

Notre Dame Report

The University

249 Lewis Institute

Faculty Notes

249 Honors

249 Activities

250 Publications

250 In Memoriam

Administrators' Notes

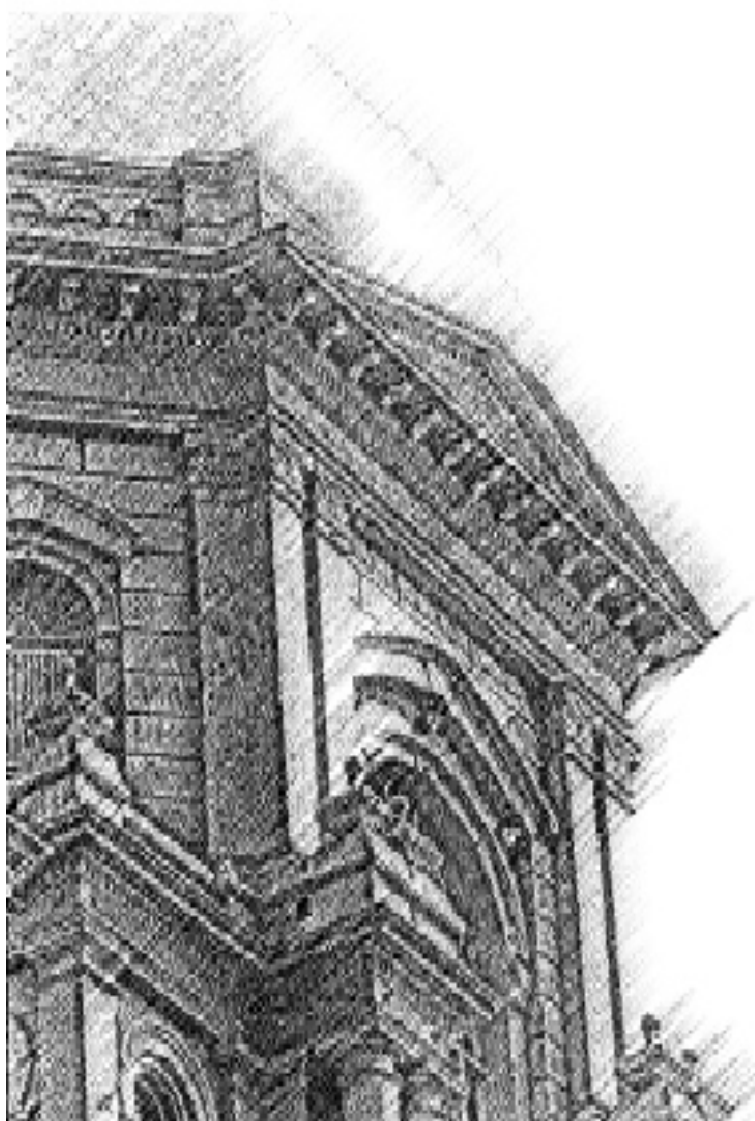
250 Publications

Documentation

251 Minutes of 302nd Graduate Council
Meeting, September 14, 2005

Research

253 November 2005



J A N U A R Y 1 3 , 2 0 0 6

N U M B E R 8

The University

Lewis Institute to be Housed at Notre Dame

The **Office of Campus Ministry** will be directing the Frank J. Lewis Institute for Campus Ministry, to be housed at the University for the next three years. The institute trains campus ministers from around the country.

Faculty Notes

Honors

Agustin Fuentes, associate professor of anthropology, was named to the editorial board of *Reviews in Anthropology*.

Rev. Joseph L. Walter, CSC, chair emeritus of the Department of Preprofessional Studies, had an award established and named in his honor by the Central Association of Advisors to the Health Profession, to be given to the outstanding professional advisor of the year: the "Father Joe Walter Award for Outstanding Advising."

Activities

Peter Diffley, associate dean in the Graduate School, presented "Reducing the Cost of Attrition: A Joint Project Sponsored by CGS" at the annual meeting of the Council of Graduate Schools on Dec. 9 in Palm Springs, Calif.

