Naturalist Publication to be Electronically Archived

The American Midland Naturalist, the University's oldest academic publication, has been selected for inclusion in the nation's premier electronic journal archive, Journal Storage (JSTOR). Midland and 28 other historic periodicals were chosen as a part of a new JSTOR Ecology and Botany Collection assembled by a panel of nationally known scholars. The American Midland Naturalist was founded by Rev. Julius Nieuwland, C.S.C., in 1909 and is edited today by Robert P. McIntosh, professor emeritus of biology.

Notre Dame Athletics Program Ranks High

When the 1999-2000 Sears Directors Cup top 25 university athletic programs are reranked according to student-athletes' graduation rates, Duke, Notre Dame and Stanford lead the poll.

The Sears Cup competition uses a point system to rank universities according to the overall success of their athletic programs. The NCAA publishes an annual report on student-athlete graduation rates, most recently in August 1999. Reranking the Sears Cup standings by graduation rates puts Duke on top, with 91 percent of its student-athletes graduating, closely followed by Notre Dame and Stanford, with 88 and 87 percent graduation rates, respectively.


Rwanda Clerkship Program Funded

The Center for Civil and Human Rights (CCHR) at Notre Dame Law School has been awarded a grant to fund a clerkship program at the International Criminal Tribunal for Rwanda (ICTR) in Arusha, Tanzania.

The two-year grant of $80,000 from the Open Society Institute will be used to provide promising graduates of human rights programs such as Notre Dame's with an opportunity to gain practical experience, while providing valuable assistance to the Rwandan Tribunal. The grant will be administered by CCHR under the direction of Juan Méndez.

Archbishop McGrath Dies

Most Rev. Mark B. McGrath, C.S.C., archbishop emeritus of Panama and life trustee of the University, died August 3. A native of Panama, Archbishop McGrath studied at Catholic University of Chile in Santiago before coming to Notre Dame in 1940. In 1942 he entered the novitiate of the Congregation of Holy Cross. After being graduated from Notre Dame in 1945, he did theological studies at Holy Cross College in Washington, D.C., and was ordained a priest in 1949. He studied at the Theological Institute in Paris and at the Angelicum in Rome from which he received his doctorate in 1953. He was elected to Notre Dame's board of trustees in 1975 and elected a life trustee in 1983. He received an honorary doctor of laws from the University in 1963.
Honors

Daniel Marmion, librarian, continues for a term of three years as editor of Information Technology and Libraries, a refereed, scholarly journal published by the Library and Information Technology Association (LITA).

Ralph McInerney, Grace professor of medieval studies, director of the Maritain Center and professor of philosophy, was appointed in June to the editorial board of Sensus Communis, an international quarterly for studies and research on Alethic logic.

Richard R. Mendenhall, associate professor of finance and business economics, has been named to the editorial advisory and review board of The Accounting Review, beginning immediately for a one-year term.

Rev. Hugh R. Page Jr., director of the Program of African and African-American Studies and associate professor of theology, was one of several poets featured in the Black History Month Poetry Reading at Copshaholm House Museum, March 24.

John E. Renaud, Clark Equipment associate professor of aerospace and mechanical engineering, was appointed as an associate technical editor for the ASME Journal of Mechanical Design for a one-year period beginning July 1.

Norlin Rueschhoff, professor of accountancy, received an award in recognition of his seven years’ service as the associate editor of the Cosmos Accountancy Chronicle at the regular meeting of the International Association for Accounting Education and Research, European Accounting Congress, Munich, March 29.

Steven R. Schmid, associate professor of aerospace and mechanical engineering, was invited to participate in the Frontiers of Engineering Symposium by the National Academy of Engineering (NAE). Invitees are chosen for their potential as leaders in U.S. engineering. Prof. Schmid also was selected by the American Society of Mechanical Engineers to receive the 2000 Burt L. Newkirk Award for contributions in the theory and application of tribology.

Andrew J. Sommese, Duncan professor of mathematics, was appointed to the editorial board of the new De Gruyter mathematics journal, Advances in Geometry.

Arvind Varma, Schmitt professor of chemical engineering, received the 2000 Chemical Engineering Lectureship Award from the American Society for Engineering Education (ASEE) at its annual meeting June 20.

Activities

Klaus-Dieter Asmus, professor of chemistry and biochemistry, presented “Reaction of Aliphatic Amino Acids with OH Radicals: Mechanistic Aspects,” “Oxidation of Aliphatic Amino Acid Anions Induced by 4-Carboxybenzophenone Triplets in Aqueous Solution,” “Determination of Rate Constants for OH Radical Reactions in Basic Solution: Introducing the Carbonate Oxidation as a Convenient and Accurate System for Competitive Studies,” and “The OH Radical Induced Oxidation of Methane Sulfonic Acid: The Reaction of Methyl-sulfonyl Radical in the Absence and Presence of Dioxide” at the Gordon Conference on Radiation Chemistry, Plymouth, N.H., June 25-30. Prof. Asmus was chairman of the conference.

Subash C. Basu, professor of chemistry and biochemistry, presented “Apoptosis in Cancer Cells” in the Department of Biochemistry at FuWai Cardiac Hospital, Peking Medical School, Beijing, China, June 23.

