

notre dame report

contents

the university

- 245 Vecchio Named to Schurz Chair
- 245 Name Change for Two Engineering Departments
- 245 University Club Expansion Planned

faculty notes

- 246 Honors
- 246 Activities

documentation

- 249 Library Hours/Midsemester and Easter Vacation
March 21-31, 1986
- 249 University Library Minutes -- December 12, 1985
- 251 University Library Minutes -- January 9, 1986

advanced studies

- 254 Current Publications and Other Scholarly Works

85-86

March 14, 1986

number 13

the university

vecchio named to schurz chair

Robert P. Vecchio, chairman and professor of management, has been named Franklin D. Schurz Professor of Management by Provost Timothy O'Meara.

A specialist in personnel and organizational behavior, Vecchio was graduated from De Paul University in 1972. He did graduate work at the University of Illinois at Champaign, where he received his doctoral degree in 1976, joining Notre Dame's faculty the same year. Author or co-author of numerous monographs, articles, papers and scholarly reviews in management and psychology journals, he has been the recipient of research grants from the U.S. Department of Labor and of fellowships from the Smith-Richardson, A.J. Schmitt, and William Donner Foundations.

The Franklin D. Schurz Chair in Management honors the chairman of the board of Schurz Communications, Inc., who began his newspaper career at the South Bend Tribune in October, 1925, after receiving bachelor's and master's degrees from Harvard University and working as an accountant in California and South Bend. Schurz was named a director and vice president of the Tribune in 1929, editor and publisher in 1954 and Tribune president in 1956. In addition to his other civic and journalism awards, he served as a Notre Dame trustee from 1964 to 1972, the same year he received an honorary degree from the University.

name change for two engineering departments

The names of two departments in the College of Engineering have been changed to more accurately reflect current trends in academic disciplines.

The Department of Electrical Engineering has been changed to the Department of Electrical and Computer Engineering, and the Department of Metallurgical Engineering and Materials Science becomes the Department of Materials Science and Engineering. Anthony Michel remains chairman of Electrical and Computer Engineering, while Albert Miller was recently appointed to head Materials Science and Engineering.

According to Roger Schmitz, dean of the College of Engineering, the name changes are in line with national trends toward modernizing the titles and academic directions for both departments.

university club expansion planned

The University Club will enlarge kitchen facilities and modernize food service equipment in its barrel-vaulted building, while restoring a reading lounge that was taken over for kitchen use several years ago. The Club was established in 1958 as a private organization with membership of faculty and administrators and moved from an old house south of Notre Dame Stadium to its current building in 1967. The late Robert Gore, former governor of Florida, underwrote construction costs and gave the University part of his valuable collection of steins and tankards to display in the building. The kitchen expansion and renovation are the first in a series of improvements that will eventually include an enlarged Stein Room lounge and an atrium dining room on the north side. Membership in the Club now includes alumni in the South Bend area.

Vol. 15, No. 13

March 14, 1986

Notre Dame Report (USPS 7070-8000) is an official publication published fortnightly during the school year, monthly in the summer, by the University of Notre Dame, Department of Public Relations and Information. Second-class postage paid at Notre Dame, Ind. Postmaster: Please send address corrections to: Editor, Notre Dame Report, c/o Rm. 212, Administration Building, Notre Dame, IN 46556

© 1986 by the University of Notre Dame, Ind. 46556. All rights reserved.

faculty notes

honors

Robert W. Clausen, M.D., guest assistant professor of biological sciences, has been reappointed to the President's Advisory Council of Valparaiso (Ind.) University.

George B. Craig, Jr., Clark professor of biological sciences, has been elected president-elect of the American Mosquito Control Association, and has been appointed to the American Institute of Biological Sciences - United States Army Medical Research and Development Command Peer Review Panel. He also has been asked to serve as chairman of the nominating committee for the American Society of Tropical Medicine and Hygiene.

Michael J. Crowe, professor in the Program of Liberal Studies, has been named to chair the Watson-Davis Prize Committee of the History of Science Society. The newly established Watson-Davis Prize will be awarded to the best book published from 1983 to 1985 and aimed at giving the public a deeper understanding of the history of science.

Jay P. Dolan, associate professor of history and director of the Cushwa Center for the Study of American Catholicism, was recently elected president of the American Society of Church History for 1987.

Laura Fuderer, assistant librarian, has been appointed to the Elections Committee, English Literature Discussion Group, of the Association of College and Research Libraries.

David M. Lodge, assistant professor of biological sciences, has been asked to serve as a member of the Indiana Rhodes Scholar Selection Committee.

William L. Petersen, visiting assistant professor of theology, has been appointed to the editorial board of the series, "The New Testament in the Greek Fathers: Texts and Analyses" (Scholars Press, Prof. G.D. Fee, editorial chairman).

Norlin G. Rueschhoff, professor of accountancy, has been appointed to the Editorial Advisory Board for Advances in International Accounting (Volume II).

Leonard M. Savoie, chairman and professor of accountancy, has been invited to serve as a member of the editorial board for "Accounting Horizons", a new quarterly journal of the American Accounting Association.