Georges Enderle, the O'Neil Professor of International Business Ethics and Kellogg Institute Fellow, presented a public lecture on "*Unternehmensverantwortung im Globalisierungsprozess*" (Corporate Responsibility in the Process of Globalization) and "*Der Beitrag der Religionen zur Foerderung globaler Gerechtigkeit*" (The Contribution

of Religions to the Promotion of Global Justice) at an academic colloquium at the School of Philosophy and Theology Sankt Georgen, Frankfurt, Germany, Dec. 8; and participated in the research seminar on "*Unternehmensethik*" (Corporate Ethics) at the Center for Interdisciplinary Studies of the Univ. of Bielefeld, Germany, Dec. 9–10, where he presented concluding comments.

Nicole Stelle Garnett, the Lilly Endowment Associate Professor of Law, presented "What a Strange Place to Put a Church: The Political Economy of Just Compensation" at the "Nelson Symposium," Univ. of Florida, Levin College of Law, Nov. 18.

Alyssa Gillespie, associate professor of Russian language and literature and Nanovic Institute Fellow, presented the paper "Pushkin's Criminal Doubles" on the panel "Art and Crime" at the American Association for the Advancement of Slavic Studies annual national convention in Salt Lake City, Nov. 5.

Paul W. Huber, professor of chemistry and biochemistry, presented "Localization of Bg1 mRNA in *Xenopus Oocytes*" in invited seminars on Sept. 8 at Andrews Univ., Berrien Springs, Mich., and on Nov. 18 at Northern Arizona Univ., Flagstaff, Ariz.

Prashant V. Kamat, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, presented the invited papers "Organized Assembly of Donor Acceptor Molecular Clusters for Next Generation Solar Cells" (written with T. Hasobe and S. Fukuzumi), "Semiconductor Nanostructures as Smart Materials for Simultaneous Detection and Degradation of Organics from Air and Water" (written with V. Subramanian, I. Robel, K. Young, and **Joan Brennecke**, the Keating-Crawford Professor of Chemical Engineering), and "Optical Effects in Chromophore Functionalized Metal Nanoparticles" (written with **K. George Thomas**, senior research associate in the Radiation Laboratory); organized a symposium on "Photophysical Properties of Monolayers on Nanomaterials and Surfaces"; and chaired three sessions at the Material Research Society fall meeting, Boston, Nov. 28 through Dec. 2.

Daniel H. Lende, assistant professor of anthropology, presented "Diversity in Drug Use: Culture and the Interaction of Motivation, Embodiment and Cognitive Models" at the annual meeting of the American Anthropological Association, Washington D.C., in December; and "How to Reduce Drug Use: Lessons from Colombia" at the inaugural "Latino Behavioral Health Summit" Angola, Ind., in November.

Rev. Ronald Nuzzi, director of the ACE Leadership program, presented "Catholic School Success: Recent Research on K–12 Catholic Schools" to the Saint Joseph High School Development Council in Granger, Ind., on Oct. 19; a retreat to principals of the Diocese of Camden, N.J., Oct. 27–28; a keynote address titled "The Spirituality of Teaching" to a gathering of principals of the Diocese of Cleveland, Nov. 1–2; a keynote address titled "Catholic School *Pro Deo et Patria*" to the New York State Catholic School Administrators' Association, Albany, Nov. 13; a workshop titled "Catholic Schools Still Make A Difference" for school board members at Saint Mary-Saint Alphonsus Regional Catholic School, Glen Falls, N.Y., Nov. 14; a retreat day titled "Gifts of the Spirit: Multiple Intelligence Theory in Catholic Education" for professional staff in the Calgary Catholic School District, Alberta, Canada, Dec. 13; and organized and presented in a videoconference with Catholic school leaders in Wales,

South Africa, and Australia, titled "International Perspectives on Catholic Schools: Views from Four Continents" on Dec. 15.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, attended and presented "BH 4 Resolution Matters: Issues in Computational Simulation of Detailed Kinetics Gas Phase Combustion," at the "58th Annual Meeting of the Division of Fluid Dynamics of the American Physical Society," Chicago, Nov. 20–22.

Wendy Settle, staff psychologist for the University Counseling Center and concurrent assistant professor of psychology, presented "Cultural Adjustment and Study Abroad: International Mental Health Issues and Resources" as the invited speaker for the "Mental Health on Campus Conference: Stigma, Education, and Empowerment" at Duke Univ., Durham, N.C., on Oct. 15.