John Bentley, associate professional specialist in the Radiation Laboratory, presented “Dissociation of Ozonide in Water” at the Midwest Theoretical Chemistry Conference, Univ. of Iowa, Iowa City, May 26-27.

Theodore Cachey, associate professor of Romance languages and literatures and director of the Devers Program in Dante Studies, presented "Print Culture and the Literature of Travel: The Case of the Book of Islands" in the Seminar of Italian Studies at the Humanities Center, Harvard Univ., March 15; "Dante's Inferno: Instructions for Use" in the College of Arts and Letters' Teachers as Scholars Program, Notre Dame, May 3 and 10; "Il viaggio di Dante tra finzione e verità: ancora su Gerione" at the Seminario Dantesco Internazionale in Florence, Italy, June 10; and "Latin vs. Italian: the Linguistic Crisis of the Early Italian Renaissance" in connection with the exhibit of "Florentine Humanism and the Church Fathers," at the Newberry Library, Chicago, July 15.


J. Michael Crant, associate professor of management, was awarded a grant for $5,870 to support a large-scale research project on intrinsic and extrinsic work motivation. Prof. Crant will be working with T. Batemen on the Mendoza College of Business-funded survey research project.

James T. Cushing, professor of physics, presented "Determinism versus Indeterminism in Quantum Mechanics: A 'Free' Choice" at the Vatican Observatory sponsored con-ference on science and religion (Quantum Physics and Quantum Field Theory) at Castel Gandolfo (Rome), Italy, June 30.

Elizabeth Jane Doering, adjunct assistant professor in the arts and letters core course, presented "The Evolution of 'Revolution' in the Early Writings of Simone Weil" at the American Weil Society XX Annual Colloquy at St. John's College, Santa Fe, N. Mex., April 28.

Georges Enderle, O'Neil professor of international business ethics, was co-chair of the Second World Congress of Business, Economics, and Ethics at the Sao Paulo School of Business Administration F. Getulio Vargas, Sao Paulo, Brazil, on July 19-23, where he presented "A Conceptual Framework for Business Ethics in the Global Context."


Umesh Garg, professor of physics, presented "Lifetime Measurements with Small and Large Detector Arrays" at IUCDAEF-Calcutta Centre, Calcutta, India, June 27; and "Lifetime Measurements in Exotic Nuclei with Evaporation-Residue Tagging" at the Nuclear Science Centre, New Delhi, India, July 3.

James A. Glazier, associate professor of physics, presented "Current Developments in High Rayleigh Number Turbulence" at the Universidade Federal do Rio Grande Do Sul, Porto Alegre, Brazil, July 11; "Cell Migration and Correlated Cell Velocities" at the International Center for Complex Systems and Department of Physics, Universidade Federal do Rio Grande Do Norte, Natal, Brazil, July 17; and "Cell Migration and Correlated Cell Velocities" at the Department of Statistical Physics and Department of Biophysics, Univ. of Sao Paulo, Brazil, July 9.

Denis A. Goulet, O'Neil professor in education, fellow in the Kellogg Institute, and fellow in the Kroec Institute, presented "El desarrollo y sus problemas eticos" at Casa del Tiempo, Universidad Autonoma Metropolitana; sat on the panel for "Mexico: Vision 2010" for the Centro de Estudios Estrateticas Nacionales at the Instituto Politecnico Nacional, June 28; presented "Sustainable Development: Ethical Strategies" to the Second International Society of Business Economics and Ethics World Congress, Sao Paulo, Brazil, July 19-23; and presented "Perspectivas para o Desenvolvimento em um Ambiente Globalizado" to the Faculty of Economics, Administration and Accountancy, Univ. of Sao Paulo, Ribeirão Preto, July 27. He was interviewed on REDE THATI television on "Globalization and Regional Development," July 27; REDE DA FAMILIA television on "Governmental and Business Corruption as Obstacle to Development," July 27, and for Revide magazine on "Development under Globalization," July 28.


Eugene Halton, professor of sociology, presented "Bridging the Gap: Making a New Core Curriculum" at the Annual Meeting of the Society for the Advancement of American Philosophy, Indianapolis, March 10; "At Home with Fantastic Realism" at the International Association for the Fantastic in the Arts, Fort Lauderdale, Fla., March 22-28; "Megatechnic America" at the Midwest Sociological Society Annual Meeting, Chicago, April 20; "Some System Requirements of the Post-Democratic Military-Industrial-

David N. Harley, instructor in history, presented "Transient Afflictions of the Womb: Changing Stories of Hysteria and Related Ailments" at Bodies of Literature, Histories of the Body, Ohio State Univ., Columbus, April 21; "Inventing Jewishness in Elizabethan London" at the American Association for the History of Medicine, Bethesda, May 20; "Medicine, Magic and Religion—Are They Really Different?" at the Society for the Social History of Medicine, Southampton, UK, July 18; "The Present in the Past: Charles Webster and the 17th Century Pre-History of the NHS" at the joint meeting of the History of Science Society, the British Society for the History of Science, and the Canadian Society for the History and Philosophy of Science, August 6.

