The University

331 McKenna to Receive Laetare Medal
331 Mendoza Gift Largest in Notre Dame History

Faculty Notes

332 Honors
332 Activities
334 Publications

Research

337 Awards Received and Proposals Submitted
338 Awards Received
   March 2000
340 Proposals Submitted
   March 2000
McKenna to Receive Laetare Medal

Andrew J. McKenna, chairman of the University’s Board of Trustees, has been awarded the Laetare Medal for the year 2000. McKenna will receive the medal, the oldest and most prestigious honor given to American Catholics, during the University’s 155th Commencement exercises on May 21.

A 1951 Notre Dame graduate in business administration and marketing, McKenna was elected a University Trustee in 1980 and has chaired the board since 1992. He also is one of the 12 Fellows of the University, the governing body that elects trustees, adopts and amends the bylaws and specifically is charged with maintaining Notre Dame’s Catholic character. He was vice chairman of the board from 1986-92 and was awarded an honorary doctor of laws degree by Notre Dame in 1989.

He will become chairman emeritus of the board in May in observance of its mandatory retirement policy.

The Center for Continuing Education at Notre Dame was named McKenna Hall in 1998 in recognition of McKenna and his wife, Joan, for having made the largest single gift for student scholarships in the history of the University. One of the most architecturally distinguished buildings on campus, McKenna Hall is Notre Dame’s primary conference facility and also, fittingly, the building where the Board of Trustees meets on campus.

Mendoza Gift Largest in Notre Dame History

The largest single gift in the history of the University — $35 million from 1973 alumnus Thomas F. Mendoza and his wife, Kathy — will be directed to the College of Business and include the naming of the college in honor of the Mendoza family.

The Mendozas’ gift is a component of Notre Dame’s “Generations” capital campaign, the most successful fund-raising effort in the history of Catholic higher education. With nine months remaining until its conclusion, the campaign now has raised more than $900 million — significantly exceeding its $767-million goal.

Tom and Kathy Mendoza have more than 20 years of experience in the computer industry and they both have played significant roles in the success of Network Appliance (NetApp), the leading provider of network attached data access and management solutions. NetApp was ranked as the fourth fastest growing company by Fortune magazine in 1999 and is a member of both the S&P 500 and the Nasdaq 100.

Tom joined NetApp in May 1994. Initially responsible for North American sales, he became the senior vice president of worldwide sales in 1996 and today is the senior vice president of sales and marketing. In addition to his bachelor’s degree in economics from Notre Dame, he has completed Stanford University’s Executive Program. For the past three years he has been a guest speaker at the Stanford Graduate School of Business.

Kathy joined NetApp in February 1994. After four years of managing one of NetApp’s most successful regions in North America, she was promoted to director of worldwide Internet sales and today is the senior director of worldwide strategic alliances. Kathy is the founder of Angel Food Partners, a partnership that invests in and promotes start-up high technology firms in Silicon Valley. Kathy, who earned a bachelor’s degree in journalism and mass communications from the University of Oklahoma, has agreed to serve on the advisory council for the Mendoza College of Business.
Honors

Umesh Garg, professor of physics, has been appointed to the International Advisory Board of the International Symposium of Exotic Nuclear Structures (ENS2000) to be held May 15-20 at Debrecen, Hungary.

Xiaobo Liu, associate professor of mathematics, was awarded a two-year research fellowship from the Alfred P. Sloan Foundation.

Juan E. Mendez, professor of law and director of the Center for Civil and Human Rights, was nominated to an international advisory board of the International Center for Human Rights and Democratic Development, a Canadian governmental body in November. He began his term in March.

Jean Porter, professor of theology, was awarded an ISLA summer research grant for the project "Virtue and Sin: Medieval Moral Thought and Its Relevance Today."