K. George Thomas, senior research associate in the Radiation Laboratory, presented "Interplasmon Coupling in Silver and Gold Nanorod," written with **Prashant V. Kamat**, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, and chaired a session in the Material Research Society fall meeting in the "Symposium on Photophysical Properties of Monolayers on Nanomaterials and Surfaces," Boston, Nov. 28 through Dec. 2.

Publications

Joseph P. Bauer, professor of law, published the following works, each supplements to *Kintner's Federal Antitrust Law* (LexisNexis Publishing Group, 2005), with J. Lopatka and W. Page: *Annual Supplement for 2006* to Vol. I (86 pages); *Annual Supplement for 2006* to Vol. II (104 pages); *Annual Supplement for 2006* to Vol. III (124 pages); *Annual Supplement for 2006* to Vol. IV (119 pages); *Annual Supplement for 2006* to Vol. V (56 pages); *Annual Supplement for 2006* to Vol. VI (127 pages); *Annual Supplement for 2006* to Vol. VII (59 pages); *Annual Supplement for 2006* to Vol. VIII (44 pages); *Annual Supplement for 2006* to Vol. IX (98 pages); *Annual Supplement for 2006* to Vol. X (139 pages); and *Annual Supplement for 2006* to Vol. XI (131 pages).

Peter Difley, associate dean of the Graduate School, published "Selection and Attrition," *CGS Communicator* 38, No. 9 (2005): 3–8.

Thomas Gresick, professor of economics and econometrics and Kellogg Institute Fellow, published "The Taxing Task of Taxing Transnationals" in *Petroleum Industry Regulation within Stable States*, S. Glomsrød and P. Osmundsen, eds. (Ashgate Press, 2005), and the article was translated into Japanese by S. Yamada and published in the *Nanzan Journal of Economic Studies* XX (June): 57–105.

Kevin Hart, the Notre Dame Professor of English, concurrent professor of philosophy, and Nanovic Institute Fellow, published "God and the Sublime" in *God out of Place?*, ed. Y. de Maeseneer, *Ars Disputandi Supplement Series* 3 (Utrecht: Ars Disputandi, 2005): 33–38.

Prashant V. Kamat, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, published "Organization of Supramolecular Assemblies of Fullerene, Porphyrin and Fluorescein Dye Derivatives on TiO₂ Nanoparticles for Light Energy Conversion" with T. Hasobe, et al., *Chem. Phys.* 319 (2005): 243–52.

Daniel H. Lende, assistant professor of anthropology, published "*Colombia y la prevención sociocultural del uso de droga* (Colombia and the sociocultural prevention of drug use)," *Humanidades* 8, Nos. 11–12 (2005): 9–30.

Wendy Settle, staff psychologist for the University Counseling Center and concurrent assistant professor of psychology, published "Study Abroad and Mental Health: Identifying, Assisting, and Referring Students in Distress," *SAFETI On-Line Newsletter* 3, No. 1 (2005): http://www.globaled.us/safeti/v3n1_settle.html. She also published "Depression and Suicidal Students Studying Abroad: Identifying Students at Risk" in collaboration with the Jed Foundation and distributed to faculty and staff directors of study-abroad programs nationwide.

Mark Suckow, director of the Freimann Life Science Center and associate research professor of biological sciences edited *The Laboratory Rat* (San Diego: Academic Press, 2006) with C.F. Franklin and S.H. Weisbroth, to which he contributed the chapter "Morphophysiology" with D.L. Hickman and J.F. Hofstetter.

In Memoriam

John Riley-Schofield, visiting assistant professor of music at the University of Notre Dame, died Sept. 12 in a traffic accident near Edwardsburg, Mich.

Administrators' Notes

Publications

Alan Bigger, director of Building Services, published "Sometimes We Cannot See the Forest for the Trees: Frugal Cost-Saving Tips" with L.B. Bigger, *Executive Housekeeping Today* (December): 6–7.