Susan Youens, assistant professor in the Program of Liberal Studies, has been elected to the Council of the American Musicological Society for 1985-1987.

activities

Hafiz M. Atassi, professor of aerospace and mechanical engineering, presented an invited seminar on "Aerodynamics of Unsteady Vortical Flows" at Purdue University, West Lafayette, Ind., Feb. 21.

Manju Basu, associate faculty fellow in chemistry, presented a paper on "New techniques in glycosyl-transferase research" at the International Symposium on Lipid Metabolism held in Strasbourg, France, Oct. 14-18.

Subhash C. Basu, professor of chemistry, gave a symposium talk on "Biosynthesis of gangliosides and blood group glycolipids using solubilized glycosyl-transferases" at the International Symposium on Lipid Metabolism held in Strasbourg, France, Oct. 14-18.

Frank J. Bonello, associate professor of economics, presented a lecture titled "Perspectives on Economic Education" at the College of the Holy Cross, Worcester, Mass., Feb. 7.

Mario Borelli, associate professor of mathematics, gave a two-hour colloquium-seminar on "Fast Fourier Transforms" (in Spanish) at the Humacao Center of the University of Puerto Rico Feb. 13. He also gave the invited address to the annual convention of the Humacao Chapter of the Puerto Rico Association of Teachers of Mathematics Feb. 15, and directed a 3-hour workshop (under a Department of Education grant) on Transformational Geometry during the convention.

James J. Carberry, professor of chemical engineering, presented a seminar on "Catalysis and Reaction Engineering" at the University of Delaware, Newark, Feb. 4, and was the Lindsay Lecturer at Texas A&M University, College Station, Feb. 14.

Xavier Creary, associate professor of chemistry, presented a lecture titled "The Chemistry of alpha-Keto Cations and Related Systems" at Rohm and Haas Co., Spring House, Pa., Feb. 20.

John D. Dow, Freimann professor of physics, gave an invited talk on "Deep levels in bulk semiconductors, in superlattices, and at surfaces" at the 1986 American Association of Physics Teachers/American Physical Society Joint Winter Meeting, held in Atlanta, Ga., Feb. 29.

William G. Dwyer, chairman and professor of mathematics, gave an invited talk titled "Smith theory and the cohomology of fixed-point sets" in the Midwest Topology Conference at Northwestern University, Evanston, Ill., Feb. 15.

Keith J. Egan, adjunct professor of theology, participated in the Fall 1985 sessions of the Carmelite Forum, Washington, D.C., and presented the plenary address, "Discipleship as Spirituality for Pastoral Care," at a Workshop on Pastoral Care held at St. John's Medical Center, Tulsa, Okla., Nov. 7. He spoke on "The Peacemaker: A Contemporary in Action" for the Christians and Justice lecture series at Saint Mary's College Feb. 27.

Isaac Elishakoff, visiting Freimann professor of aerospace and mechanical engineering, gave an invited seminar titled "Crandall's Problem and Some of Its Generalizations" at Massachusetts Institute of Technology, Cambridge, Feb. 10. He also participated in a ceremony honoring S.H. Crandall, Ford Professor of Engineering at M.I.T., on the occasion of his 65th birthday. Dr. Elishakoff presented to Professor Crandall the first draft of the book, "Random Vibration - Status and Recent Developments - S.H. Crandall Festschrift" (edited by Elishakoff and R.H. Lyon), which will be published by Elsevier, Amsterdam.

Harald E. Esch, professor of biological sciences, presented an invited address on "Microcomputers in the Research Laboratory" at the American Society for Microbiology (Indiana) Symposium of Molecular Genetics and Biotechnology, held in Muncie, Ind., Feb. 21-22.

Michael A. Fennewald, assistant professor of biological sciences, presented a seminar titled "Inhibitors of Site-specific recombination" for the

Department of Genetics and Development at the University of Illinois Oct. 22.

Sonia G. Gernes, associate professor of English, delivered an invited lecture, "Faith and Art: the Vocation of the Christian Writer," and gave a reading of her own poetry and fiction at Dordt College, Sioux Center, Iowa, Feb. 20-21.

Teresa Ghilarducci, assistant professor of economics, participated on a panel titled "Strategic Investments" for Project 200, International Union of Bricklayers and Allied Craftsmen, AFL-CIO, Bal Harbour, Fla., Feb. 8-9.

Philip Gleason, professor of history, presented a paper on "American Catholics and American Pluralism, 1940-1955" to a meeting of the Religion and Society Network, held at Notre Dame Oct. 3. He also acted as a commentator for a session dealing with "Spirit and Structure of Nineteenth-Century Diocesan Seminaries" at a Conference on the Culture of American Catholicism, sponsored by the Cushman Center for the Study of American Catholicism and held at Notre Dame Oct. 3-5.

Andre Goddu, assistant professor in the Program of Liberal Studies, presented a paper titled "William of Ockham's Arguments for Action at a Distance" at an international colloquium on the thought and writings of William of Ockham, sponsored by the Franciscan Institute, St. Bonaventure University, Oct. 10-12.

Frederick W. Goetz, associate professor of biological sciences, presented a seminar titled "Hormonal control of final maturation and ovulation in teleost fish" to the Department of Zoology and Physiology, University of Wyoming, Laramie, Feb. 6.