Activities

John H. Adams, associate professor of biological sciences, presented "Erythrocyte Invasion and Adhesion Molecules of Malaria Mesozoites" at the Chicago Area Molecular Parasitology seminar at Northwestern University School of Medicine in Chicago, Ill., Dec. 9.

Eleni Bastéa, visiting associate professor of architecture, presented "Dimitris Pikionis and Sedad Eldem: Parallel Interpretations of Modern Architecture in Greece and Turkey" to the annual national meeting of the Association of Collegiate Schools of Architecture in Los Angeles, Calif., Mar. 12.


Seth Brown, assistant professor of chemistry and biochemistry, presented "Electronic Effects on Oxygen and Nitrogen Atoms Transfer Reactions" at the University of Pennsylvania, Philadelphia, and the University of Delaware, Newark, Feb. 8-13.

Norman Crowe, professor of architecture, delivered the paper "Il Decline della Memoria Condivista in Architecture e Urbanistica/The Waning of Embodied Memory in Architecture and the City" at the conference L'Altra Modernità/The Other Modern Conference in Bologna, Italy, Mar. 10. He authored the paper "The Hidden Influence of Historical Scholarship on Design in Architecture and Urban Design," which was presented in his absence by Eleni Bastéa, visiting associate professor of architecture, to the annual meeting of the Association of Collegiate Schools of Architecture, in Los Angeles, Calif., Mar. 12. He participated as a guest design critic in student architectural design evaluation reviews at the Technical University of Ferrara, Italy, Mar. 14.

Dennis Doordan, associate professor of architecture, presented "Designing the Fascist State" at the Martin D'Arcy Museum of Art at Loyola University, Chicago, Ill., Feb. 23. He presented "Past, Present and Future in 20th Century Italian Architecture and Design" at the Wolfsonian Museum of Art and Design of Florida International University, Miami Beach, Mar. 2.

Rev. Patrick D. Gaffney, C.S.C., acting director of the Mediterranean/Middle East Studies Program, chairperson and associate professor of anthropology and fellow in the Joan B. Kroc Institute for International Peace Studies, led a series of workshops on conflict resolution and peace-making in Kinshasa, Democratic Republic of Congo. While in Kinshasa, he gave two lectures, "La Transformation du Conflit à la Recherche de la Paix Durable" at the American Cultural Center Oct. 20, and "Comment l'Anthropologie contemporaine peut s'approcher de la réconciliation en Afrique" at the University of Kinshasa Oct. 24. He gave
for the Congo: The Convergence of Opportunity and Pressure after the Lusaka Accords" at the Kroc Institute for International Peace Studies at Notre Dame Nov. 4.

James A. Glazier, associate professor of physics, presented "How Cells Know Where to Go" for the department of physics at Emory University, Atlanta, Ga., Feb. 4; for the department of biology at New York University Feb. 10; and for the department of physics at the University of South Florida, Tampa, Mar. 24. He also presented "Foams in Two and Three Dimensions" for the department of physics at New York University Feb. 10. He presented "High Rayleigh Number Convection in Liquid Mercury" at a Workshop on Turbulent Convections held at the Institute of Theoretical Physics, University of California at Santa Barbara, Mar. 31.

J. Philip Gleason, professor emeritus of history, gave the seminar "American Catholicism in the Twentieth Century" and the lecture "Through Many Toils: Catholic Higher Education in the United States," as Chester M. Alter Distinguished Visiting Professor at Regis University, Denver, Colo., Feb. 1. He led administrators and faculty members in discussions of Catholic higher education at Regis University Feb. 21 and Apr. 3.


