rating and the sources of funds that are and can be used for increased compensation. A retrospective comparison is also given of the declining purchasing power of the average faculty salary over the past decade.

McKim suggested that with careful development and positive suggestions this could become a valuable contribution by the senate to the provost's new study on university priorities. Vacca indicated that the senate should issue a document based on this report which can be widely distributed.

The initial discussion centered on the distribution of full professors. One suggestion for the reason, was the changing of the criteria 8 to 10 years ago to require worldwide recognition. The distribution is a cumulative effect of many years, however, and the average age of the Notre Dame faculty, about 42½ years, is similar to the ages of other faculties. Again the question of differences within each rank was discussed, especially differences between colleges and departments, indicating intense interest and concern. McKim suggested that any way the statistics are compiled, Notre Dame looks low, thus a more useful question

would be how to increase the budget total for compensation rather than how evenly it is divided. Several suggestions were made for the study of the proportion of the budget spent on the faculty, the level of tuition, the use being made of gifts and what is becoming of funds "freed" by endowed chairs.

The meeting was recessed at 9:00 p.m. and reconvened at 9:10 p.m.

As old business Prof. Philip Devenish withdrew his motion on grade changes in favor of wording drafted and circulated by Prof. Michael Francis. Francis moved that the senate recommend to the Academic Council that the second sentence of section 17.2 of the Academic Code be replaced by:

Except under the most extraordinary circumstances, no one but the instructor in charge of a course can give a grade in that course or change a grade given. If, due to extraordinary circumstances, a grade is changed by a dean or a chairman, the instructor giving the original grade, the provost, and the dean or chairman must be notified in writing.

The motion was seconded by McKim. Suggestions were made that approval of the chairman, dean and provost be required, that extraordinary circumstances be defined and that more than notification was required. Several specific examples of grade changes were discussed in which the instructor was not informed or did not concur in the grade change. A question was raised if chairman and dean could be from the student's department rather than the instructor's department. Prof. Arvind Varma suggested that if the reasons for a grade change were good they should be put in writing to the instructor. Some changes in wording were suggested and, as a friendly amendment, the motion was changed to:

No one but the instructor in charge of a course can give a grade in that course or change a grade given except under extraordinary circumstances. In extraordinary circumstances a grade may be changed by the dean with the approval, in writing, of the chairman and the provost. The instructor giving the grade must be notified, in writing, of the change and the reasons for it.

Prof. Mario Borelli moved to amend the motion by deleting the requirement for giving reasons and Prof. William Tageson seconded. Discussion of the amendment suggested that the instructor will know why without its being written, covered current rules for the instructor changing the grade and likely reaction by the Academic Council and administration. In voting, the amendment failed, the motion passed without dissent.

The meeting was adjourned at 9:50 p.m.

Those absent but not excused: Gail T. Bulmer, AFROTC; Charles Crutchfield, law; Walter J. Gajda, electrical engineering; Robert G. Hayes, chemistry; John J. Kennedy, marketing; Eugene R. Marshalek, physics; Barbara McGowan, American studies; Thomas Merluzzi, psychology; Alven M. Neiman, CORE; Edward R. Trubac, finance and business economics; Norman Crowe, architecture.

Respectfully submitted,  
W. Phillip Helman  
Secretary

## appendix to faculty senate journal november 10, 1980

Extension of chairman's report to the Senate on the Oct. 16, 1980 meeting of the Academic and Faculty Affairs Committee of the Board of Trustees (AFACBT).

The senate has asked that a fuller account of the AFACBT meeting than appears in the Journal of Nov. 10, 1980 be added to the record. What follows is an account of that meeting as it bore on senate interests, not minutes of the meeting.

The first agenda item was discussion of improved retirement benefits for emeriti, their spouses, and widows. The provost presented to the committee policy changes approved by the Officers of the University (reported in Notre Dame Report, #3, 1980-81, p. 76). These changes came about in response to the senate proposal of March, 1980, on emeriti benefits; the differ-

ences between the senate and administration versions were such that the senate, at the meeting of Oct. 15, voted to characterize the administration version as unacceptable.