Denis Goulet, O'Neill professor of Education for Justice, gave a lecture titled "Three Rationalities in Development Decisions: Technical, Political, and Ethical" at the Interamerican Development Bank, Washington, D.C., Feb. 14. The program was sponsored by IDB's Latin American Inquiry Committee.

Rev. Eugene Gorski, C.S.C., associate professional specialist and adjunct assistant professor of theology, was a participant in the Conference on Religion and Politics in the American Milieu sponsored by the Office of Policy Studies and the Review of Politics, held at Notre Dame Feb. 13-15.

Maureen T. Hallinan, White professor of sociology, presented a lecture on "Resegregating the Desegregated Classroom" to the Community Education Council, Benton Harbor, Mich., Feb. 11.

Patrick Horsbrugh, professor emeritus of architecture, spoke on "Environic Conditions of the Prairies" at the opening of an exhibition of his Prairie Landscape paintings held at the Fremont Area Art Association, Fremont, Nebraska, Feb. 9. He also conducted a class on architectural rendering and techniques for the College of Architecture, University of Nebraska, Feb. 11.

Marjorie Schreiber Kinsey, assistant professor of art, art history and design, presented a paper titled "Ambiguous Images: Liberal Theology and Conservative Interpretation in the Art of Ary Scheffer" at the 74th annual meeting of the College Art Association of America in New York City Feb. 13.

Donald P. Kommers, professor of government and international studies and professor of law, was an invited participant in a symposium on the Republican Roots of the American Constitution, held at the Hutchins Center for the Study of Democratic Institutions, Santa Barbara, Calif., Feb. 10-11.

David M. Lodge, assistant professor of biological sciences, presented an invited departmental seminar titled "Importance of herbivory and predation by crayfish in lake-bottom community structure" for the Department of Biology, University of Dayton, Ohio, Feb. 21.

John M. LoSecco, associate professor of physics, gave the following talks: "Neutrino Physics Underground," for the Aspen Center for Physics, Workshop on Underground Physics, Aug. 30; "Particle and Astrophysical Results from Underground Experiments," given at the Aspen Winter Particle Physics conference Jan. 16 and at the Lake Louise (Canada) Winter Institute on Subatomic Physics, Feb. 22; "New results from Underground Experiments," for the Particle Physics Seminar at Brookhaven National Laboratory, Jan. 23; and "Physics Results from IMB," given at the Workshop on Massive Neutrinos at Recontre de Moriond in Tignes, France, Jan. 28 and at a High Energy Physics Seminar held at Purdue University Feb. 19.

Stephen R. Lundeen, associate professor of physics, delivered a talk titled "High Resolution Spectroscopy of High-L Rydberg States of Helium and H₂" at St. Olaf College, Northfield, Minn., Oct. 21; at Lawrence Univ., Appleton, Wis., Oct. 23; and at the University of Oregon, Eugene, Dec. 12.

Vicki J. Martin, assistant professor of biological sciences, presented an invited lecture titled "Utilization of a marine invertebrate for toxicology testing" at a Growth Research Organization for Women Conference held at Bellarmine College, Louisville, Ky., Feb. 26-28.

Rev. John Allyn Melloh, S.M., associate professional specialist in theology and coordinator of the John S. Marten program in homiletics and liturgics, gave a Workshop on Preaching for parish priests at Holy Cross Parish, South Bend, Jan. 31.

Thomas J. Mueller, professor of aerospace and mechanical engineering and Director of Engineering Research and Graduate Studies, presented a seminar titled "Airfoil Aerodynamics at Low Reynolds Numbers" at Texas A & M University, College Station, Feb. 13.

Alven M. Neiman, Assistant Dean, College of Arts and Letters, and Director of the Core Course, delivered a paper on "Education, Power and the Authority of Knowledge" at a colloquium of the Harvard Graduate School of Education Philosophy of Education Research Center (PERC), held Feb. 20 at Harvard University, Cambridge, Mass.

Sharon L. O'Brien, assistant professor of government and international studies, read an invited paper, "The British Proclamation of 1763 and the Canadian Trust Relationship," at the Indian Heritage Conference, Walpole Island Reserve, Ontario, Canada, Dec. 13. She also gave an invited lecture, "The International Protection of Aboriginal Rights," at the Native Law Centre, University of Saskatchewan School of Law, Saskatoon, Jan. 28, and gave a series of lectures on Tribal Self-Determination and Government for the Akwesasne Mohawk Nation, Hogansburg, New York, Feb. 24-28. Dr. O'Brien received a Faculty Enrichment Grant Award from the Canadian Embassy in February.

Howard J. Saz, professor of biological sciences, presented an invited plenary lecture titled "Interrelationships between the Energy Metabolisms of *Ascaris* Muscle and Reproductive Tissues" at the Symposium on Biochemistry of Parasites, held at Simon Bolivar University, Caracas, Venezuela, Oct. 26 - Nov. 3.

Donald E. Sporleder, professor of architecture, chaired the Education Evaluation Committee for the National Council of Architectural Registration Board meeting in Seattle, Wash., Jan. 31 - Feb. 1. The meeting included a roundtable Forum with the deans of the northwest region schools of architecture, including the University of British Columbia, Vancouver, Canada.