Rev. Ernan McMullin, O'Hara Professor Emeritus of Philosophy, gave the opening address, "The quest for consonance," at a symposium on "Science and Religion" at Ohio State University, Columbus, May 2. He lectured on "Origins of the field concept in physics" at the Seven Pines, Wis., Symposium on Field Theory May 5. He gave a Templeton lecture on "Evolution as Christian theme" at Seattle University May 20. He presented "The darkening of the glass: Science and Specialization in the Christian tradition" at a conference on "Science and Secularization" in Tel Aviv and Jerusalem May 29. He spoke on "Life and intelligence far from earth" at a conference on the History of Astronomy at Notre Dame July 1. As opening speaker at the Oxford Templeton Workshop on Science and Religion, his topics were "The seeds of natural science" and "Changing concepts on Science" July 19-20. At a symposium on philosophy of science in the 20th century at the International Congress of Logic, Methodology and Philosophy of Sciences in Cracow, he spoke on "Philosophy of science, 1950-2000: The parting of the ways" Aug. 21. He presented "Galileo on science and Scripture" at St. John's College, Santa Fe, N.Mex., Sept. 10. He was the opening speaker in the annual lecture series at the Department of History and Philosophy of Science at the University of Pittsburgh, Pa., on 'Newton's place in the history of the philosophy of science" Oct. 1. Father McMullin took part in a conference on "Religious Anthropology" at Peking University (Beijing), presenting "Evolution and the Bible" Oct. 21. He spoke at the annual convention of the American Catholic Philosophical Association on "Imagination, insight, and inference" in St. Paul Minnesota Nov. 6.

Rev. Don McNeill, C.S.C., professional specialist and executive director of the Center for Social Concerns and concurrent associate professor of theology, presented the conference "El Sentido de las Perdidas y Cambios en la Vida con la Espiritualidad de Henry Nouwen" (The Meaning of Losses and Changes in Life with the Spirituality of Henri Nouwen) at LaFundacion y el Instituto Profesional Hogar Catequistico in Santiago, Chile, Mar. 15.

Juan E. Mendez, professor of law and director of the Center for Civil and Human Rights, presented a paper on the attributes of the Inter-American Commission on Human Rights to conduct on-site visits and to publish country reports on the situation of human rights and taught on the Inter-American Commission and its jurisprudence at a training seminar for protection officers of the Office of the United Nations High Commissioner for Refugees at a
series of events held to commemorate the 36th anniversary of the American Convention on Human Rights and the 20th anniversary of the Inter-American Court on Human Rights, San Jose, Costa Rica, Nov. 21-26. He delivered a paper on trends and tactics of international development agencies and foundations, with an emphasis on Latin America, to a Donors Conference on international cooperation in Brussels, Belgium, Jan. 20-21. He participated in the seminar "Forgiveness and the Law" and delivered a paper on the policies of truth and reconciliation at the Fordham University Law School, New York, N.Y., Jan. 28.


J. Kerry Thomas, Julius A. Nieuwland professor of chemistry and biochemistry, presented "Radiation Induced Reactions in Zeolites, Clusters within Clusters" at the Almgren Symposium on Colloids, Uppsala, Sweden, Feb. 23-26.

Olaf Wiest, assistant professor of chemistry and biochemistry, presented "Mechanism and Models of DNA Photolyase" and "Pericyclic Reactions of Radical Cations" at Georgia Tech University, Atlanta, Feb. 15, University of Georgia, Athens, Feb. 16, and Emory University, Atlanta, Feb. 17. He presented "Mechanisms and Models of DNA Photolyase" at the Universities of California, San Diego, Irvine, and Los Angeles, March 13-17.

**Publications**


Arnim Henglein, visiting professor in the radiation laboratory, authored "Preparation and optical absorption spectra of Au\text{core}Pt\text{shell} and P\text{core}Au\text{shell} colloidal nanoparticles in aqueous solution," published in the *Journal of Physical Chemistry B*, vol. 104, no. 10, 2000, pp. 2201-2203.


