

# notre dame report

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# the university

## foreign program begun in china

Final plans are being completed for a ninth overseas study program sponsored by the University. The newest program will be a summer course at the Tianjin Foreign Language Institute in China where students will spend six weeks studying the Chinese language and culture. Two weeks will be set aside for travel in the country before they return home.

Notre Dame currently sponsors academic year programs in Angers, France; Innsbruck, Austria; Tokyo, Mexico City, Rome and programs for arts and letters, law and business administration majors in London.

An English professor at the Tianjin school, Zhang Bin Jiang, is teaching a beginning Chinese course at Notre Dame this semester to prepare students for the summer program. Prof. Peter Moody of Notre Dame's Department of Government and International Studies will be the on-site director of the program.

Estimated cost of the program will be \$2,600, including airfare, and students will be able to receive six to nine credit hours for work at the institute. Proficiency in the Chinese language is not a requirement for enrolling.

## ford research grant for physics

The University's Department of Physics has received a \$5,000 research grant from the Ford Motor Company. The award is being used during the current academic year and is renewable for another two years. According to Dr. John D. Dow, Freimann Professor of Physics, the grant will go toward the development of a graduate research program in solid-state physics.

## grant-seeking seminars offered

The Center for the Study of Man in Contemporary Society is planning to hold the following faculty seminars on grants and fellowships over the next several weeks:

Thursday, March 8, 4-5 p.m. (Library Lounge)  
"Proposal Preparation for Humanities Faculty": preliminary planning and research; proposal writing -- essential features, organization, budget; the review board.

Wednesday, March 14, 4-5 p.m. (Library Lounge)  
"Proposal Preparation for Social Sciences Faculty": (same agenda as above)

Friday, March 30, noon - 1 p.m. (Library Lounge)  
"Introduction to Grant Seeking": when to start the process; major fellowships, granting agencies; key sources of grant information; procedures at Notre Dame; outline for a proposal; keeping informed, staying in touch.

If you wish to attend, please contact Nancy O'Neal (x7213) at least two days prior to the date of the seminar.

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# faculty notes

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## honors

Gilbert Loescher, assistant professor of government and international studies, (with Ann Dull Loescher) have had their book, The World's Refugees, named to the International Youth Library's 1983 Choice List. Their book, along with four others, was displayed at the International Youth Library's 34th International Children's and Youth Book Exhibition in the Bavarian Staatsbibliothek from Nov. 17 through Dec. 17, 1983. The International Youth Library is an associated project of UNESCO.

James L. Melsa, professor and chairman of electrical engineering, was elected vice-president for member activities of the IEEE Control Systems Society for 1984.

Alvin Plantinga, John A. O'Brien professor of philosophy, was elected president of the Society for Christian Philosophers for a three-year term (July 1983-86).

James I. Taylor, associate dean and professor of civil engineering, has been appointed to a three-year term as a member of the Group 3 Council of the Transportation Research Board, National Academy of Sciences. This council coordinates and controls the 55 technical committees in Group 3 -- Operation and Maintenance of Transportation Facilities.

Peter Walshe, professor of government and international studies, has had his recent book, Church Versus State in South Africa, selected by the International Bulletin of Missionary Research as one of "Fifteen Outstanding Books of 1983 for Mission Studies."

Pit-Mann Wong, associate professor of mathematics, has been selected as an Alfred P. Sloan Research Fellow. He is the fifth Sloan Fellow in Notre Dame's math department. Wong is one of about 20 mathematicians who receive the basic research fellowships each year. Recipients are selected for their potential to make creative contributions to their field of scientific study, and receive \$25,000 to support their research over a two-year period.

## activities

Eileen T. Bender, assistant professor of English, gave an invited lecture, "The Politics of Absence: Joyce Carol Oates' The Assassins," at the Twelfth Annual Twentieth-Century Literature Conference, "Politics of Literature", University of Louisville, Ken., Feb. 24.

Rev. David Burrell, C.S.C., professor of philosophy and theology, lectured on "God's Eternity" for the St. Michael's Institute annual lecture at Gonzaga University, Spokane, Wash., Feb. 17.

Alexander J. Hahn, associate professor of mathematics, gave a lecture entitled "Hermitian Morita Theory and Applications" to the Algebra Seminar of the Mathematics Department of Pennsylvania State University, University Park, Jan. 24.