Peaches M. Henry, assistant professor of English, gave the paper "When the Voiceless Begin to Find a Voice": Truth, Authority, and Power in Minority Autobiography" at the Autobiography and Changing Identities Conference at the University of British Columbia in Vancouver, Canada, July 28.


Yahya C. Kurama, assistant professor of civil engineering and geological sciences, presented "Lateral Load Behavior of Unbonded Post-Tensioned Hybrid Coupled Walls" at the Sixth ASCCS Conference on Steel and Concrete Composite Structures, Los Angeles, March 22-24; visited Turkey between June 12 and July 7 to investigate the earthquakes of August 17 and November 12, 1999 with a team of researchers from Purdue University as a part of an earthquake reconnaissance project funded by the National Science Foundation; and presented "Virtual Laboratories for Reinforced Concrete Education" at the 2000 Professors, Seminar, Engineering and Economics of Reinforced Concrete Buildings, Portland Cement Association, Skokie, Ill., August 7-9.


Jay A. LaVerne, professional specialist, Radiation Laboratory, presented "Radical and Molecular Yields in Hydrocarbon Radiolysis" at the Satellite Symposium on Prospects for Application of Radiation towards the 21st Century, Osaka University, Osaka, Japan, March 10; "Heavy Ion Radiolysis of Organic Materials" at the International Symposium on Prospects for Application of Radiation towards the 21st Century, Waseda University, Waseda, Japan, March 14; "Radiation Chemistry with Heavy Ions" at the National Institute of Radiological Sciences, Chiba, Japan, March 21; chaired a session at the Symposium on Accelerators for use in Radiation Chemistry, University of Tokyo, Tokaimura, Japan, March 20; and presented "Molecular Products in the Radiolysis of Water" at the Gordon Conference on Radiation Chemistry, Plymouth, N.H., June 25-30.


John M. LoSecco, professor of physics, presented "(Mis)Understanding the Atmospheric Neutrino Anomaly," a poster, at the XIX International Conference on Neutrino Physics and Astrophysics, Laurentian University, Sudbury, Ontario, Canada, June 18.

Ralph McInerny, Grace professor of medieval studies, director of the Thomistic Center and professor of philosophy, delivered the keynote address at the Thomistic Conference, Notre Dame, July 14.

James J. McKenna, professor of anthropology, presented "Cosleeping and SIDS" and "Cosleeping in Developmental Perspective" at the Sixth International SIDS Conference, Auckland, New Zealand, February 9-10; "Culture, Cribs, and Infant Sleep: Cribs May be Made for Infants, but Were Infants Made for Cribs?" at the March of Dimes Perinatal Nursing Conference, Chicago, February 14; "Infant and Child Sleep," "Cosleeping and SIDS," "Biology of Infancy," and "Physiology of Cosleeping Mother-Baby Pairs: Results of a NICHD Study" at the Vermont Lactation Consultant Associations meeting, Burlington, Vt., April
13-14; and "Cosleeping, Breast Feeding and SIDS: It's Only Biology" at the opening celebration of the University of Durham, England, Parent-Infant Sleep Laboratory, April 15. He appeared on the BBC Morning Talk Show to discuss sleeping arrangements and culture, Durham, England, April 15; presented "Sleep Lab Pioneers Helping Babies Make It Through the Night" on The Northern Echo (Northeast Co., United Kingdom), April 26; presented "Cosleeping and Breast Feeding" at the Stanford Univ. conference on Baby Food: A Biological Standard of Living for Infants, April 17; and presented "Mother-Infant Cosleeping: More than a Nice Idea" at Stone Aged Babies in a Space Age World International Conference on Infant Studies, Brighton, England, July 16-19.


Kevin M. Misiewicz, associate professor of accountancy, presented "Business Succession Part I" and "Business Succession Part II" at the 23rd Annual American Institute of CPAs Advanced Estate Planning Conference in Boston, Mass., July 24-25.


Rudolph M. Navari, M.D., director, Walther Cancer Institute and professional specialist in preprofessional studies, presented "Delayed Nausea and Vomiting: New Treatment Possibilities" at the Hoosier Oncology Group Spring Meeting, Indiana University School of Medicine, Indianapolis, May 10; co-presented "Patient Decisions Concerning Palliative Care" with C. Stocking and M. Siegler at the American Society of Clinical Oncology's 36th Annual National Meeting, New Orleans, May 22; and co-presented "Do Advanced Cancer Patients Want Hospice Care?" with C. Stocking and M. Siegler at the International Association of Catholic Medical Schools 10th Meeting, Lille, France, June 16.

Guillermo O'Donnell, Kellogg professor of government and international studies, delivered a featured speech on "New Democracies: Challenges and Questions for Political Science" at the plenary session of the World Congress of Political Science, Quebec, August 4.


Kenneth F. Ripple, professor of law, presented "Appealing the Bankruptcy or Commercial Case to the Court of Appeals" at the meeting of the Bankruptcy and Creditors' Rights Section of the Allen County, Ind. Bar, Fort Wayne, July 24.