Awards Received and Proposals Submitted

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

<table>
<thead>
<tr>
<th>Category</th>
<th>AWARDS RECEIVED</th>
<th>PROPOSALS SUBMITTED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
<td>Amount</td>
</tr>
<tr>
<td>Research</td>
<td>30</td>
<td>$2,488,060</td>
</tr>
<tr>
<td>Facilities and Equipment</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Instructional Programs</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Service Programs</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other Programs</td>
<td>3</td>
<td>30,654</td>
</tr>
<tr>
<td>Total</td>
<td>33</td>
<td>$2,518,714</td>
</tr>
</tbody>
</table>
Awards Received

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

AWARDS FOR RESEARCH

Aerospace and Mechanical Engineering

Hafiz M. Atassi
Hydrodynamics and Acoustics of Rotor Blades in Nonuniform Inflow Conditions
Department of Navy
$30,000 24 months

John Eldon Renaud and Stephen Marc Batill
REU: Simulation Uncertainty in Multidisciplinary Design
National Science Foundation
$10,000 24 months

John Eldon Renaud
REU Supplement—NSF-NYI
National Science Foundation
$10,000 72 months

Anthropology

Susan G. Sheridan
Byzantine St. Stephen’s: Reconstructing Life in Antiquity from a Biocultural Perspective
W.F. Albright Institute of Archaeological Research
$17,000 12 months

Biological Sciences

Crislyn D’Souza-Schorey
Regulation of Huntingtin Transport in Hereditary Disease Foundation
$106,790 12 months

Paul R. Grimstad
Arbovirus Surveillance Laboratory Service
Indiana State Department of Health
$32,682 12 months

David William Severson
Mapping of Filarial Vector Competence in Aedes Aegypti
Colorado State University
$97,025 34 months

Institute for Latino Studies

Gilberto Cardenas
IUPPR Latino HIV/AIDS Education and Promotion Project
Health and Human Services
$149,512 36 months

Center for the Study of Contemporary Society

Grace Dawson and John Santos
Funding Education/Training of Geriatric-Care Personnel
Retirement Research Foundation
$18,700 19 months

Chemical Engineering

Joan Frances Brennecke
Ionic and Free Radical Reactions in Supercritical Water
Department of Army
$6,033 36 months

Arvind Varma
Kinetics and Mechanisms of Rapid Heterogeneous Reactions During Combustion Synthesis
National Science Foundation
$98,000 24 months

Arvind Varma
Mechanistic Studies in Combustion Synthesis of Materials
National Aeronautics and Space Administration
$40,000 48 months

Arvind Varma
Mechanistic Studies in Combustion Synthesis of Materials
National Aeronautics and Space Administration
$27,500 48 months

Arvind Varma
Mechanistic Studies in Combustion Synthesis of Materials
National Aeronautics and Space Administration
$0 48 months

Chemistry and Biochemistry

Thomas P. Fehlner
Systematic Metallaborane Chemistry
National Science Foundation
$140,000 12 months

Marya Lieberman
Research Experience for Undergraduates—Nanoscale Chemistry at Notre Dame
National Science Foundation
$63,336 12 months

Marvin J. Miller
Drugs and Delivery Systems for Opportunistic Infections
National Institutes of Health
$285,560 24 months