Documentation

Minutes of the 302nd Graduate Council

September 14, 2005

Present: Jeffrey Kantor, Donald Pope-Davis, Anthony Hyder, Julia Braungart-Rieker (for Mark Roche), John Robinson (for Patricia O'Hara), Carolyn Woo, Frank Incropera, Gay Dannelly (for Jennifer Younger), Lionel Jensen, Thomas Fuja, Edward Maginn, Philip Bess, Igor Veretenikov, Olivia Constable, Hope Hollocher, Ram Ramanan, Robert Nelson, Dawn Gondoli, Christina Wolbrecht, Claudia Polini, Yahya Kurama, Timothy Schoenharl

Absent: Joseph Marino, Joseph Wawrykow, Theodore Cachey, Crislyn D'Souza Schorey, Richard Taylor, Misty Schieberle

I. Approval of Minutes of the 301st Graduate Council Meeting

Prof. Kantor invited a motion to approve the minutes from the April 19, 2005 Graduate Council meeting. The minutes were unanimously approved without amendment.

II. Graduate School Response to Hurricane Katrina

Prof. Kantor updated the Council on the Graduate School's response to the victims of Hurricane Katrina. He said there are three graduate students from Tulane University currently enrolled in the Department of Chemistry and Biochemistry. An architecture student may come in the spring. Three to five additional students have made inquiries and are expected to enroll in the coming weeks. Prof. Pope-Davis stated that four McNair scholars from the New Orleans area, three from Xavier and one from Tulane, have arrived and are enrolled. He said that all the students were extremely grateful.

Prof. Kantor said that the Graduate School is trying to be consistent with guidelines the American Council of Education has issued for accepting students from affected

institutions. He congratulated the Graduate Student Union for their work in assisting students with housing and other issues.

III. Proposal for a Graduate School Grievance Procedure

Prof. Kantor introduced Prof. Barbara Turpin who explained the need for an official written grievance policy. She said that in her position as academic counselor in the Graduate School, she represents the dean while investigating student complaints, but at the same time, students see her as an advocate; it is difficult for her to remain neutral. The appearance of a conflict of interest, she said, and the threat of legal action in a recent case, convinced her that a written policy was essential.

Prof. Turpin looked at other institutions and found that almost all of them had a formal written grievance procedure. She took some of the best ideas she found, adapted them to the Notre Dame environment and put forth a proposal for the Council's review.

The proposed procedure will be used only by graduate students in the Graduate School (i.e., not by students in the law or business schools), and will apply only to academic issues. She said that the grounds of appeal will include procedural error, violation of official Graduate School policy, or special mitigating circumstances beyond the student's control that were not properly addressed in a decision affecting the student's academic progress. Prof. Turpin then highlighted the major points of the proposal.

- Individual departments should articulate their own grievance procedures and incorporate them in their graduate student guides. This should be done before the beginning of the fall semester of 2006.
- Students must first attempt resolution within their department by following the department's grievance procedure.

- If resolution cannot be reached at the department level, the student may appeal to the Graduate School by submitting a written statement to the associate dean of the Graduate School responsible for academic policy.
- The statement must indicate the nature of the problem, the date(s) the problem occurred, the grounds upon which the appeal is based, and the relief requested. It should also include a description of the results of the departmental level resolution process.
- The appeal should be sent to the Graduate School within 30 days of the department's resolution.
- The associate dean will convene a meeting of a Graduate School academic grievance committee, a standing committee of the Graduate Council composed of four faculty members and the associate dean.
- The grievance committee will make a written recommendation to the dean of the Graduate School within 30 working days of receipt of the appeal.
- The dean will respond to the appeal in writing within 30 working days of receipt of the committee's recommendation.
- The judgment of the dean of the Graduate School would be final.

Prof. Turpin then requested feedback from the Council members.

Prof. Braungart-Rieker suggested that one member of the grievance committee be from the student's college. Prof. Turpin agreed. Prof. Hyder suggested that the committee consist of three voting members, one from the student's college, preferably from the dean's office, and the other two from the Graduate Council; Prof. Turpin would preside as a non-voting member. He also suggested the involvement of a member of the General Counsel's Office as a consultant to protect the interests of all parties involved. Other suggestions included making the committee ad hoc instead of standing, and making the associate dean, and not the student, responsible for requesting the results of the departmental resolution process from the department chair.