Wilhelm Stoll, professor of mathematics, participated in the "Special Year in Complex Analysis" at the University of Maryland Feb. 3-7, where he gave an invited talk on "Algebraic Reduction of Nevanlinna Theory." He also gave an invited colloquium lecture titled "Value Distribution for Moving Targets" at Johns Hopkins University, Baltimore, Md., Feb. 4.

Kwang-tzu Yang, Viola D. Hank professor of aerospace and mechanical engineering, presented an invited lecture on "Flow Transition in Laminar Buoyant Flow in a Three-Dimensional Tilted Rectangular Enclosure" in the Department of Mechanical Engineering at the University of California, Berkeley, Feb. 20.

Susan Youens, assistant professor in the Program of Liberal Studies, gave an invited presentation on "An analysis of Schubert's 'Auf dem Flusse'" for the department of music at Columbia University, New York, N.Y., Dec. 6.

documen- tation

library hours/ midsemester and easter vacation march 21-31, 1986

Date	Memorial Library		Science & Engineering Libraries
	Building	Public Services	
Fri., March 21	8 a.m.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Sat., March 22	9 a.m.-10 p.m.	9 a.m.- 5 p.m.*	Closed
Sun., March 23	1 p.m.-10 p.m.	Closed	Closed
Mon., March 24 through	8 a.m.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Thur., March 27			
Fri., March 28	9 a.m.- 5 p.m.	Closed	Closed
Sat., March 29	9 a.m.-10 p.m.	9 a.m.- 5 p.m.*	Closed
Sun., March 30	Closed	Closed	Closed
Mon., March 31	8 am.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Tue., April 1	Return to regular schedule.		

* The following public service areas will be closed: Audio Learning Center, International Documentation Center, Medieval Institute Library, Microtext ONLY of the Current Periodicals/Microtext Center, Reserve Book Room, and Special Collections.

university libraries minutes december 12, 1985

The meeting was called to order at 4:43 p.m. in the office of the Director of Libraries, 221G Memorial Library, by Harvey A. Bender, the Committee chairperson. Present in addition to Professor Bender were Committee members Leo A. Despres, Lloyd H. Ketchum, Jr., Bill D. McDonald, Robert C. Miller (ex officio), James E. Robinson, and W. Robert Scheidt, and the Committee secretary, John B. Harlan.

Professor Bender introduced and welcomed Professor Despres to the Committee.

The minutes of the meeting of Nov. 7, 1985 were approved for distribution and publication as written.

Mr. Miller gave his report as Director of Libraries:

The Libraries' recommendation for its automated system was discussed by the University's Executive Committee for Computing Policy at its meeting of Nov. 25. That Committee will meet again on Dec. 17, with the Provost and the Director of Libraries in attendance. Prof. Robinson requested Mr. Miller's projections for system implementation. Mr. Miller said he hopes to have hardware installation completed by late spring of 1986, the database loaded during the autumn of 1986, and full public access to the system in the autumn of 1987. Prof. Bender believes full public access will probably not occur until the spring of 1988. As a result, a small private wager was made between the Committee chairperson and the Director of Libraries. Mr. Miller reported that Indiana State University took only six to nine months from issuance of their Request for Proposal (RFP) to full public access.

Prof. Despres inquired regarding the acquisition of nonprint materials, specifically, computer tapes of census data. Mr. Miller reported that the University Libraries as a rule do not acquire particularly expensive items in any format -- print or nonprint -- if such materials are likely to have only a very select potential user audience, in that such purchases would not constitute the most effective use of the Libraries' resources. It is sometimes possible, however, to acquire such material with special funding, although usually nonprint materials (including access to electronic databases) are not purchased to the exclusion of print materials.

The Committee discussed at some length the question of nonprint material acquisitions throughout the University. Mr. Miller noted the apparent prejudice within academe regarding nonprint materials in general and computer materials in particular. He sees two principal difficulties regarding nonprint resources within the University at this point: (1) there are nonprint materials available in the University that are not being used because their availability is not widely known, and (2) there are other nonprint materials here not being used because their owners are not comfortable with their format. Mr. Miller noted the abundance of online electronic database services now available, but both he and Prof. Bender expressed reservations regarding use of library funding for online database access if such use would curtail our monographic and serial acquisitions budget. Mr. Miller noted the increasing use of compact disk -- read only memory (CD-ROM) technology for making entire databases available on-site to libraries acquiring CD-ROMs. These database CD-ROMs are supplemented with quarterly updates, and current material can still be accessed through the online service. This has the advantage of limiting the amount of inherently expensive online searching that would be necessary to that amount of information added online since issuance of the most recent CD-ROM update. The Committee expressed enthusiasm for further exploration of this technology's possibilities for Notre Dame.

Mr. Miller continued his report:

Latin American studies is becoming an area of major emphasis within the University, and the Libraries are reflecting the new emphasis by recruiting for a full-time Bibliographer for Latin American Studies, Economics, and Government.