Victoria A. Ploplis
Pathological Consequences of the Plasminogen System
National Institutes of Health
$309,581 12 months
<table>
<thead>
<tr>
<th>Research Area</th>
<th>Investigator(s)</th>
<th>Title</th>
<th>Funding Agency, Agency Code</th>
<th>Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemistry</strong></td>
<td>Slavi Christov Sevov</td>
<td>Synthesis, Structure and Properties of Metal Borophosphates</td>
<td>National Science Foundation</td>
<td>$65,000</td>
<td>47 months</td>
</tr>
<tr>
<td></td>
<td>Richard Edmund Taylor</td>
<td>Conformation-Activity Relationships</td>
<td>National Institutes of Health</td>
<td>$167,438</td>
<td>12 months</td>
</tr>
<tr>
<td><strong>Civil Engineering and Geological Sciences</strong></td>
<td>William G. Gray and Robert L. Irvine</td>
<td>GAANN for Computational Geology</td>
<td>Department of Education</td>
<td>$102,000</td>
<td>12 months</td>
</tr>
<tr>
<td></td>
<td>Lloyd H. Ketchum</td>
<td>An Educational Center for Students and Treatment Plant Personnel</td>
<td>City of Elkhart</td>
<td>$91,248</td>
<td>12 months</td>
</tr>
<tr>
<td></td>
<td>Joannes J. Westerink</td>
<td>ADCIRC Hydrodynamic Circulation and Transport Code Development</td>
<td>Department of the Army</td>
<td>$508,070</td>
<td>48 months</td>
</tr>
<tr>
<td><strong>Computer Science and Engineering</strong></td>
<td>Peter M. Kogge</td>
<td>HTMT PIM System's Design</td>
<td>Jet Propulsion Laboratory</td>
<td>$100,000</td>
<td>14 months</td>
</tr>
<tr>
<td></td>
<td>Andrew Lumsdaine</td>
<td>High Performance Software Components for Scientific Computing</td>
<td>National Science Foundation</td>
<td>$288,495</td>
<td>36 months</td>
</tr>
<tr>
<td></td>
<td>Hsing-Mean Sha</td>
<td>Communication Bandwidth Reduce Techniques &amp; IP Video Phone</td>
<td>AT&amp;T</td>
<td>$25,000</td>
<td>21 months</td>
</tr>
<tr>
<td><strong>East Asian Languages and Literatures</strong></td>
<td>Xiaoshan Yang</td>
<td>The Urban Garden in Tang-Song Poetry</td>
<td>National Endowment for the Humanities</td>
<td>$30,000</td>
<td>12 months</td>
</tr>
<tr>
<td><strong>Laboratory for Social Research</strong></td>
<td>Felicia B. Le Clere</td>
<td>Residential Enclaves and Health</td>
<td>National Institutes of Health</td>
<td>$68,119</td>
<td>12 months</td>
</tr>
<tr>
<td><strong>Psychology</strong></td>
<td>Laura Carlson Radvansky</td>
<td>Interpreting Spatial Relations</td>
<td>National Science Foundation</td>
<td>$54,483</td>
<td>36 months</td>
</tr>
<tr>
<td><strong>Radiation Laboratory</strong></td>
<td>Jay A. LaVerne</td>
<td>Radiation Chemistry and Microdosimetry in Plutonium Storage Environments</td>
<td>Los Alamos National Laboratory</td>
<td>$40,825</td>
<td>7 months</td>
</tr>
<tr>
<td><strong>Theology</strong></td>
<td>Eugene Charles Ulrich and James Claire VanderKam</td>
<td>The Publication of Four Volumes of Dead Sea Scrolls</td>
<td>Dead Sea Scrolls Foundation</td>
<td>$13,433</td>
<td>74 months</td>
</tr>
<tr>
<td><strong>AWARDS FOR OTHER PROGRAMS</strong></td>
<td>Peter Diffley</td>
<td>Fellowship for Christine Caldwell</td>
<td>Dolores Zohrab Liebmann Fund</td>
<td>$10,218</td>
<td>24 months</td>
</tr>
<tr>
<td><strong>The Graduate School (Other)</strong></td>
<td>Peter Diffley</td>
<td>Fellowship for Margaret Watkins-Tate</td>
<td>Dolores Zohrab Liebmann Fund</td>
<td>$10,218</td>
<td>24 months</td>
</tr>
<tr>
<td></td>
<td>Peter Diffley</td>
<td>Fellowship for Joseph Doerr</td>
<td>Dolores Zohrab Liebmann Fund</td>
<td>$10,218</td>
<td>24 months</td>
</tr>
</tbody>
</table>
Proposals Submitted