Jonathan Saperstein, professor of physics, presented "Two Loop Corrections to the Decay Rate of Orthopositronium using NRQED" at the Workshop on Effective Field Theories in Nuclear Physics, Institute for Nuclear Theory, Univ. of Washington, Seattle, July 11.


Mei-Chi Shaw, professor of mathematics, presented "L2 Existence Theorems for the Tangential Cauchy-Riemann Complex on Lipschitz Boundaries" at the Analysis and Geometry in Several Complex Variables meeting, Hong Kong Univ., Hong Kong, May 15 and again at the University of Washington, Seattle, May 28; and presented four talks on "The Cauchy-Riemann Equations and the Tangential Cauchy-Riemann Equations on Nonsmooth Domains" in the Complex Analysis and Geometry Seminar, May 22, May 29, June 5, and June 12.

Donald Sniegowski, associate professor of English, presented "A Solitary Unconnected Thinker: The Letters of Philippa Meadows to Mark Pattison" at the conference on Women's Private Writing/Reading Women's History at the Univ. of New England, Portland, Maine, June 16.

Nancy K. Stanton, professor of mathematics, presented "Real Submanifolds of Complex Space" at the Conference on Stochastic Analysis and Harmonic Analysis at Northwestern University, June 28.

Richard E. Taylor, assistant professor of chemistry and biochemistry, presented "Synthetic Methods for Chemical Diversity Inspired by Natural Products" at the Proctor & Gamble Sixth Annual Organic Colloquium, Cincinnati, July 28.


A. Peter Walshe, professor of government and international studies and fellow in the Kroc Institute, presented "Tropical Africa in Crisis: The Aftermath of Independence" and "South Africa: Confronting the Legacy of Apartheid" and "The New South Africa: Struggling within Africa and the Globalized Economy" at the Ben Gurion Univ. of the Negev, March 26-28.


Publications


June 4, p. 6; and "Mike Royko," a review-essay of *The World of Mike Royko*, by D. Moe, and *One More Time: The Best of Mike Royko*, by M. Royko, published in the *Journal of Illinois History*, vol. 3, Summer, pp. 141-143.


Activities

Alan S. Bigger, director of building services, presented "Little Things Mean a Lot" and "Where's the Beef?" as keynote speaker at the Sixth Annual Custodial Training Expo, Kalamazoo, June 21.

Tim Rippinger, director of development operations, and Donna Adams, director of development technology, co-presented "Technology in the Fund Raising Marketplace" to the Michiana Chapter of the National Society of Fund Raising Executives at the Saint Joseph Medical Center, South Bend, July 25.

Publications

Errata

The following information was omitted from Notre Dame Report, Vol. 29, No. 18.

To Emeritus
James F. White
Theology

Spring Faculty 2000

The following faculty members joined the faculty in the spring 2000 semester and were not included in the faculty listing in Notre Dame Report #4.


IRENE BROWNE, Visiting Associate Professor of Sociology. B.A., University of Santa Cruz, 1979; M.A., Queen's College, 1987; Ph.D., University of Arizona, 1991. (2000)


TIFFANY LIMIN CHEN, Adjunct Instructor in Management. B.S., Nanjing University, 1990; M.S., Louisiana State University, 1993; M.B.A., University of Texas at Austin, 1997. (2000)


CIARAN DRIVER, Adjunct Associate Professor in the MBA London Program. B.A. (Econ), University College, Cork, 1970; M.A., University of Lancaster, 1971; M.S., University of London, 1975. (1999)

CHRISTOPHER J. ECKRICH, Adjunct Assistant Professor of Management. B.A., University of Notre Dame, 1985; M.A., Purdue University, 1990; Ph.D., Purdue University, 1993. (2000)


ROWAN ALLEN GREER, Visiting Professor of Theology. A.B., Yale College, 1956; S.T.B., General Theology Seminary, New York City, 1959; Ph.D., Yale University, 1965. (2000)

JOERG HENKEL, Melcher Visiting Assistant Professor of Computer Science and Engineering. M.S.E.E., Technical University, Germany, 1991; Ph.D., Technical University, Germany, 1996. (2000)

MICHAEL DOUGLAS HILDRETH, Assistant Professor of Physics. A.B., Princeton University, 1988; Ph.D., Stanford University, 1995. (2000)


PAUL J. PERALTA, Adjunct Assistant Professor of Law. B.A., University of Notre Dame, 1979; J.D., University of Notre Dame Law School, 1986. (2000)

ANNE B. PILKINGTON, Adjunct Assistant Professor of Mathematics. B.A., University College Dublin, 1984; M.A., University College Dublin, 1985; Ph. D., University of Notre Dame, 1991. (2000)


Academic Year Calendar
2000-2001

Fall Semester 2000

Aug. 18, Friday
Orientation, enrollment, and registration for new upperclass and graduate students

Orientation and counseling for freshmen

Aug. 21, Monday
Enrollment for all continuing students and freshmen

Aug. 22, Tuesday
Classes begin at 8:00 a.m.

Aug. 30, Wednesday
Last date for all class changes

Sept. 4, Monday
Labor Day — classes are in session

Oct. 13, Friday
Midsemester Deficiency Reports due in Registrar's Office by 3:00 p.m.