The senate proposal contemplated two kinds of improvements: for the needy, an increase in the guaranteed minimum income from the 1975 figure of \$7,000 for a couple to \$10,000 (with only TIAA/CREF and Social Security to be taken into account in determining level of income), a figure of \$8,000 for a single retiree, and an extension of the \$8,000 minimum to the widows of retirees; for all retirees: that the university absorb the cost of Blue Cross-Blue Shield supplement to medicare and 100% of the cost of a \$2,000 life insurance policy. (The university at present pays 25% of the life insurance premium and none of the BC-BS.)

The administration's version offers: for the needy, an increase in the guaranteed minimum income to \$10,500 for a couple and \$8,250 for a single person (with all income, but not property, to be taken into account in determining level of income). These totals include the BC-BS cost of \$250/person. The administration's statement says, "The University will also review the circumstances of widows or widowers of retirees as a matter of course." For all retirees: no change in medical or life insurance.

It is clear that the senate and administration versions are in essential agreement so far as benefits for the needy are concerned. And discussion at the AFACBT meeting resolved certain ambiguities in this sector that had prompted the senate to call the administration's version unacceptable. The senate had been especially concerned about an apparent evasiveness regarding the status of widows; it became clear, however, that the university would take the initiative in contacting widows and explaining the benefits to them, and that there was no intention of denying widows the \$8,250 minimum. Furthermore, as Dr. Carney, chairman of the AFACBT observed, once this benefit has been tendered it cannot be withdrawn. The university does, however, wish to accumulate more precise cost data during the next year before making a more formal policy statement regarding widows or widowers. In addition the discussion resolved favorably the senate fears that some kind of mean test was contemplated for the need (it is not) and that this policy would not be regularly reviewed (there will be a biennial review).

It is also clear that the senate proposal was not successful in the matter of increasing university contributions to insurance costs for all emeriti. University representatives did point out that BC-BS may be purchased by the retired, henceforth, at a lower group rate than heretofore, and that by including this cost in the minimum income figure the university has guaranteed its affordability for all. The question of the life insurance premium was remanded to the Budget Priorities Committee for a second look when the possibility arose that insurance for the retired might be had at the group rate (\$12.24/year/thousand) instead of the over-65 rate (\$43.80/year/thousand). (It should be added, however, that the BPC subsequently learned that Notre Dame's contract with the carrier will not permit it.)

From the senate's point of view, therefore, the whole matter of enhanced insurance benefits for the retired must be reclassified as a future agendum. It appears that because of the competition for funds of many legitimate causes, it is not enough for the senate to argue that fairness calls for the retired to enjoy the same benefits as the active faculty. What is needed is a more specific set of reasons why this goal is particularly compelling here and now.

The second agendum was discussion of the new procedure for appeal of decisions on promotion, tenure or reappointment. The provost outlined the principal features of the procedure approved by the Academic Council at its September meeting. (The text of the procedure may be found in NDR, #3, 1980-81, p. 92.) This procedure differs in almost all respects from the senate's (the senate version is in NDR, #3, 1980-81, pp. 96-99), and an enumeration of the differences would be unnecessarily laborious.

The points advanced on behalf of the senate were essentially the same as those the senators themselves had raised at the meeting the previous evening. Specifically, there is no clear statement of the reviewer's mandate, powers and procedures, a situation which may inhibit the reviewer's effectiveness; there is the evidence of informal polling to the effect that few would take on the reviewer's job, which is perceived as demanding and a no-win task; the failure to report in detail back to the aggrieved preserves the miasma of secrecy that besets us; there is no clear statement of how the quality of this procedure will be assessed after its experimental year. The senate's resolution of the previous evening, that a joint administration-faculty committee (including the senate) study the operation of this procedure and that the senate itself poll faculty opinion in due course, was presented to the committee.