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

PROPOSALS FOR RESEARCH

Aerospace and Mechanical Engineering

Mihir Sen, Panos J. Antsaklis, Michael D. Lemmon, Kwang-Tzu Yang
Intelligent Distribution of Heating and Cooling Fluids
National Science Foundation
$126,015 12 months

Steven B. Skaar
Development of a Robotic Bag Stacking System
Smurfit-Stone
$9,000 3 months

Flint O. Thomas, Robert C. Nelson
Unsteady Aspects of High-Lift Flows
National Aeronautics and Space Administration
$57,582 12 months

Biological Sciences

Frank H. Collins
Gene Expression Analysis Instrumentation System
National Institutes of Health
$356,510 12 months

Crislyn D'Souza-Schorey
Regulation of Huntington Transport
Hereditary Disease Foundation
$104,190 12 months

Crislyn D'Souza-Schorey
Regulation of Cytoskeletal Remodeling and Cell Invasion
American Cancer Society
$970,550 12 months

David R. Hyde, Thomas S. Vihtelic
Genetic Analysis of Neuronal Regeneration in Zebrafish
Johnson & Johnson
$262,260 36 months

Charles F. Kulpa, Mark A. Schneegurt, Scott D. Bridgham
Microbial Community Structure, Carbon Quality, and pH on Anaerobic Carbon Cycling in Peatlands
National Science Foundation
$995,899 48 months

David M. Lodge
Biocomplexity-Incubation Activity: Risk Assessment of Nonindigenous Species
National Science Foundation
$99,934 24 months

Martin Tenniswood
Genesis of the Invasive Phenotype in Prostate Cancer
Runyon-Walter Foundation
$125,500 36 months

Center for Transgene Research

Francis J. Castellino, Victoria A. Ploplis, Elliot D. Rosen
Establishment of Indiana Center for Hemostasis
21st Century Research & Technology Fund
$1,992,592 24 months

Chemical Engineering

Joan F. Brennecke, Mark A. Stadtherr
Environmentally Benign Solvents for Pharmaceutical Processing
21st Century Research & Technology Fund
$226,483 24 months

Joan F. Brennecke, Edward J. Maginn
GOAL: Design and Evaluation of Room Temperature Ionic Liquids for Green Chemical Processing
National Science Foundation
$681,355 36 months

Paul J. McGinn, Howard A. Blackstead
Combinatorial Synthesis of Microwave Ceramics
21st Century Research & Technology Fund
$541,421 24 months

William C. Strieder
Carbon Composites
Honeywell Aircraft Landing Systems
$235,797 24 months

Chemistry and Biochemistry

Sharon Hammes-Schiffer
Simulation of Proton and Hydride Transfer in Enzymes
National Institutes of Health
$155,788 12 months

Marvin J. Miller
Bioactive Molecules & New Therapeutic Agents from Acylnitroso-Derived Diels-Alder Cycloadduct Scaffolds: Parallel Approach
21st Century Research & Technology Fund
$602,959 24 months
Bradley D. Smith
Rationally Designed Promoters and Inhibitors of Membrane Fusion
National Institutes of Health
$157,906 12 months

Civil Engineering and Geological Sciences

Peter C. Burns
Renewal of Direct Investigations of the Immobilization of Radionuclides in the Alteration Products of Spent Nuclear Fuel
Department of Energy
$1,020,771 36 months

Jeremy B. Fein
Metal Adsorption onto Hyperthermophiles
Department of Energy
$4,500 3 months

William G. Gray
On the Inclusion of the Interfacial Area Between Phases in the Physical and Mathematical Description of Subsurface Multiphase Flow
Department of Energy
$972,986 36 months

Ahsan Kareem
Full-Scale Study of the Behavior of Tall Buildings Under Winds
National Science Foundation
$331,400 36 months

Stephen E. Silliman
Influence of Land Use on Groundwater Flow/Transport
U.S. Geological Survey
$166,372 36 months

Billie F. Spencer
Java-Based Virtual Laboratory
Research Foundation of SUNY
$35,000 12 months