Midsemester Break

Oct. 23, Monday
Classes resume at 8:00 a.m.

Oct. 27, Friday
Last day for course discontinuance

Nov. 23-26, Thurs.- Sun.
Thanksgiving holiday

Nov. 27, Monday
Classes resume at 8:00 a.m.

Dec. 6, Wednesday
Last class day

Dec. 7-10, Thurs.- Sun.
Study days (no examinations)

Dec. 11-15, Mon.- Fri.
Final Examinations

Dec. 19, Tuesday
All grades due in the Registrar's Office by 3:00 p.m.

Spring Semester 2001

Jan. 15, Monday
Orientation, enrollment, and registration

Jan. 16, Tuesday
Classes begin at 8:00 a.m.

Jan. 24, Wednesday
Last date for all class changes

Mar. 9, Friday
Midsemester Deficiency Reports due in Registrar's Office by 3:00 p.m.

Mar. 10-18, Sat.- Sun.
Midsemester Break

Mar. 19, Monday
Classes resume at 8:00 a.m.

Mar. 23, Friday
Last day for course discontinuance

Apr. 13-16, Wed.- Fri.
Easter Holiday

Apr. 17, Tuesday
Classes resume at 8:00 a.m.

May 2, Wednesday
Last class day

May 3-6, Thurs.- Sun.
Study days (no examinations)

May 7-11, Mon.- Fri.
Final Examinations

May 15, Tuesday
All grades are due in the Registrar's Office by 3:00 p.m.

May 18-20, Fri.- Sun.
Commencement Weekend

Summer Session 2001

June 18, Monday
Enrollment

June 19, Tuesday
Classes begin at 8:00 a.m.

July 31, Tuesday
Last class day

August 1, Wednesday
Course examinations for all students

August 3, Friday
Commencement
**Notre Dame Report**  
**Publication Schedule**

**Volume 30 - 2000-2001**

#1  
Deadline: Wednesday, August 9, 2000  
Publication Date: Friday, August 25

#2  
Deadline: Wednesday, August 23  
Publication Date: Friday, September 8

#3  
Deadline: Wednesday, September 6  
Publication Date: Friday, September 22

#4  
Deadline: Wednesday, September 20  
Publication Date: Friday, October 13

#5  
Deadline: Wednesday, October 11  
Publication Date: Friday, October 27

#6  
Deadline: Wednesday, October 25  
Publication Date: Friday, November 10

#7  
Deadline: Wednesday, November 8  
Publication Date: Wednesday, November 22

#8  
Deadline: Wednesday, November 22  
Publication Date: Friday, December 8

#9  
Deadline: Wednesday, January 2, 2001  
Publication Date: Friday, January 19

#10  
Deadline: Wednesday, January 17  
Publication Date: Friday, February 2

#11  
 Deadline: Wednesday, January 31  
Publication Date: Friday, February 16

#12  
Deadline: Wednesday, February 14  
Publication Date: Friday, March 2

#13  
Deadline: Wednesday, February 28  
Publication Date: Friday, March 16

#14  
Deadline: Wednesday, March 14  
Publication Date: Friday, March 30

#15  
Deadline: Wednesday, March 28  
Publication Date: Friday, April 13

#16  
Deadline: Wednesday, April 11  
Publication Date: Friday, April 27

#17  
Deadline: Wednesday, April 25  
Publication Date: Friday, May 11

#18  
Deadline: Wednesday, May 16  
Publication Date: Friday, June 8

#19  
Deadline: Wednesday, June 13  
Publication Date: Friday, June 30

#20  
Deadline: Wednesday, July 4  
Publication Date: Friday, July 20

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**Notre Dame Report**  
**Submission Information**

Faculty (all classes: teaching and research faculty, special professional faculty, and librarians and special research faculty) and administrators may submit information to be printed in *Notre Dame Report* to 502 Grace Hall or via e-mail to ndreport.1@nd.edu.

**Faculty and Administrators’ Notes:**

**Appointments** include only those University appointments such as deans, department heads, heads of committees and administrative professionals. This does not include appointments to faculty positions.

**Honors** is comprised of non-University appointments in one’s field and outright honors. It does not include fellowships, grants, etc. Any grants not published in the Awards Received section of the Report will be noted in Activities. Information required for each honor submitted includes: name, rank or title, department, honor, name of organization bestowing honor, city, state and date (if applicable).

**Activities** must be of a professional and public nature (such as invited lectures and papers read) and should be related to one’s work at the University. Lectures given on campus are only acceptable if they are of a special nature and/or if they are presented to a broader audience than the Notre Dame community. Merely attending a meeting is unacceptable. Information required for each activity submitted includes: name, rank or title, department, title of presentation, title of conference or institution, city, state and date. No activities are printed ahead of the date, only after the fact. Activities will not be printed over six months out of date.

**Publications** of books, articles in journals, proceedings or books, as well as reviews are published in *Notre Dame Report*. Information required for a publication in a book or journal includes: name, rank or title, department (for all Notre Dame authors), title of article, name of journal (volume number, issue number, date) or name of book (author, place of publication, publisher, date and total number of pages). Information required for a published or edited book includes: name, rank or title, department (for all Notre Dame authors), book title, place of publication, publisher, date and total number of pages.