Prof. Ketchum inquired regarding the function of bibliographers within the Libraries. Mr. Miller responded that to a certain extent it depends on the subject area, but that generally it is the responsibility of bibliographers to assess the Libraries' collections in their subject area, assess collection needs with the appropriate teaching and research faculty, and engage in collection building and material selection activities. In the branch libraries, organizational and administrative functions have to a certain extent been separated out from the professional functions of collection development and reference and instructional services. Professional librarians in the branches report to the Libraries' Assistant Director for Reference and Instructional Services for those services and their administrative and organizational functions. They report to the Assistant Director for Collection Development for all collection development activities. At Prof. Ketchum's request, Mr. Miller reviewed for the Committee the creation and development of the present bibliographer positions within the Libraries. Prof. Scheidt asked whether the approval plans have served as surrogate bibliographers. Mr. Miller replied that to a certain extent they do, but that they also help ensure that the bibliographers are able to spend their time more efficiently. He observed that there is a strong need to attract and retain good people in the Libraries' bibliographer positions.

Mr. Miller reminded the Committee members of their standing invitation to the Libraries' traditional Christmas reception to be held this year on Wednesday afternoon, Dec. 18, from 3-5 p.m. in the Administrative Office, 221 Memorial Library.

Prof. Robinson conveyed complaints regarding perceived delays in the cataloging of library material, and cited the John Bennett Shaw Collection as an example. Mr. Miller will address this concern at the Committee's next meeting.

Prof. McDonald advised Mr. Miller of the possibility of a donation of a collection of books, and Mr. Miller said he would contact the prospective donor.

Prof. Bender asked Mr. Miller to explore the status of the deliberations of the ad hoc Committee on the State of the Library Faculty, and to report back to the Committee at an upcoming meeting.

The next meeting of the Committee will be held Thursday, Jan. 16, 1986 (rather than Thursday, Jan. 9, as previously scheduled) at 4 p.m. in the Conference Room of the Administrative Office, 221 Memorial Library. The agenda will include a report by Mr. Miller on the cataloging process.

The meeting adjourned at approximately 6 p.m.

Respectfully submitted,

John B. Harlan
Secretary to the University Committee on Libraries

university libraries minutes

january 9, 1986

The meeting was called to order at 4:08 p.m. in the Conference Room of the Administrative Office, 221 Memorial Library, by Harvey A. Bender, the Committee chairperson. Present in addition to Prof. Bender were Committee members Lloyd H. Ketchum, Jr., Bill D. McDonald, Robert C. Miller (ex officio), James E. Robinson, and W. Robert Scheidt, and the Committee secretary, John B. Harlan. Absent was Committee member Leo A. Despres.

Consideration of the minutes of the meeting of Dec. 12, 1985 was deferred.

Mr. Miller gave his report as Director of Libraries:

In response to Prof. Robinson's concerns expressed during the December meeting regarding perceived delays in the Libraries' cataloging process, Mr. Miller reported that it had been the practice during the 1950s and 1960s to accept large gift collections of materials which were then stored indefinitely in the basement awaiting processing. Beginning during the 1978-79 academic year, a major effort was launched to catalog these materials. This effort continued until the major donation making possible the library automation effort resulted in a shifting of priorities. Currently acquired materials have always had first priority for cataloging, followed by the retrospective conversion (or "recon") into machine readable form of bibliographic records for materials already owned, and finally the processing of already existing backlogs. The cataloging of the Libraries' significant microfilm collection of Catholic newspapers (which was completed in 1985) and the current major automation-related recon project have resulted in the cessation of processing of older gift collections (which will be processed more easily and quickly once the automated system is in place), the slowed processing of newer gift collections, and the slowed processing of materials requiring original cataloging (that is, items for which there are not already bibliographic records available through our cataloging utilities). Mr. Miller estimated that there are currently approximately 50,000 items awaiting processing, whether for copy cataloging -- the editing of already extant bibliographic records available and accessed through OCLC, the Online Computer Library Center -- or original cataloging. He reported that additional funding has been requested to enable the Libraries to address this situation in a meaningful manner.

Mr. Miller noted that newer uncataloged material is accessible through control records in ACQUIS, the Libraries' present automated acquisition system, and that some significant gift collections, including the John Bennett Shaw Collection Professor Robinson cited during the Committee's December 12 meeting, are accessible through the placement of "finder's aids" in the public card catalog. The Shaw Collection is partially cataloged, approximately one quarter to one half completed. Professor Robinson expressed concern that the automated system is still at least one year away. Mr. Miller said that the database should be in fairly good shape in one year's time, but that work on backlogs could begin as early as July 1986 if the requested additional funding is provided. Professor Bender asked how many additional positions had been requested. Mr. Miller replied that five or six new positions are now being requested. Some of those positions are permanent, and some are temporary; not all are for processing. Professor Bender asked how long it would take to process all the backlogs, and Mr. Miller estimated three years. Mr. Miller and Professor Robinson agreed that the Shaw Collection is a very exciting one, and Mr. Miller noted that parts of it duplicate existing holdings of the Libraries and that it will therefore require many selection decisions.

Professor Bender noted that the Anastos Collection will soon be coming to the University Libraries, and asked when we can begin cataloging it. Mr. Miller noted that four or five years ago application was made for a grant to aid in processing the Collection, but that the application was subsequently turned down. The Anastos Collection consists of 25,000 items, of which as many as 15,000 may duplicate existing holdings. The Libraries should add staffing when the Collection arrives.