Richard Kwor, associate professor of electrical engineering, presented a paper entitled "A Radio-frequency Deicing System for Third Rails", at the 63rd Transportation Research Board Annual Meeting in Washington, D.C., Jan. 16-20.

Scott Mainwaring, assistant faculty fellow in the Kellogg Institute, gave the following talks: "The Catholic Church, Authoritarianism and Democracy: Brazil and Argentina," Latin American Studies Association, Mexico City, Sept. 29; "The Catholic Church and Democracy in Brazil," Queens College, Charlotte, N.C., Oct. 12, University of Michigan, Ann Arbor, Jan. 26; "The Catholic Church, Popular Organizations and Politics in Brazil," University of Michigan, Ann Arbor, Jan. 26; "What's Happening in Central America?" at the Zion United Church of Christ, South Bend, Ind., Jan. 22, Jan. 29, and Feb. 5.

John R. Malone, professor of marketing, gave a presentation on "Trends in the Local Housing Market" at a meeting of the Michiana Chapter of the National Association of Business Economists, University of Notre Dame, Jan. 31.

Rev. Richard P. McBrien, Crowley-O'Brien-Walter professor and chairman of theology, presented three lectures, "Catholic Ecclesiology: Post-Vatican II Developments," "Magisterium" and "The Mission and Ministries of the Church," for an institute held at St. Patrick's Seminary, Menlo Park, Calif., Feb. 24-25.

Mark McDaniel, assistant professor of psychology, delivered a lecture, "The Mnemonic Effects of Bizarre Imagery: The Importance of Distinctiveness," at the Psychonomic Society Annual Meeting, San Diego, Calif., Nov. 17.

Rev. Ernan McMullin, professor of philosophy, lectured on "Cosmology and Theology" at St. John's College, Collegeville, Minn., Feb. 10.

Thomas J. Mueller, professor of aerospace and mechanical engineering, attended the Seventh Annual ASME Energy Sources Technology Conference

held in New Orleans, La., Feb. 12-15, where he was a chairman of a "Forum on Separated Flows."

Alvin Plantinga, John A. O'Brien professor of philosophy, gave two lectures, "Is It Rational to Believe in God" and "On Ockham's Way Out: Divine Foreknowledge and Human Freedom," at the University of Miami, Coral Gables, Fla., Feb. 2-3. He commented by proxy on a paper by William Vallicella at the Eastern Division meetings of the American Philosophical Association, Boston, Mass., Dec. 27-30.

Karamjit S. Rai, professor of biology, presented a contributed paper (coauthored with Dr. Vas Dev) entitled "Crossing Relationships Among Certain Species of the *Aedes (Stegomyia) scutellaris* Group" at the XV International Congress of Genetics held in New Delhi, India, Dec. 12-21. Another paper entitled "Hybrid Breakdown and Chromosomal Abnormalities in Two Species of *Aedes* Mosquitoes" (coauthored by Rai) was presented by Dr. Motara at the same Congress.

Lynn Thiesmeyer, assistant professor of English, presented a paper, "Auden's Political Rhetoric and the New Drama," at the Twentieth-Century Literature Conference, University of Louisville, Ken., Feb. 23.

# documen- tation

## university libraries minutes january 16, 1984

Present: Harvey Bender, James L. Cullather, Maura Daly, Lloyd Ketchum, Robert Miller.

The meeting was opened by the chairman, Harvey Bender, at 4:05.

The minutes of the meeting for Dec. 12 were approved for publication.

Miller presented a brief overview of the forthcoming meeting of the Center for Research Libraries and the policy issues confronting that organization. He also presented an update on negotiations for an integrated automated system for the University Libraries. He reported to the committee on recent discussions with the Dean of the Law School regarding closer relations between the Law Library and the University Library, particularly in the area of automation. The current automation plan will be revised to incorporate full participation by the Law Library. The various committee members welcomed the prospect of closer cooperation in this area, and also in Collection Services.

In response to the inquiry of a possible fire drill, Miller indicated that plans were afoot to hold one sometime during the spring semester. Concerns were raised by the committee about security of materials left in the Library during an evacuation. It was suggested that the campus police be asked to monitor the first and second floor during such an evacuation. Miller indicated that this would be looked at closely as members of the Library Staff share the committee's concerns.