**Documentation:**

Meeting minutes from the Graduate Council, Academic Council, Faculty Senate, University Committee on Libraries, Committee on Research and Sponsored Programs, Faculty Board on Athletics and University Committee on Women Faculty and Students are printed in *Notre Dame Report*. These minutes should be sent to 502 Grace Hall or via e-mail to ndreport.1@nd.edu.
Awards Received and Proposals Submitted

In the period July 1, 2000 to July 31, 2000.

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Awards Received

In the period July 1, 2000, through July 31, 2000.

AWARDS FOR RESEARCH

Aerospace and Mechanical Engineering

Eric J. Jumper
High Cycle Fatigue Correction Research
U.S. Air Force Academy
$35,000 12 months

Thomas J. Mueller
Flow Physics for Wings at Very Low Reynolds Numbers
Department of Navy
$15,000 38 months

Steven B. Skaar
Autonomous Robotic Bag Stacking System
Smurfit-Stone
$9,000 12 months

Anthropology

Karen E. Richman
The Protestant Ethic and the Dis-spirit of Vodou
Newberry Library
$16,800 12 months

Biological Sciences

John H. Adams
Molecular Analysis of Apical Organelles of Plasmodium
National Institutes of Health
$284,280 11 months

Scott Donald Bridgham
Environmental Gradients Structuring Peatland Communities
National Science Foundation
$8,0000 59 months

Malcolm J. Fraser
Expression and Mutagenesis of the PiggyBac Transposase
Exelixis Pharmaceuticals, Inc.
$50,000 24 months

Gary A. Lamberti
Effect of Stormwater Filters on Stream Temperature
Saint Joseph County Drainage Board
$17,820 12 months

Joseph Edward O'Tousa
Genetic Analysis of Retinal Degeneration
National Institutes of Health
$69,520 12 months

Joseph Edward O'Tousa
Genetic Analysis of Retinal Degeneration
National Institutes of Health
$208,561 12 months

David William Severson
RFLP Mapping of Plasmodium Refractory Genes in Mosquitoes
National Institutes of Health
$294,080 12 months

JoEllen J. Welsh
Vitamin D Mediated Apoptosis in Mammary Cells
National Institutes of Health
$298,200 12 months

Chemical Engineering

Joan F. Brennecke
GOALI: Design and Evaluation of Room Temperature Ionic Liquids for Green Chemical Processing
National Science Foundation
$155,937 12 months

Joan F. Brennecke
Purification of Extractants by Supercritical Fluid Extraction
PG Research Foundation, Inc.
$24,000 12 months

Joan F. Brennecke
Supercritical CO2 Extraction of Coal Macerals
PG Research Foundation, Inc.
$8,207 12 months

Edward J. Maginn
Experimental and Molecular Modeling Investigations of Binary Adsorption in Zeolites and Functionalized Mesoporous Materials
American Chemical Society
$60,000 24 months

Agnes E. Ostafin
POWRE: Nanoscale Silicate Shells-Chemical and Physical Properties
National Science Foundation
$74,947 18 months

Chemistry and Biochemistry

Seth N. Brown
Grant-in-Aid in the Physical Sciences
Union Carbide
$10,000 12 months
### Civil Engineering and Geological Sciences

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<td>Sharon Hammes-Schiffer</td>
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<td>Camille &amp; Henry Dreyfus Foundation</td>
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<td>Simulation of Proton and Hydride Transfer in Enzymes</td>
<td>National Institutes of Health</td>
<td>$64,912</td>
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<td>Paul Helquist</td>
<td>Chemical Compounds Agreement</td>
<td>Beacon Laboratories, Inc.</td>
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### Computer Science & Engineering

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<tbody>
<tr>
<td>William G. Gray</td>
<td>Thermodynamically Constrained Models for Multiphase Systems</td>
<td>National Science Foundation</td>
<td>$50,654</td>
<td>24 months</td>
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<tr>
<td>Vincent W. Freeh</td>
<td>Effectively Managing Transient Peak Loads in Web Servers</td>
<td>International Business Machines</td>
<td>$40,000</td>
<td>12 months</td>
</tr>
<tr>
<td>Peter M. Kogge</td>
<td>Morphable Computer Architectures for Highly Energy Aware Systems</td>
<td>Air Force Research Lab/ARPA</td>
<td>$274,176</td>
<td>24 months</td>
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### Electrical Engineering

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alan C. Seabaugh</td>
<td>Silicon Tunnel Diode Integrated Circuit</td>
<td>NAVY/SPAWAR/DARPA</td>
<td>$158,967</td>
<td>12 months</td>
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</tbody>
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### Government and International Studies

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scott P. Mainwaring</td>
<td>Democracy in Latin America, 1945-1998</td>
<td>J.S. Guggenheim Memorial Foundation</td>
<td>$34,000</td>
<td>12 months</td>
</tr>
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### Mathematics

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samuel R. Evens</td>
<td>Geometry and Representations of Reductive Groups</td>
<td>National Science Foundation</td>
<td>$25,000</td>
<td>29 months</td>
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### Office of the Provost