During the course of discussion, Prof. Nicholas Fiore observed that on the basis of his experience with Committee A of the AAUP there would not in fact be grave difficulties in

finding qualified persons to serve as reviewers, nor was a single reviewer in all cases an inferior arrangement to have. He, and others present, did agree that the review of the procedure was very important but ill-defined. The provost did not outline any precise method for assessing the procedure, but it was agreed that he would report back to the AFACBT in one year on the success or lack of it of this appeals mechanism.

The third agendum was a consideration of the state of the university libraries. As there is no specific senate action pending in this matter, summary may be brief. Dr. Robert Miller, Director of University Libraries, prepared and distributed to the administration in January, 1980, a Five Year Development Program outlining library needs and their costs. This document provided a basis for discussion.

The purpose of the discussion was to learn if all members of the committee could agree, first, that the priorities enumerated in the report were the correct priorities; second, that the costs were of the correct order of magnitude given the university's academic aspirations (without consideration of the university's ability to meet these costs); finally, whether everything possible was in fact being done to improve library funding.

The ensuing discussion--which concentrated on acquisitions and touched on library automation--did seem to reflect consensus agreement on the first two headings. Differences of opinion then emerged on how library development compared with other university priorities. Some felt that without immediate and drastic improvement for the libraries, the university was on "a crash course to mediocrity"; others argued that if inflation could be held at bay we could live with the problem for the time being. The provost characterized the five year plan as an excellent set of goals, but said that with current resources we could not do much more than not lose ground to our peer universities.

With some vehemence the idea was put forward that the library should immediately have the benefit of \$10 million of endowment funds. That amount was targeted in the original CND; and while it is true that that amount has not been secured, the CND itself is oversubscribed, so that it should be possible to make up the difference. Discussion of this point led to consideration of various ways that capital could be restructured for library purposes. Dr. Carney, stressing his conviction of the urgency of the matter and the need for an extraordinary solution, promised to make a presentation to the whole Board of Trustees.

The two remaining agenda, the structure of the faculty fringe package and university plans to make early retirement attractive, while bearing on senate interests, were not discussed at length. Prof. Herbert Sim, reporting for the faculty subcommittee of the budget priorities committee, stated that research into these questions was just getting underway.

# advanced studies

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## information circulars

### State of Indiana Department of Public Instruction Adult Basic Education and Workshops

No. FY81-447

#### Program:

The Division of Adult and Community Education, State of Indiana, will make available during 1981 \$240,000 for adult basic education and for special demonstration and teacher training projects which will benefit adult basic education, as well as programs of instruction. The program is aimed at adults who have less than a high school education and who need basic education skills.

#### Application Deadlines:

Pre-application: April 1, 1981.

Proposal: May 1, 1981.

#### Deadlines for the Adult Basic Education Special Demonstration and Teacher Training Projects are:

Pre-application: March 1, 1981.

Proposal: April 6, 1981.

#### Guidelines and Applications:

##### Contact the Following:

Indiana Department of Public Instruction  
Division of Adult and Community Education  
Room 229, State House  
Indianapolis, Ind. 46204

### Department of Energy Support of Advanced Coal Research at Colleges and Universities

No. FY81-448

#### Program:

The Office of Fossil Energy in the Department of Energy is interested in research proposals from colleges and universities for research on advanced concepts related to coal conversion and utilization. The purpose of this overall effort is to improve scientific and technical understanding of the fundamental processes involved in the conversion and utilization of coal, to furnish technical support for ongoing and developing coal conversion processes as to produce clean fuels in an environmentally acceptable manner and to explore new approaches to coal conversion and utilization.

To be considered for funding in this fiscal year (ending Sept. 30, 1981), proposals submitted in response to this notice of program interest (No. FE-NPI-81-002), must be received no later than March 12, 1981.