The agenda for the next meeting of the Faculty Committee, set for Feb. 13, includes an update on overall developments in the automation project and on space planning, a report on the most recent faculty renewal project, and some initial discussions of possible modification to the Libraries' budget structure.

Prior to closing, the chair wished a speedy recovery and return of the secretary. The meeting adjourned at 4:55.

## library hours/midsemester vacation

<u>Date</u>	<u>Building</u>	<u>Memorial Library</u>	<u>Science and</u>
		<u>Public Services</u>	<u>Engineering Libraries</u>
Fri., March 16	8 a.m.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Sat., March 17	9 a.m.-10 p.m.	9 a.m.- 5 p.m.*	Closed
Sun., March 18	1 p.m.-10 p.m.	Closed	Closed
Mon., March 19 through	8 a.m.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Fri., March 23	8 a.m.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Sat., March 24	9 a.m.-10 p.m.	9 a.m.- 5 p.m.*	Closed
Sun., March 25	Return to regular schedule		

\* The following public service areas will be closed: Audio Learning Center, International Documentation Center, Medieval Institute Library, Microtext Reading Room, Rare Book Room and Reserve Book Room.

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# faculty senate journal

## december 14, 1983

Prof. Mario Borelli called the Faculty Senate meeting to order at 7:35 p.m. in room 202 of the Center for Continuing Education. Prof. Michael Crowe offered the opening prayer. The minutes for the Oct. 4 and Nov. 21 meetings were approved.

Borelli turned the floor over to Prof. Donald Barrett who distributed a summary of the Sept. 29 Faculty Forum to all senators present. He gave the results of the survey of Notre Dame's peer institutions' medical benefit plans. Most of them have more than one plan which they offer to their faculty. These plans often include HMO's. Barrett reported that the universities which do have Blue Cross/Blue Shield found that BC/BS lowered their bids when they were in a multiple plan situation. Barrett then proposed that the Personnel Office hire one full-time person just to handle and monitor health insurance claims as it would save the University money, and that the senate ask for bids on multiple plans which fairly share costs between the University and the faculty and staff. For an example, Barrett said that MIT's plan had the faculty paying 50% and the staff paying 20%.

Borelli continued the discussion of health insurance benefits asking the senators to refer to his Dec. 7 memorandum on the luncheon meeting between Barrett, G. Thomas Bull, and Prof. Herbert Sim. This memo included the following agreed upon points:

1. Senate will transmit to the Personnel Office and the Chair of the sub-subcommittee of the Budget Priority Committee by Dec. 20 a list of fewer than 20 health insurance carriers, health organizations and/or health insurance providers which it wishes to be contacted for bids.
2. If the consulting firm retained by the Personnel Office objects to any company or organization on the list, the reason for objection will be transmitted in confidentiality to the Executive Committee of the senate.
3. All bids and other materials submitted from the companies or organizations contacted, including those suggested by the senate, but not excluding others, will be transmitted to the Executive Committee. The Executive Committee pledges not to reveal names or which bids come from which companies when bringing these data to the senate for discussion and evaluation.
4. Bull will discuss with the consulting firm the feasibility of asking for bids on both the present amount of coverage as well as the old 100%. He will contact Borelli as soon as possible on this matter.
5. Bull has agreed to return to the Executive Committee all bids and materials by Feb. 29, 1984, barring unforeseen circumstances.
6. Moral dimensions of the plans and bids will be taken into consideration in their evaluation.
7. The sub-subcommittee will continue to investigate alternative plan designs in order to guide future efforts to maintain and better the provision of health benefits to faculty, administration and staff.

Borelli then quoted from a letter he had received from Bull dated Dec. 14, 1983, in which Bull does not agree to all of the above points:

To address your specific suggestions, at this point I plan to put out our specifications to include a quote on the Plan as it was configured prior to September, 1983. On the point of the number of bids sought, may I reiterate our concern that more than six or eight bids would be redundant and would subject the University to the appearance that it is not knowledgeable of how one seeks bids in the group insurance market. As for the timing, I do not see any problem right now with having a bid review completed by March 1.

And: "Any formal sharing of material with the senate will have to be at the discretion of the sub-subcommittee in such a manner as that committee may decide."

Upon reading Bull's letter, feeling he may have misunderstood, Borelli said he immediately contacted Barrett and Sim who agreed with the points in his memo. Sim has further agreed to send Borelli a letter, with a copy to Bull, stating that the sub-subcommittee will share all data with the Executive Committee. Borelli then stated that he felt the senate should ignore Bull's letter and submit our list as we had proposed. Borelli summed up his feelings about the matter with: "At least he (Bull) no longer refers to us as employees."