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Nathan O. Hatch</td>
<td>The Christian Scholars Program</td>
<td>Pew Charitable Trust</td>
<td>$3,200,000</td>
<td>37 months</td>
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### Physics

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<tr>
<th>Name</th>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert-Laszlo Barabasi</td>
<td>Driven Interfaces in Random Media</td>
<td>National Science Foundation</td>
<td>$51,000</td>
<td>48 months</td>
</tr>
<tr>
<td>David P. Bennett</td>
<td>The Microlensing Planet Search Project</td>
<td>National Aeronautics and Space Administration</td>
<td>$45,000</td>
<td>12 months</td>
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</tbody>
</table>

### Preprofessional Studies

<table>
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<tr>
<th>Name</th>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Rudolph M. Navari</td>
<td>Health Assessment Project</td>
<td>Maclean-Fogg Company</td>
<td>$4,000</td>
<td>36 months</td>
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### Psychology

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Lee West</td>
<td>The Neural Foundation of Prospective Memory</td>
<td>American Federation for Aging Research</td>
<td>$48,978</td>
<td>12 months</td>
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### The Graduate School (Other)

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthony K. Hyder</td>
<td>NATO Advanced Studies Institute on Multisensor Data Fusion Conference</td>
<td>Department of Navy</td>
<td>$15,000</td>
<td>12 months</td>
</tr>
</tbody>
</table>
## Theology

**Eugene Charles Ulrich**  
The Publication of Four Volumes of Dead Sea Scrolls  
Oxford Centre Hebrew Studies  
$5,000  
25 months

### AWARDS FOR INSTRUCTIONAL PROGRAMS

**Upward Bound**

**Dorine Blake-Smith**  
Upward Bound  
Department of Education  
$1,144  
12 months

### AWARDS FOR OTHER PROGRAMS

**Chemistry and Biochemistry**

**Karen M. Morris**  
K-12 Science Curriculum Dissemination Center  
Education Development Center, Inc.  
$25,000  
21 months

## Proposals Submitted

In the period July 1, 2000, through July 31, 2000.

### PROPOSALS FOR RESEARCH

**Aerospace and Mechanical Engineering**

**Eric J. Jumper**  
Using Off-the-shelf Turbomachine Unsteady Aero Codes for the Development of Unsteady Disturbance Guidelines  
Advanced Gas Turbine Systems Research  
$151,849  
24 months

**Eric J. Jumper**  
High Cycle Fatigue Correction Research  
U.S. Air Force Academy  
$35,000  
12 months

**Samuel Paolucci**  
A Multidimensional Wavelet/Manifold Method for Combustion Modeling  
Department of the Air Force  
$264,758  
24 months

**Steven B. Skaar**  
Autonomous Multiple-Robot Block-Structure Assembly  
National Aeronautics and Space Administration  
$1,000,000  
36 months

**Biological Sciences**

**Sunny K. Boyd**  
Neuropeptide Modulation of a Vocal Motor Pathway  
National Science Foundation  
$331,331  
36 months

**Crislyn D'Souza-Schorey**  
Regulation of ARF6-mediated Membrane Recycling  
National Science Foundation  
$546,752  
48 months

**David M. Lodge**  
Predicting the Identity and Impact of Nonindigenous Species in the Great Lakes  
Environmental Protection Agency  
$450,000  
36 months

**Jeffrey S. Schorey**  
Methodology for the Genetic Transformation of M. leprae  
The British Leprosy Relief Association  
$38,800  
12 months

**Chemical Engineering**

**Joan F. Brennecke**  
Purification of Extractants by Supercritical Fluid Extraction  
PG Research Foundation, Inc.  
$78,182  
12 months

**Joan F. Brennecke**  
Supercritical CO2 Extraction of Coal Macerals  
PG Research Foundation, Inc.  
$8,207  
12 months

**Joan F. Brennecke**  
Supercritical Extraction of Model Adsorbates  
UOP Research Center  
$24,999  
12 months

**Hsueh-Chia Chang**  
Nanoscale Patterning  
National Science Foundation  
$267,576  
36 months

**Agnes E. Ostafin**  
Chemical Processes in Charged Nano-Scale Silicate Shells  
American Chemical Society  
$25,000  
24 months