#### Proposals should be submitted to:

U.S. Department of Energy  
Pittsburgh Energy Technology Center  
Attention: John C. Winslow  
P.O. Box 10940  
Pittsburgh, Penn. 15236

#### Questions related to this NPI should be directed to:

U.S. Department of Energy  
Office of Fossil Energy  
Office of Advanced Research and Technology  
Attention: Robert M. Wellek  
Washington, D.C. 20545  
(301) 353-2784

**The Center for Dewey Studies  
Research Fellowships—Philosophy of John  
Dewey**

No. FY81-449

Program:

The Center for Dewey Studies has announced a program of fellowships for research that seeks to illuminate and critically assess aspects of the philosophy of John Dewey. Awards are available to senior scholars in various disciplines.

Stipend:

From \$10,000 to \$20,000. Funds may cover salary, benefits, travel, secretarial or research support or materials.

Deadline:

The deadline for the 1982-1983 academic year is Oct. 1, 1981.

Application Forms:

Contact the following:

The Center for Dewey Studies  
Southern Illinois University  
Carbondale, Ill. 61901

**United Nations  
Graduate Student Intern Program**

No. FY81-450

Program:

The United Nations Department of Public Information will conduct a graduate student intern program at UN Headquarters for four weeks during the summer of 1981 and a Graduate Study Program in Geneva. The Geneva program will focus on the role of the UN in the world today. In New York the students will be assigned to work individually with staff members in various departments according to their fields of study.

Application:

By nomination only. Candidates should apply in writing to the graduate school. Applications are available from the Office of Advanced Studies, Division of Research and Sponsored Programs.

Deadline:

New York Program - March 5, 1981.  
Geneva Program - April 15, 1981.

**Advisory Commission on Intergovernmental  
Relations  
Fellowships in Intergovernmental Relations**

No. FY81-451

Program:

Three fellowships of \$17,000 each will be offered to enable qualified individuals to work for a year on the staff of the commission. Applicants must have at least a baccalaureate degree and preferably an advanced degree or work experience in their chosen field. Special preference will be given to applicants whose backgrounds and interests indicate they can make a contribution to the commission's current work.

Deadline:

March 20, 1981.

For Further Information, Contact:

Advisory Commission on  
Intergovernmental Relations  
Esther Fried, Personnel Officer  
ACIR Fellowship Program  
111 - 20th St., N.W.  
Washington, D.C. 20575

(From 1981 ARIS)

**Department of Justice  
Graduate Research Fellowship Program**

No. FY81-452

Program:

Fellowship of \$11,000, which provide a stipend for the student, allowance for dependents, major project costs and certain university fees, to doctoral candidates who have completed all degree requirements except for the research, writing and defense of a dissertation in the area of criminal justice prior to awarding of the grant.

Deadline:

March 2, 1981.

For Further Information, Contact:

Department of Justice  
National Institute of Justice  
Graduate Research Fellowship Program  
Box 6000  
Rockville, Md. 20850  
(301) 492-9104

(From 1981 ARIS)

## National Endowment for the Humanities Seminars for Law and Medical School Teachers

No. FY81-453

Program:

A program of summer seminars of four to six weeks offers professional school teachers the opportunity to work with distinguished scholars with the goal of sharpening their understanding of the humanistic foundations of their fields and improving their ability to convey these to their students and other scholars. The program consists of two types of seminars:

- Law Teacher Seminars: three seminars are available for full-time teachers who hold full or joint appointments at law schools.
- Medical and Health-care Teacher Seminars: Five seminars are intended for full-time clinical and basic science teachers and academic administrators at American health service centers and in programs such as schools of medicine, nursing, allied health, pharmacy, dentistry and osteopathy.

Deadline:

March 2, 1981.