Prof. Leo Despres complimented Borelli on his persistence and courage. He also questioned the existence of any actuarial data here at Notre Dame beyond that which the sub-subcommittee had earlier in the year. Borelli said he had not acted upon Despres' motion from the Nov. 21 meeting because the Executive Committee felt that there was a sense of cooperation with the Personnel Office and the sub-subcommittee.

At this point, Prof. John Yoder, Prof. Robert Vacca, and Prof. Irwin Press called for Borelli to act upon the above mentioned motion, and request the actuarial data. Vacca questioned on a point of order if Bull had awarded the present Blue Cross/Blue Shield contract without having the actuarial data to substantiate the increased charges. Several other senators entered the discussion about what actually comprises actuarial data and what is actually available at Notre Dame. After hearing Barrett's definition, Prof. Vincent DeSantis asked him where he had obtained his data. Barrett answered that as a member of the sub-subcommittee he had some actuarial data, and that he felt that because the Personnel Office and the sub-subcommittee did not have much data, Blue Cross/Blue Shield was only supplying them with generic answers as to why the charges went up.

At this point Borelli moved to curtail the discussion saying that he was concerned about the Dec. 20 deadline for submitting names to the Personnel Office. Prof. Philip Gleason asked for clarification of the points of difference between Bull and Borelli. In response, Borelli answered saying that Bull wants everything to go through the sub-subcommittee and not to the Executive Committee. However, as he now has an understanding with Sim to pass all data on to the Executive Committee this point is moot.

Borelli asked for the feeling of the senate on the matter. Prof. W. Phillip Helman suggested that the senate go on record asking for alternative plans from as many firms as we could. Borelli said that the requested copy of master contract finally was delivered, and that he was going to ask Mr. Reddy to point out the more costly items in it. He also suggested that the senate include HMO's with local hospitals on the list along with the various firms he, Barrett, and Reddy had compiled.

Helman asked Borelli to present the list:

- |                        |   |
|------------------------|---|
| 1. local HMO's         | 8. Metropolitan Life  |
| 2. Prudential          | 9. Hartford   |
| 3. Aetna               | 10. Richter-Robb (an Indiana group doing third part administration) |
| 4. Equitable           | 11. Connecticut General   |
| 5. Mutual of Omaha     | 12. Traveler's  |
| 6. Lincoln National    | 13. B.T.L. (a local group covering South Bend municipal employees)  |
| 7. Northwestern Mutual |   |

Borelli said he hoped that the Administration would seek bids on a variety of plans from each firm, remembering that fairness in staff coverage is also an issue.

When questioned by Prof. Joseph Tihen about how plans would be paid for, Borelli said it was up to the University's officers, but the senate could at least suggest what it preferred. Prof. Abraham Goetz questioned the feasibility of HMO's with local hospitals considering that they do not have staff doctors. Borelli replied that it would be up to Bull to contact the hospitals and make arrangements. Barrett said that Kaiser Permanente does offer advisory services as does a federal information clearing house in Washington. Press suggested that the first item on the list be modified to consult local hospitals about HMO's. Prof. Jean Rosenberg proposed that Blue Cross/Blue Shield be asked to submit bids on alternative plans.

At this point Gleason made a motion that the list as amended be submitted to Bull. Vacca seconded this, but suggested that the chair propose wording to clarify that the senate wanted bids on both the previous and present coverage at least from each company. With this, Capt. John Rohrbough called the question. The vote was unanimous.

The next order of business was the decennial review of the Faculty Manual. Borelli said that unfortunately the provost had forgotten to ask him to meet with the Executive Committee of the Academic Council for their discussion of the review. The provost had apologized, and had reported that it had been decided to seek advice from various bodies

next semester. Borelli commented that he would encourage the committee to take a fresh look at the manual when he did meet with them.

Vacca reported on the teacher course evaluations. He has received very little response from the questionnaire he had distributed to the senate earlier this fall. It became apparent that few senators remembered receiving this questionnaire. Another mailing was requested. Vacca urged the senate to respond because it was the senate's request which had established the monitoring committee in the first place.