Prof. Incropera voiced his concern that the dean's judgment would trump that of departmental faculty. Prof. Turpin reiterated the acceptable grounds of appeal and assured the Council that the policy was not to second guess department standards. She impressed upon the Council the importance of documenting a student's problems over time, cautioned against mindlessly distributing 'S' grades in research, and reminded the Council that students cannot be terminated without adequate warning.

Prof. Fuja asked what constituted adequate warning. Prof. Turpin replied that there is no set Graduate School policy on this, but noted that a student should be informed of what the problems with his performance are, what he needs to do to correct them, how long he will be given to correct them, and what the consequences will be if his performance does not improve within that time frame. Generally, she said, one semester is a reasonable amount of time. Prof. Pope-Davis added that it should be made clear to faculty that a student's support cannot be stopped or his status terminated without due process.

Prof. Woo wondered about the issue of inappropriate actions by faculty. Should a ruling in favor of a student's appeal be shared, she asked? Prof. Kantor responded that it may be appropriate for the dean to send a letter to the department chair explaining the particular behaviors that were observed. Prof. Jensen stated that it was incumbent upon the dean of the Graduate School to notify the department chair of a pending appeal and report the results. He then asked if the committee could be named the Graduate School appeals committee rather than the grievance committee. Prof. Turpin agreed.

Prof. Kantor closed the discussion by suggesting that Prof. Turpin form a committee to revise the proposal in light of the Council's comments and present it at the next Graduate Council meeting for approval. Prof. Pope-Davis stated the need for all departments to have their own grievance procedures in place before the Graduate School policy can be approved. With that in mind, he said he would make a point of addressing this issue during the Directors of Graduate School meetings this fall. Prof. Constable called for a vote to authorize Prof. Turpin, on behalf of the Graduate

Council, to contact DGSs to inform them of the new appeal procedure and to assist them in devising their own departmental procedures. The vote in favor was unanimous.

Prof. Kantor noted that an executive committee of the Graduate Council will be formed before the next Graduate Council meeting. The meeting was adjourned at 5:05.

Research

Awards and Proposal Summary

11/01/2005 to 11/30/2005

Awards Received

Category	No.	Amount
Research	22	\$1,811,860
Instructional Programs	1	\$237,796
Total:	23	\$2,049,656

Proposals Submitted

Category	No.	Amount
Research	100	\$23,673,645
Instructional Programs	2	\$523,000
Total:	102	\$24,196,645

David Hachen is a co-investigator on the awarded project from the National Science Foundation titled "DDDAS-SMRP—Integrated Wireless Phone Based Emergency Response System (WIPER). This information was omitted from the December 2, 2005 issue, No. 5.

November 2005 Cumulative summary

Awards Received

	07.01.2003 - 11.30.2003		07.01.2004 - 11.30.2004		07.01.2005 - 11.30.2005	
Category	No.	Amount	No.	Amount	No.	Amount
Research	177	\$27,743,356	164	\$37,352,230	150	\$26,794,692
Facilities and Equipment						
Instructional Programs	8	\$1,166,443			1	\$237,796
Other Programs	1	\$62,500				
Service Programs						
Total:	186	\$28,972,299	164	\$37,352,230	151	\$27,032,488

Proposals Submitted

	07.01.2003 - 11.30.2003		07.01.2004 - 11.30.2004		07.01.2005 - 11.30.2005	
Category	No.	Amount	No.	Amount	No.	Amount
Research	329	\$137,665,576	347	\$108,861,314	373	\$83,834,596
Facilities and Equipment						
Instructional Programs	2	\$88,533	7	\$2,420,561	5	\$2,750,613
Other Programs					1	\$5,000
Service Programs						
Total:	331	\$137,754,109	354	\$111,281,875	379	\$86,590,209

All awards and proposals are credited in the Monthly Summaries report to the academic department of the primary principal investigator. The Office of Research proposal routing form asks principal investigators to indicate at the time the proposal is submitted which unit will be responsible for the conduct of the project. If that unit is a center or institute the proposal/award is included in the Centers/Institutes report that is a subset of the Monthly Summaries report.

The Office of Research is doing what it can to ensure all units receive credit for the proposals/awards they submit and receive. However, it depends on the PI to properly identify responsibility for the project at the time the proposal is submitted. Please notify the Office of Research at research@nd.edu or 631-7432 if you are aware of any proposals or awards that have not been properly credited to a center or institute.