Professor Robinson asked what constitutes normal processing time for the cataloging of library materials. Mr. Miller replied that if the item comes in as part of an approval plan, can be matched to an existing bibliographic record in the OCLC database fairly easily, and requires no special treatment (such as authority work on a series, etc.), that item can usually be processed in two to three weeks. Professor Bender asked whether materials in the backlog deteriorate. Mr. Miller assured the Committee that materials are checked for such deterioration, and that any identified is dealt with promptly. He noted that processing time at Notre Dame is not unusually fast or slow for a major academic research library. What is unusual, however, is the virtual absence of a filing backlog of cards being added to the public card catalog; such backlogs are the norm at most large academic libraries.

Professor Robinson asked why items that are parts of series take more time in processing, and Mr. Miller replied that they require checking against authority files in the OCLC database and locally. Professor Scheidt asked if the retrospective conversion activity referred to previously will be completed when the database is brought online, and Mr. Miller replied that the bulk of it should be.

Professor Bender requested a progress report on automation matters. Mr. Miller distributed materials regarding automated system implementation, and discussed the present implementation timetable. He reported that he hopes to have hardware installed by May 1, software loaded by June 1, and the database loaded by August 1. The initial load of the

database will include approximately 90% of our monographic collection and a significant portion of our current serials holdings, but none of our 20,000 - 30,000 non-current serials.

Mr. Miller described briefly the system terminal network configuration, including various terminal hardware options available. One option is to have a printer accompany each public access terminal, but given the Libraries' experience with keeping photocopiers operating and properly supplied with paper, Mr. Miller expressed his reluctance to duplicate such potential problems on a wide scale. Professor Scheidt noted that the troublesome Savin copier in the Chemistry/Physics Library has not yet been replaced, but Mr. Miller assured him that such replacement is under consideration.

Professor Robinson questioned one of the new positions being created in connection with the automated system, and Mr. Miller provided a description of and background on each position. Professor Scheidt inquired after Lawrence Woods, former Assistant Director for Automated Systems/Coordinator of Technical Services, and was informed that he left the Libraries at the end of August 1985 to join the McDonnell Douglas Computer Systems Company as Manager of Product Development for their Library Systems unit. Mr. Miller reported that Maureen Gleason, Assistant Director for Collection Development, has assumed the additional responsibility of Coordinator of Technical Services. In other personnel news, Mr. Miller reported that Karla Goold, University Science Librarian, will be leaving the Libraries at the end of January to assume the position of Assistant Director for Science and Engineering Libraries at Columbia University in New York.

Returning to the topic of library automation, Mr. Miller reviewed the development of the central site for the system. Three years ago when the Libraries were seeking a site for the system central processing unit (CPU), the Computing Center had very little space and was unable to accommodate library system plans. As a result, the Libraries constructed a state-of-the-art Library Data Center in the basement of the Memorial Library building, featuring various environmental controls including a Halon fire suppression system. During the period of system acquisition delays, space conditions changed (due in part to the construction and occupancy of the Decio Faculty Hall) and the Computing Center found it could accommodate the central site for the library system. The system may operate in a shared mainframe environment; if this is the case, however, there will be guarantees of partitioning to ensure library service performance standards. The Library Data Center will be used either as a library preservation laboratory facility (which requires some of the same environmental controls as have already been included) or a microcomputer laboratory. Both options are necessarily dependent on funding availability. Professor Scheidt asked if the terminals will be ASCII terminals, and Mr. Miller replied that he expects the ASCII communications standard to be used. Mr. Miller reported that the former Automation Advisory and Coordinating Committee (AACC), created to select an automated system, has been disbanded and succeeded by a new Automation Implementation Team (AIT), which will have responsibility with the new Library Systems Manager for implementation of the system and related training. Professors Bender and Scheidt both stressed the need for well designed and implemented training, and Mr. Miller noted that AIT will soon be establishing a Communication and Training Task Force to begin work in that important area. Professor Ketchum asked if additional personnel will be hired for the automation process, and Mr. Miller replied that some will be, but that there will be system staffing through the Computing Center for operations and programming functions. Professor Bender inquired regarding the hardware to be used, and Mr. Miller reported that he expects the hardware to be IBM 4381 Group 1, which is capable of supporting a network of 300-400 terminals.

The next meeting of the Committee will be held Monday, February 17, 1986 (rather than Monday, February 6, as previously scheduled) at 4 p.m. in the Administrative Office, 221 Memorial Library. If anyone has a schedule conflict with the 17th, or a suggested agenda item for the next meeting, Professor Bender requested that they contact John Harlan at 221F Memorial Library (x7780) by Tuesday, January 21.

The meeting was adjourned shortly after 5 p.m.

Respectfully submitted,

John B. Harlan
Secretary to the University Committee on Libraries

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, Art History and Design

Kinsey, Marjorie S.

M.S. Kinsey. 1986. Review of B.M. Stafford's, *Voyage into Substance. Art, Science, and the Illustrated Travel Account. Nineteenth Century French Studies* 14(1 & 2):183-184.

M.S. Kinsey. 1985. Review of State of the Art (Exhibition). *New Art Examiner* 13(1):68.

M.S. Kinsey. 1985. Review of G. Rickey in South Bend (Exhibition). *New Art Examiner* 13(4):61.

Vogl, Donald G.