Discussion of the final exam policy was next on the agenda. Borelli reminded the senate that recommendations on the policy will have to be ready early next semester. Despres suggested that a discussion committee be established. Vacca said that opposition to the policy has come primarily from the College of Arts and Letters. As several senators expressed a variety of opinions on the policy, Vacca suggested that a consensus view be drawn up for the next meeting. Despres proposed Vacca to chair the committee which could include members from other colleges. Vacca, Prof. William Eagan, and Prof. Michael Francis felt that it would be better if someone not already associated with his college's views be chosen. Rohrbough suggested the chair be a professor of graduate students and thus not affected by the final exam policy. Prof. Teresa Phelps became chair by default. Anyone else interested in serving on this committee was to contact her during the break.

After a short break, Borelli introduced Mrs. Terri Kosik, director of the Early Childhood Developmental Center, and Prof. Dennis Snow, a member of the concerned parents group. They described the funding situation which the Center is facing now that Notre Dame is withdrawing its financial support. The Center has a professional staff, serves as a college lab, gives practical experience to students, and also provides quality care and teaching to preschool children. They expressed the concern that if the Center is to survive alternatives would have to be found. Currently, there is a waiting list of 60, which is primarily Notre Dame faculty children. Kosik said she would not like to have to raise tuition. Vacca suggested that the Center be opened up to the community at large, perhaps moving off Saint Mary's campus. Borelli proposed that the Center raise tuition to what the local market would bear.

Prof. Jay Dolan said that several years ago he had written the provost about providing more child care services considering the number of faculty/staff/student families which would benefit. He expressed the opinion that the University was moving backwards. Phelps, who co-chaired the Institute for Pastoral and Social Ministry Conference on Two-Career Families last summer, said a major concern of the conference was the need for more quality and onsite day care. In her opinion, the University is conveying the message of nonsupport which is a negative one for recruiting and retaining faculty, especially women. Sensing that the provost is unaware of the worth of the Early Childhood Center, Borelli proposed that he and Vacca assemble the various arguments in favor of the Center and present them to the provost.

The last order of business was the presentation of the Faculty Senate Report on Faculty Research and Renewal: The Need for a Sabbatical Leave Policy, which had been prepared by the Faculty Senate Subcommittee on Research and Renewal, chaired by Prof. Michael Crowe. In turning the floor over to Crowe, Borelli complimented him on the group's good work.

Crowe opened his remarks with the statement that were the report adopted by the Faculty Senate, the Academic Council, and the Administration, it would make a great difference in our attainment of excellence and productivity with regard to research. By way of background he said that seven of the nine peer universities did respond to the questionnaire, and that all of them have a sabbatical leave policy or better. The definition of sabbatical used in the report is a university-funded leave every seven years. Notre Dame does not have a leave policy. While it was difficult to get data for Notre Dame, Crowe computed that the average leave was granted each 16.17 years at Notre Dame compared to seven for the peers. Also, the peers spend an average of 6.82% of their salary budgets, while Notre Dame expends only 3.09%. Crowe pointed out that the report includes not only statements on behalf of the sabbatical leave policy from faculty members, but also supportive responses from department chairmen.

Crowe stressed that support of the sabbatical leave policy would aid research at Notre Dame, making us competitive with other universities. Also, in talking with faculty at other universities, there is a definite impression that they have sabbatical leave policies. In fact, they are surprised that Notre Dame does not. He felt that perhaps the dollar differences could be made up by teaching fewer courses; at least teaching loads should be investigated. When asked what route the senate should follow, Crowe said that if the senate passed it, the report should go to the Academic Council through the senate's right of agenda, and hopefully then on to the Administration for adoption.



Despres began the discussion by saying that while he strongly favored the report, he felt the recommendation was ambiguous and that a definition of sabbatical leave was also lacking. Eagan and several others commented that faculty renewal should not be included; it was self defeating. Rohrbough expressed the feelings of others that it should remain in the recommendation.

Dr. George Sereiko said that the library statistics were a little misleading, but that they were important. Crowe agreed saying that the provost and University Libraries are improving Notre Dame's standing within the Association of Research Libraries. Vacca disagreed expressing the opinion that the library statistics were the least convincing part of the report. Crowe countered that more must be done to improve research conditions at Notre Dame. Borelli suggested that the figures be made more precise.