College of Science

Morris Pollard
Development and Use of a Model of Spontaneous Prostate-Related Cancer
National Institutes of Health
$74,500 12 months

Computer Science and Engineering

Jesus A. Izaguirre
Internet Data Management and E-commerce Applications
Purdue University
$149,732 24 months

Electrical Engineering

Gary H. Bernstein, Alan C. Seabaugh, Gregory L. Snider, Jay B. Brockman, Patrick J. Fay, Oliver M. Collins, Marya Lieberman, Mohamed Gad-el-Hak
Development of a Microfluidics-Based Monitoring System
21st Century Research & Technology Fund
$1,670,536 24 months

Daniel J. Costello
Turbo Coding for Mobile Channels
Motorola
$19,577 0 months

Patrick J. Fay, Gregory L. Snider
A New Approach to High-Speed Measurement of Quantum Cellular Automata
National Science Foundation
$374,658 36 months

Alan C. Seabaugh
Silicon Tunnel Diode Integrated Circuit
DARPA
$158,967 12 months

Robert L. Stevenson
Video Over The Internet
Purdue University
$114,594 24 months

Freimann Life Science Center

Mark A. Suckow
Influence of Lycopene on Prostate Cancer
National Institutes of Health
$74,500 12 months

Nano Science and Technology Center

Wolfgang Porod, Craig S. Lent
Molecular Quantum-Dot Cellular Automata
DARPA
$1,826,000 24 months

Alan C. Seabaugh, David T. Leighton, Hsueh-Chia Chang, Gary H. Bernstein, Agnes E. Ostafin
Biofluidic Spectrometer
21st Century Research & Technology Fund
$1,270,841 24 months

Physics

Ani Aprahamian
Nucleosynthesis 2000
National Science Foundation
$4,000 6 months
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Institution</th>
<th>Principal Investigator(s)</th>
<th>Description</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Center for Superconducting Electronic Device Development</td>
<td>Howard A. Blackstead, Paul J. McGinn</td>
<td>21st Century Research &amp; Technology Fund</td>
<td>$1,394,595</td>
<td>24 months</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program of Liberal Studies</td>
<td>Henry M. Weinfield</td>
<td>Creative Writing Fellowship</td>
<td>National Endowment for the Arts</td>
<td>$20,000</td>
<td>13 months</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td>Steven M. Boker</td>
<td>Dynamic Postural Equilibrium</td>
<td>National Institutes of Health</td>
<td>$109,232</td>
<td>12 months</td>
<td></td>
</tr>
<tr>
<td>Radiation Laboratory</td>
<td>Dan Meisel, Daniel M. Chipman, Gordon L. Hug, Ian C. Carmichael</td>
<td>The NOx System in Homogeneous and Heterogeneous Nuclear Waste</td>
<td>Department of Energy</td>
<td>$732,313</td>
<td>36 months</td>
<td></td>
</tr>
<tr>
<td>South Bend Center for Medical Education</td>
<td>Robert E. Kingsley, Nancy L. Cole</td>
<td>A Thermo-Therapeutic Device for the Treatment of Herpes Labialis Infections</td>
<td>I.U. School of Medicine</td>
<td>$118,469</td>
<td>24 months</td>
<td></td>
</tr>
<tr>
<td>Computer Science &amp; Engineering</td>
<td>Steven C. Bass, Lloyd H. Ketchum, Kathleen M. Weigert</td>
<td>The EPICS Consortium</td>
<td>Purdue University</td>
<td>$162,211</td>
<td>36 months</td>
<td></td>
</tr>
<tr>
<td>Theology</td>
<td>Todd D. Whitmore</td>
<td>Catholic Social Teaching and the Challenges of the 21st Century</td>
<td>Valparaiso University</td>
<td>$83,500</td>
<td>12 months</td>
<td></td>
</tr>
</tbody>
</table>