D.G. Vogl. 1986. Invitational Show. Two Paintings. "Depths", Acrylic; "Blue is for Boys and Pink is for Girls", Acrylic. Michigan City Community Center for the Arts. Michigan City, Indiana.

Economics

Craypo, Charles

C. Craypo. 1986. *The Economics of Collective Bargaining: Case Studies in the Private Sector.* Bureau of National Affairs, Washington, D.C. 259 pp.

C. Craypo and M. Lehman. 1986. Health Care for Profit: The Impact of Multi-Hospital Chains on Workers and Communities. Page 80 in, *Social Policy Monograph Series.* Pennsylvania State University, University Park, Pennsylvania.

C. Craypo. 1985. Experiences from the Deindustrialization of a Factory Town. Pages 57-66 in, B.G. Lall, ed., *Economics Dislocation Job Loss.* New York State School of Industrial and Labor Relations. Cornell University, New York, New York.

C. Craypo, J. Paar and M. Lehman. 1985. *Litton Industries' Pattern of Labor Law Violations.* Pages 395-422 in, G. Starling and O.W. Baskin, eds., *Issues in Business and Society: Capitalism and Public Purpose.* Kent (Wadsworth) Publishing Company, Boston, Massachusetts.

English

- Gernes, Sonia G.
S.G. Gernes. 1986. Nesting, (short story), and Dust (poem). Indiannual 2:43-47.
O'Rourke, William A.
W.A. O'Rourke. 1986. Review of G. Lish's. Peru. Chicago Tribune Book World February 2(14):37-38.

Government and International Studies

- Leege, David C.
See under THEOLOGY; Searle, Mark. 1985. Notre Dame Study of Catholic Parish Life 6:1-7.

Modern and Classical Languages

- Doering, Bernard E.
B.E. Doering. 1985. Jacques Maritain, Georges Bernanos and Julien Green on the Mystery of Suffering and Evil. Religion and Literature 17(3):37-55.

Music

- Buranskas, Karen L.
See under Klugherz, Laura J. 1986. Duo Recital, Illinois State University, Normal, Illinois.
Cerny, William
See under Klugherz, Laura J. 1986. Recital, The Snite Museum of Art, University of Notre Dame, Notre Dame, Indiana.
Klugherz, Laura J.
L.J. Klugherz. 1986. Performance. Soloist with the South Bend Symphony Orchestra: Tzigane by Ravel, and Mozart Violin Concerto No. 5. O'Laughlin Auditorium, Saint Mary's College, Notre Dame, Indiana.
L.J. Klugherz and W. Cerny. 1986. Recital. Works by J.S. Bach, Ponce, Beethoven and Aaron Copland. The Snite Museum of Art, University of Notre Dame, Notre Dame, Indiana.
L.J. Klugherz and K.L. Buranskas. 1986. Duo Recital. Works of Boccherini, Kodaly and Martinu. Illinois State University, Normal, Illinois.
Stam, Carl L.
C.L. Stam. 1986. Conductor. Notre Dame Chorale. St. Henry's Church, Nashville, Tennessee.
C.L. Stam. 1986. Conductor. Notre Dame Chorale. Johnson Ferry Baptist Church, Marietta, Georgia.
C.L. Stam. 1986. Conductor. Notre Dame Chorale. First Presbyterian Church, Gainesville, Florida.
C.L. Stam. 1986. Conductor. Notre Dame Chorale. Armstrong State College, Savannah, Georgia.
C.L. Stam. 1986. Conductor. Notre Dame Chorale. St. Jude Church, Chattanooga, Tennessee.
C.L. Stam. 1986. Conductor. Notre Dame Chorale. St. Francis of Assisi Church, Louisville, Kentucky.

- C.L. Stam. 1986. Conductor. Notre Dame Chorale. Bellarmine College, Louisville, Kentucky.

Program of Liberal Studies

- Goddu, André L.
A.L. Goddu. 1985. Problem-Oriented History, Review of F. Furet's, In the Workshop of History. The Review of Politics 47:637-639.
Tillman, M. Katherine
M.K. Tillman. 1985. The Place of Reason in Spirituality: Reflections on Cardinal Newman. Communio 12(3):318-325.

Psychology

- Lapsley, Daniel K.
D.K. Lapsley, R. Enright and R. Serlin. 1985. Toward a Theoretical Perspective on the Legislation of Adolescence. Journal of Early Adolescence 5(4): 441-466.

Theology

- Blenkinsopp, Joseph
J. Blenkinsopp. 1986. Prophecy and Priesthood in Josephus (Japanese). Volume 3, pages 215-238 in, Y. Shoten, ed., Josephus: Hebraism and Hellenism. Tokyo, Japan.
Krieg, CSC, Robert A.
R.A. Krieg, CSC. 1986. Meditations for Lent and Easter. Paschal Mission 1986 (Series of Sixteen Pamphlets). Liturgy Training Publications, Chicago, Illinois. 16 pp.
Searle, Mark
M. Searle and D.C. Leege. 1985. Of Piety and Planning. Notre Dame Study of Catholic Parish Life 6:1-7.
White, James F.
J.F. White. 1985. Pages 4-15 in, D. Cruz, ed., Words That Hurt; Words That Heal: Language About God and People. United Methodist Publishing House, Nashville, Tennessee.