Barrett, Phelps, and Prof. Paul Conway debated the costs of the sabbatical/renewal leave policy. Prof. Linda-Margaret Hunt stated the viewpoint that if the Administration balks at \$15,000 for the Early Childhood Developmental Center, then it will certainly balk at providing money for sabbaticals.

At this point Yoder made the motion that with the refinements in library statistics and inclusion of the definition of sabbatical leave, the report be accepted by the senate. Despres seconded this motion.

Gleason then commented that initially he was strongly opposed to the recommendation, but that after reading the report with its checks put in to prevent misuse of the sabbatical leave policy, he now favored it. He felt that the Administration doesn't wish to be bound to giving time off every seven years regardless of the use of time by the faculty, but that the case made by Crowe is a very good one. He also said that the approval clause as recommended was a point to be stressed.

Despres agreed about the approval clause saying that presently the practice of having to submit two proposals for outside funding encourages badly written applications and discriminates against good teachers. Yoder and Rohrbough, among others, agreed with these sentiments.

Crowe thanked the senators for the good, spirited discussion reminding them of the motion still on the floor. Borelli called for the vote, and the motion approving the report with minor modifications was unanimously approved.

There being no old or new business, Borelli adjourned the meeting at 10:27 p.m.

Absent but not excused: Subhash Basu, chemistry; Nathan Hatch, history; William Slowey, accountancy.

Absent and excused: Peri Arnold, government and international studies; James Bellis, sociology; Rudolph Bottei, chemistry; David Burrell, C.S.C., theology; James Danehy, emeritus; Sandra Harmatiuk, freshman year of studies; John Lucey, aerospace/mechanical engineering; William Stanchina, electrical engineering; Wilhelm Stoll, mathematics; David Dodge, sociology.

Respectfully submitted,

Jean A. Rosenberg

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## volunteer blood donor program

During March, members of the ND/SMC community will be asked to donate blood as part of the St. Joseph County Volunteer Blood Donor Program. The membership in our Blood Donor Program includes all Notre Dame and Saint Mary's faculty and staff personnel. Locally, we operate under "the community responsibility" plan for meeting blood needs. This is simply a guarantee that those of us who are healthy will give enough blood so those in medical need can receive it without any prior condition. All participating groups have total coverage for their blood needs. In 1983, the ND/SMC community donated 191 units of blood.

Along with advances in medical treatment and surgery more donors are needed to fill the requests. The Central Blood Bank of the South Bend Medical Foundation recently released information that may be of interest to you. "To meet the community's often unpredictable blood needs, it is essential that adequate supplies of the major blood types (Rh positive and negative varieties of types A, B, AB, and O) be maintained. Among the more common users of blood locally, are trauma patients and others with acute bleeding disorders, leukemia and renal dialysis patients and persons undergoing surgery. Roughly 75 percent of the blood we receive, however, is used in surgical procedures."

While a unit of whole blood can be stored for up to 35 days, at least 60 to 70 units are required to meet daily blood needs at the four local hospitals served by the blood bank. Supply and demand are so closely balanced that few units ever remain in temperature-controlled storage long enough to expire. 1983 Statistics: Memorial Hospital -- 7,408 Units (383 open heart surgeries - using 8 to 10 units per operation); St. Joseph's Medical Center -- 7,212 Units; Osteopathic Hospital-- 581 Units; St. Joseph Hospital, Mishawaka -- 892 Units; Local out-patient facilities -- 295 Units.

When you are a blood donor at the central Blood Bank it is important to designate your Donor Group -- Notre Dame/Saint Mary's Group.

The coordinator for the ND/SMC Program is Margaret Stauder. Fill out the Volunteer Blood Donor Pledge Card which you received with your March check, and return to Margaret Stauder, c/o Electrical Engineering, 275A Fitzpatrick Hall by intracampus mail or to Box 195, Notre Dame, IN 46556. The American Red Cross will call you to set up an appointment.

# advanced studies

## current publications and other scholarly works

Current publications should be mailed to the  
Division of Research and Sponsored Programs,  
Room 314, Administration Building.

### COLLEGE OF ARTS AND LETTERS

#### Art

Geoffrion, Moira M.

M.M. Geoffrion. 1984. Wood and Hand-  
made Sculpture, Lyric-Poised. Small  
Sculpture Show, Central Michigan Univer-  
sity Art Gallery, Mount Pleasant,  
Michigan.

#### Economics

Betson, David M.