For Further Information, Contact:

National Endowment for the Humanities  
806 15th Street  
Washington, D.C. 20506  
Division of Fellowships and Seminars  
James Blessing, Director  
(202) 724-0238

(From 1981 ARIS)

## American Council of Learned Societies Travel Grants for Humanists

No. FY81-454

Program:

Travel grants to scholars in the humanities to participate in international scholarly congresses and research conferences held outside the U.S., Canada and Mexico. Only scholars who are able to read papers or have a major, official role in the conference are eligible. Funds will be granted in the form of reimbursement for documented travel expenses. This deadline applies to conferences to be held from July through October.

Deadline:

March 1, 1981.

For Further Information, Contact:

American Council of Learned Societies  
Travel Grant Program  
345 East 46th Street  
New York, N.Y. 10017  
(212) 986-7393

(From 1981 ARIS)

## The American Institute of Architects AIA Research Communications Fellowship

No. FY81-455

Program:

\$3,000 for one year of study and research to further communications between the research community and the practicing architect.

Deadline:

March 15, 1981.

For Further Information, Contact:

The American Institute of Architects  
Raymond E. Charity, Jr.  
Director, Education Programs  
1735 New York Avenue, N.W.  
Washington, D.C. 20006  
(202) 626-7349

(From 1981 ARIS)

## American Institute of Indian Studies Advanced Language Training in India

No. FY81-456

Program:

Competitive grants covering air transportation and living expenses for nine months of study in India. The program, administered by the Institute staff, will consist of formal language studies (Bengali, Hindi, Marathi, Tamil or Urdu) in India universities supplemented by the institute language staff. Applicants must have a minimum of two years instruction in one of the languages mentioned.

Deadline:

March 1, 1981.

For Further Information, Contact:

American Institute of Indian Studies  
1130 E. 59th St.  
Chicago, Ill. 60637  
(312) 753-4350

(From 1981 ARIS)

## The Newberry Library Short-term Resident Fellowships for Individual Research

No. FY81-457

Program:

\$600 per month for up to three months in-residency research utilizing the library's collection in the humanities, awarded to Ph.D.s or those working on doctoral dissertation and living outside the Chicago area.

Deadline:

March 1, 1981.

For Further Information, Contact:

The Newberry Library  
Richard Brown, Director of Research  
and Education  
Committee on Awards  
60 West Walton Street  
Chicago, Ill. 60610

(From 1981 ARIS)

**The Newberry Library  
Resident Fellowships for Research in Special  
Newberry Programs**

No. FY81-458

Program:

The Hermon Sunlap Smith Center for the history of cartography offers fellowships for research in history of cartography of \$600 per month, for periods not exceeding three months.

Deadline:

None.

For Further Information, Contact:

The Newberry Library  
Richard Brown, Director of Research  
and Education  
Committee on Awards  
60 West Walton St.  
Chicago, Ill. 60610

(From 1981 ARIS)

## current publications and other scholarly works

### Erratum

In Notre Dame Report No. 8, 1980-81, p. 275, the award under Dr. Morton S. Fuchs and Dr. Suk-Hee Kang should have been listed as: Biology, Fuchs, Kang, Reproductive physiology of *Aedes* mosquitoes, Natl. Inst. Health, \$184,784, 12 months.

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C.M. Rosenberg. 1980. The use of celebrations in public and semi-public affairs in Fifteenth Century Ferrara. Pages 521-535 in, Maristella de Panizza Lorch, ed. *II Teatro Italiano del Rinascimento*. Milan.

##### Economics

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K.S. Kim. 1981. Wontack Hong: Trade, distortions and employment growth in Korea - Korea Development Institute. Journal of Economic Literature 19(1):106-108.

##### Government and International Studies

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##### History

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##### Chemistry

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## closing dates for selected sponsored programs

Proposals must be submitted to the Office of Research and Sponsored Programs seven calendar days prior to the deadline dates listed below.

Agency	Programs	Application Closing Dates
American Philosophical Society	Basic Research Grants	April 10, 1981
Committee on Research in Economic History	Research Grants	April 1, 1981
The Council for European Studies	Research Planning Group (RPG) Awards	April 1, 1981

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