COLLEGE OF SCIENCE

Biological Sciences

- Diffley, Peter
J.D. Norton, S.P. Yang and P. Diffley. 1986. Influence of Source and Quantity of Protein on the Development of Immunity and Resistance to African Trypanosomiasis. Infection and Immunity 51:455-460.

Chemistry

- Creary, Xavier
X. Creary. 1985. Nucleofugality of the Sulfinate Group in Carbocation-Forming Processes. Journal of Organic Chemistry 50(25):5080-5084.

Eigenbrot, Jr., Charles W.

See under Pasto, Daniel J. 1985. Journal of Organic Chemistry 50(25):5056-5060.

Fehlner, Thomas P.

See under Pasto, Daniel J. 1985. Journal of Organic Chemistry 50(25):5056-5060.

Geiger, David K.

See under Scheidt, W. Robert. 1985. Inorganic Chemistry 24(26):4736-4741.

Huang, Nā-Zhōng

See under Pasto, Daniel J. 1985. Journal of Organic Chemistry 50(25):5056-5060.

Nowak, Thomas L.

M.H. Lee, R.S. Goody and T.L. Nowak. 1985. Guanosine Thiophosphate Derivatives as Substrate Analogues for Phosphoenolpyruvate Carboxykinase. Biochemistry 24(26):7594-7602.

Pasto, Daniel J.

D.J. Pasto, N.-Z. Huang, S.H. Yang and C.W. Eigenbrot, Jr., R.D. Barreto and T.P. Fehlner. 1985. An Analysis of the Structures and Electronic Properties of the Isomeric 1,2-Bis(cyanomethylene)cyclobutanes. Journal of Organic Chemistry 50(25):5056-5060.

Scheidt, W. Robert

D.K. Geiger, V. Chunplang and W.R. Scheidt. 1985. Control of Spin State in (Porphinato)iron(III)Complexes. A New Crystalline Phase of (Isothiocyanato)(pyridine)(meso-tetraphenylporphinato)iron(III) with Two Magnetically Distinct Sites. Inorganic Chemistry 24(26):4736-4741.

Mathematics

Sommese, Andrew J.

J. Lipman and A.J. Sommese. 1986. On Blowing Down Projective Spaces in Singular Varieties. Journal für die reine und angewandte Mathematik 362:51-62.

Physics

Dow, John D.

S. Satpathy and J.D. Dow. 1986. Effects of Band Structure on the X-ray Spectra of Metals. Journal of Physics and Chemistry of Solids 47(1):109-114.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Huang, Nai-Chien

N.C. Huang. 1985. Crack Propagation Due to Indentation with Constant Speed. International Journal of Fracture 29:143-155.

Nelson, Robert C.

See under Ng, T. Terry. 1986. AIAA-86 0330:1-12.

Ng, T. Terry

F.M. Payne, T.T. Ng and R.C. Nelson. 1986. Visualization and Flow Surveys of the Leading Edge Vortex Structure on Delta Wing Planforms. AIAA-86 0330:1-12.

COLLEGE OF BUSINESS ADMINISTRATION

Accountancy

Rueschhoff, Norlin G.

S. Fox and N.G. Rueschhoff. 1986. Principles of International Accounting. Austin Press, Austin, Texas. 836 pp.

Management

Carter, Nancy M.

N.M. Carter and T.L. Keon. 1986. Toward a Clarification of the Division of Labor Construct. Human Relations 38(12):1131-1158.

Goslar, Martin D.

M.D. Goslar, G.I. Green and T.H. Hughes. 1986. Decision Support Systems: An Empirical Assessment for Decision Making. Decision Sciences 17(1):79-91.

Vecchio, Robert P.

R.P. Vecchio. 1985. The Hay Aptitude Test Battery. Pages 651-652 in, Ninth Mental Measurement Yearbook. Buros Institute, Lincoln, Nebraska.

R.P. Vecchio. 1985. The Press Test. Pages 1198-1199 in, Ninth Mental Measurement Yearbook. Buros Institute, Lincoln Nebraska.

Zimarowski, James B.

J.B. Zimarowski. 1986. Employer Evasion of the Collective Bargaining Agreement: Policy Directions and the Reagan NLRB. Labor Law Journal 37(1):50.

RADIATION LABORATORY

Carmichael, Ian C.

B. Webster, M. Hilczer, M.J. Ramos and I.C. Carmichael. 1985. The Inclusion of d-Type Gaussian Functions in the Analytic Method for the Calculation of Electrostatic Molecular Potentials. Journal of the Chemical Society, Faraday Transactions 2(81):1761.

Das, Paritosh K.

K. Bobrowski and P.K. Das. 1985. Transient Phenomena in the Pulse Radiolysis of Retinyl Polyenes. 4. Environmental Effects on Absorption Maximum of Retinal Radical Anion. Journal of Physical Chemistry 89:5733.

notre dame report

An official publication of the University of Notre Dame, Department of Public Relations and Information. Individual copies are available in the Notre Dame Hammes Bookstore at 50 cents each. Mail subscriptions are \$10 per year. Back copies are available through the mail at 70 cents each.

Bernadette Zoss, Editor
Jeff Smith, Layout
Publications and Graphic Services
415 Administration Building
Notre Dame, Ind. 46556
(219) 239-5337