D.M. Betson and D. Greenberg. 1983. Uses  
of Microsimulation in Applied Poverty  
Research. Pages 175-190 in, R. Goldstein  
and S. Sachs, eds., Applied Poverty  
Research. Rowman & Allanheld Publishers,  
Totowa, New Jersey.

Kim, Kwan S.

K.S. Kim and G. Turrubiate. 1983. Trade  
Policies, Factor-proportions, and Employ-  
ment - The Case of Mexico. El Mercado  
de Valores (NAFINSA) 18(46):1169-1172.

#### English

O'Rourke, William A.

W.A. O'Rourke. 1984. Review of J.  
Gardner's, On Becoming a Novelist.  
Commonweal 111(1):24-26.

W.A. O'Rourke. 1984. Review of B.  
Griffin's, Panic Among the Philistines.  
Commonweal 111(1):24-26.

#### Modern and Classical Languages

Olivera-Williams, Maria R.

M.R. Olivera-Williams. 1983. Las Series  
III, IV y V del Canto General. Texto  
Crítico 7(22-23):134-162.

Rubulis, Aleksis

A. Rubulis. 1983. Kalvis. Gaisma 2:30.  
A. Rubulis. 1984. Zverests. LKSA

Dzintars 10:1.

A. Rubulis. 1984. Debesu Maize. LKSA  
Dzintars 10:12.

A. Rubulis. 1984. Aizmuzos. LKSA Dzin-  
tars 10:12.

A. Rubulis. 1983. Folkloras Svarīgums.  
Zeme un Tauta 27:26-27.

#### Philosophy

Burrell, CSC, David B.

D.B. Burrell, CSC. 1983. Aquinas and  
Maimonides: A Conversation About Proper  
Speech. Immanuel. Page 16.

D.B. Burrell, CSC. 1983. Jerusalem and  
the Future of Theological Inquiry.  
Tantur Yearbook (1981-82), (Ecumenical  
Institute for Theological Research,  
P.O.B. 19556). Pages 35-55.

Eddin, Aron Z.

A.Z. Eddin. 1983. Bootstrapping Without  
Bootstraps. Minnesota Studies in  
Philosophy of Science 10:43-54.

Robinson, John H.

J.H. Robinson. 1983. Book essay. N.  
Morris', Madness and the Criminal Law.  
Notre Dame Law Review 59:297-311.

#### Program of Liberal Studies

Roche, Paul

P. Roche. 1983. Review of R. Bagg's  
translation, A New Version of Oedipus.  
Michigan Quarterly Review 22(4):655-660.

P. Roche. 1983. Some Notes for One to  
Whom the Doctrine of the Real Presence is  
a Stumbling Block. Hillsdale Review  
5(3):24-25.

#### Theology

Blenkinsopp, Joseph

J. Blenkinsopp. 1983. The 'Servants of  
the Lord' in Third Isaiah. Proceedings  
of the Irish Biblical Association. Irish  
Biblical Association, Dublin, Ireland.  
Pages 1-23.

Duffy, OFM, Regis A.

R.A. Duffy, OFM. 1983. A Roman Catholic Theology of Pastoral Care. Philadelphia: Fortress Press. 128 pp.

Kannengiesser, SJ, Charles

C. Kannengiesser, SJ. 1983. Arius and the Arians. *Theological Studies* 44:456-475.

C. Kannengiesser, SJ. 1983. *Bulletin de Théologie Patristique. Recherches de Science Religieuse* 71:539-562.

C. Kannengiesser, SJ. 1983. Athanase D'Alexandrie Évêque et Écrivain. (Théologie Historique, 70) Paris: Beauchesne. 416 pp.

McBrien, Richard P.

R.P. McBrien. 1983. Le Virtu' Teologali, Ossatura Della Vita Cristiana. Pages 197-212 in, K.H. Neufled, ed., *Problemi e prospettive di Teologia Dogmatica*.

R.P. McBrien. 1983. Church. Pages 108-110 in, A. Richardson and J. Bowden, eds., *Dictionary of Christian Theology*. Westminster Press, Philadelphia, Pennsylvania.

R.P. McBrien. 1983. Does the Faith Change? Pages 736-744 in, R. Drury, ed., *The Furrow*, St. Patrick's College, Ireland.

O'Connor, CSC, Edward D.

E.D. O'Connor, CSC. 1983. The Catholic Vision of the Family. *Homiletic and Pastoral Review* December:9-19.