**Chemistry and Biochemistry**

**J. D. Gezelter**  
Dynamics of Model Biological Membranes and Glass Formation in Liquid Metals  
National Science Foundation  
$541,008  
60 months
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Institution</th>
<th>Funding Body</th>
<th>Funding Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Characterization of a Novel Head-Stalk Protein Associated with Axoneme Structures in Giardia Lamblia</td>
<td>Georgetown University</td>
<td>National Science Foundation</td>
<td>$79,998</td>
<td>48 months</td>
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<tr>
<td>Electron Transfer Induced Reactions of Strained Systems</td>
<td>Volkswagen-Stiftung</td>
<td>Volkswagen-Stiftung</td>
<td>$122,505</td>
<td>36 months</td>
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<tr>
<td>Multidisciplinary Traineeship Program in Environmental Geosciences</td>
<td>National Science Foundation</td>
<td>National Science Foundation</td>
<td>$2,699,999</td>
<td>60 months</td>
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<tr>
<td>IGERT - Small Community Water Systems</td>
<td>National Science Foundation</td>
<td>National Science Foundation</td>
<td>$2,650,808</td>
<td>60 months</td>
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<tr>
<td>CAREER: Parallel Multiscale Algorithms and Problem-Solving Environments for Drug Design, Protein Folding, and Molecular Modeling</td>
<td>National Science Foundation</td>
<td>National Science Foundation</td>
<td>$382,817</td>
<td>60 months</td>
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<tr>
<td>Discretionary Income Poverty Among American Workers</td>
<td>The Conference Board</td>
<td>The Conference Board</td>
<td>$136,082</td>
<td>24 months</td>
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<tr>
<td>Feedback Control Through Heterogeneous Wireless Packet Networks</td>
<td>Department of Army</td>
<td>Department of Army</td>
<td>$247,573</td>
<td>36 months</td>
</tr>
<tr>
<td>Fabrication and Testing of III-V HEMTs and HBTsAwards</td>
<td>MicroLink Devices</td>
<td>MicroLink Devices</td>
<td>$65,039</td>
<td>6 months</td>
</tr>
<tr>
<td>Dynamic Reconfiguration of Robotic Colonies</td>
<td>National Aeronautics and Space Administration</td>
<td>National Aeronautics and Space Administration</td>
<td>$392,703</td>
<td>36 months</td>
</tr>
<tr>
<td>Tunnel Diode IC</td>
<td>Semiconductor Research Corporation</td>
<td>National Science Foundation</td>
<td>$784,302</td>
<td>36 months</td>
</tr>
<tr>
<td>Tunnelling-Based Static Random Access Memory</td>
<td>Intel Corporation</td>
<td>National Science Foundation</td>
<td>$223,198</td>
<td>36 months</td>
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<tr>
<td>Time Lag: Thinking History in a Digital World</td>
<td>Council International Exchange Scholars</td>
<td>Council International Exchange Scholars</td>
<td>$30,000</td>
<td>12 months</td>
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<tr>
<td>Constructing a Cultural Identity: Religion and National Memory in Early Modern Bohemia</td>
<td>Council International Exchange Scholars</td>
<td>Council International Exchange Scholars</td>
<td>$25,992</td>
<td>9 months</td>
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<tr>
<td>Graduate Education on the Quality of Democracy</td>
<td>National Science Foundation</td>
<td>National Science Foundation</td>
<td>$1,988,368</td>
<td>60 months</td>
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<tr>
<td>Discretionary Income Poverty Among American Workers</td>
<td>The Conference Board</td>
<td>The Conference Board</td>
<td>$228,940</td>
<td>36 months</td>
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<tr>
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<td>Department of Army</td>
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</tr>
<tr>
<td>Tunnelling-Based Static Random Access Memory</td>
<td>Intel Corporation</td>
<td>National Science Foundation</td>
<td>$223,198</td>
<td>36 months</td>
</tr>
<tr>
<td>Income Inequality, Economic Segregation, Neighborhood Attributes, and the Health and Health Care Utilization of Children in the USA</td>
<td>Robert Wood Johnson Foundation</td>
<td>Robert Wood Johnson Foundation</td>
<td>$228,940</td>
<td>36 months</td>
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<tr>
<td>A Partnership for Superconducting Electronics Innovation</td>
<td>National Science Foundation</td>
<td>National Science Foundation</td>
<td>$599,392</td>
<td>24 months</td>
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<tr>
<td>Support for Brookhaven Experiment E-852</td>
<td>Brookhaven National Laboratory</td>
<td>Brookhaven National Laboratory</td>
<td>$77,480</td>
<td>12 months</td>
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</table>
Michael D. Hildreth
A Level 1 Stereo Track Processor for the DZero Experiment
National Science Foundation
$776,555 60 months

Sun Hong Rhie
Gravitational Microlensing From Space
National Aeronautics and Space Administration
$271,366 36 months

Psychology
Bradley S. Gibson
A New Look at Contingent Capture
National Science Foundation
$292,492 36 months

Anita E. Kelly
Why Do Public Self-Presentations Lead to Changes in Private Self-Conceptions?
National Science Foundation
$501,780 60 months

Theology
Hugh R. Page
Cultural Concordance of Ancient Near Eastern Literature
National Endowment for the Humanities
$243,335 36 months

Gregory E. Sterling
Residential Research Fellowship
Hebrew University of Jerusalem
$36,000 9 months

Walther Cancer Institute
Rudolph M. Navari
Collaborative Cancer Research Program
Walther Cancer Institute
$216,000 24 months

PROPOSAL FOR INSTRUCTIONAL PROGRAM

College of Arts and Letters
Julia V. Douthwaite
Teachers as Scholars Program
Woodrow Wilson National Fellowship Foundation
$11,500 24 months
Volume 30, Number 1
August 25, 2000

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Kate Russell, Editor
Meghan Hurley Publications Assistant
Publications and Graphic Services
502 Grace Hall
Notre Dame, IN 46556-5612
(219) 631-4633
e-mail: ndreport1@nd.edu

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