O'Meara, Thomas F.

T.F. O'Meara. 1983. The Aesthetic Dimension in Theology. Pages 205-218 in, D. Apostolos-Cappadona, ed., *Art, Creativity and the Sacred*. Crossroad, New York.

Searle, Mark

M. Searle. 1983. Liturgy: Function and Goal in Christianity. L. Klenicki and G. Huck's, *Spirituality and Prayer: Jewish and Christian Understandings*. Paulist Press, New York. Pages 82-105.

Wilken, Robert L.

R.L. Wilken. 1984. The Christians as the Romans Saw Them. Yale University Press, New Haven, Connecticut. XVII + 214 pp.

#### COLLEGE OF SCIENCE

##### Biology

Carpenter, Stephen R.

S.R. Carpenter. 1983. Lake Geometry: Implications for Production and Sediment Accretion Rates. *Journal of Theoretical Biology* 105:273-286.

Crovello, Theodore J.

L.A. Hauser and T.J. Crovello. 1984. Family Identification. CONDUIT, University of Iowa Oakdale Campus, Iowa City, Iowa. 11 pp.

Rai, Karamjit S.

K.S. Rai and D.A. Sherron. 1983. Genetics of Speciation in the *Aedes* (*Stegomyia*) *scutellaris* Group (Diptera: Culicidae) 2. Crossing Relationships of *Aedes cooki* with Six Sibling Species. *Journal of Medical Entomology* 20(5):520-525.

#### Chemistry

Creary, Xavier

X. Creary and C.C. Geiger. 1983. Solvolyses of  $\alpha$ -Keto Norbornyl Trifluoroacetates and Triflates. Discrete  $\alpha$ -Keto Cations vs.  $\sigma$ -Assisted ( $k_A$ ) Processes. *Journal of the American Chemical Society* 105(24):7123-7129.

Kozak, John J.

\*M.K. Musho and J.J. Kozak. 1984. Lattice Theory of Reaction Efficiency in Compartmentalized Systems. *Journal of Chemical Physics* 80(1):159-169.

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\*Under the Radiation Laboratory  
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#### Mathematics

Pillay, Anand

A. Pillay. 1983. Countable Models of Stable Theories. *Proceedings of the American Mathematical Society* 89(4):666-672.

#### Physics

Kolata, James J.

R.A. Racca, P.A. DeYoung, J.J. Kolata and R.J. Thornburg. 1983. Low Energy Fusion of  $^{28}\text{Si} + ^{12}\text{C}$ . *Physics Letters* 129B: 294-297.

#### COLLEGE OF BUSINESS ADMINISTRATION

##### Accountancy

Ricchiute, David N.

D.N. Ricchiute. 1983. Review of D.R. Nichols and H.F. Stettler's, *Auditing Symposium VI: 1982 Touche Ross/University of Kansas Symposium on Auditing Problems*. *The Accounting Review* 58(4):859-860.

Williamson, Robert W.

R.W. Williamson. 1984. Review of Gibson and Frishkoff's, *Financial Statement Analysis*. *The Accounting Review* 59(1): 146.

#### LAW SCHOOL

Murphy, Edward J.

E.J. Murphy and R.E. Sperdel. 1984. *Studies in Contract Law*. Foundation Press, Mineola, New York. 1400 pp.

E.J. Murphy. 1984. *Conflicting Ultimates*. Wanderer Press, St. Paul, Minnesota. 78 pp.

#### RADIATION LABORATORY

Tripathi, G.N.R.

G.N.R. Tripathi. 1983. Time-Resolved Resonance Raman Spectroscopy of Radiation-Chemical Processes. *Journal of the American Chemical Society* 8:171-182.

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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 Society for Engineering Education	Department of Energy - ASEE Summer Faculty Research Program	April 1, 1984
The Camille and Dreyfus Fdtn., Inc.	Teacher - Scholar Grants	April 15, 1984
International Research and Exchanges Board	Special Grants for Collaborative Activities and New Exchanges	April 30, 1984
International Research and Exchanges Board	Travel Grants for Senior Scholars in the Social Sciences and Humanities	April 30, 1984
Organization of American States	Fellowship Program	April 30, 1984

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Kevin Onorato, Layout  
Printing and Publications Office  
415 Administration Building  
Notre Dame, Ind. 46556  
(219) 239-5337

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