Awards received during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Mueller, Thomas J.	An Experimental	Department of Navy	\$32,104	47
Morris, Scott C.	Study of Trailing Edge			
(Center or Institute)	Noise			
Department or Office:	Biological Sciences			
Lamberti, Gary A.	Determining the	National Oceanic &	\$475,900	12
Kulpa, Charles F.	Environmental Fate,	Atmospheric		
Lodge, David M.	Biodegradation, and	Administration		
Chaloner, Dominic T.	Impacts on Aquatic			
Brennecke, Joan F.	Ecosystems of New			
Stadtherr, Mark A.	Ionic Liquids prior to			
	Widespread Industrial			
	Use.			
Romero-Severson, Jeanne	DNA Markers for	University of	\$15,000	8
	Butternut Trees	Tennessee-Knoxville		
Severson, David W.	Genetic Strategies for	University of	\$41,884	12
(Center or Institute)	Control of Dengue	California-Irvine		
	Virus Transmission			
Suckow, Mark Allen	2005-06 IPA	Veteran Affairs Medical	\$12,000	12
(Center or Institute)	Agreement	Center		
Department or Office:	Center for Pastoral Liturgy			
Kroeker, Charlotte	J.S. Bach Festival	Indiana Arts Commission	\$2,546	12
Cramer, Craig J.				
(Center or Institute)				
Department or Office:	Chemistry and Biochemistry			
Sevov, Slavi C.	Main-Group	National Science	\$120,000	36
	Deltahedral Clusters:	Foundation		
	Functionalization and			
	Oligomerization by			
	Design			

Awards received during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Civil Engineering and Geological Sciences				
Fein, Jeremy B. Burns, Peter C. Maurice, Patricia A. (Center or Institute)	Environmental Molecular Science Institute: Actinides and Heavy Metals in the Environment	National Science Foundation	\$21,750	60
Nerenberg, Robert	Integrated Membrane Biofilm Reactor for Total Nitrogen Removal from Wastewater	University of New Hampshire	\$258,290	24
Westerink, Joannes J.	Morphos-3D Long-wave Hydrodynamics Modeling	Corporate Funding	\$175,095	36
Woertz, Jennifer R. Talley, Jeffrey W.	Evaluating the Re-release of Mercury from Recycled Coal Combustion Residues	Purdue University	\$30,000	16
Department or Office: Classics, The				
Afsaruddin, Asma	Striving in the Path of God: Discursive Traditions on Jihad and the Cult of Martyrdom	Private Foundation	\$100,000	20
Department or Office: Electrical Engineering				
Haenggj, Martin	CAREER: Modeling and Managing Uncertainty in Wireless Ad Hoc and Sensor Networks	National Science Foundation	\$83,527	60
Seabaugh, Alan C.	Low Subthreshold-Swing Tunnel Transistors	National Institute Standards & Technology	\$28,641	36
Department or Office: Mathematics				
Alber, Mark S.	Multiscale Studies of Segmentation in Vertebrate Embryos	Indiana University Bloomington	\$45,000	12

Awards received during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Physics				
Barabasi, Albert-Laszlo	Development of a Virtual Tumor	Private Funding	\$22,802	12
Garnavich, Peter M. (Center or Institute)	Testing the Preposterous Universe with Infrared Supernovae	Jet Propulsion Laboratory	\$69,174	31
Ruchti, Randal C.	IPA Agreement	National Science Foundation	\$185,607	12
Tanner, Carol E. Gerginov, Vladislav P.	Development of Advanced Microfabricated Atomic Clocks	National Institute Standards & Technology	\$6,300	13
Department or Office: Political Science				
Lieber, Keir A.	U.S. Nuclear Policy: Departure from Deterrence?	Private Foundation	\$60,000	12
Department or Office: Sociology				
Cardenas, Gilberto (Center or Institute)	Strategic Positioning of the State of Latino Chicago & Development of Latino Leadership Reports	Private Foundation	\$4,000	12
Cardenas, Gilberto (Center or Institute)	Documents of 20th Century Latin American and Latino Art	Private Funding	\$22,240	12
<u>Awards for Instructional Programs</u>				
Department or Office: Psychology				
Pope-Davis, Donald B.	McNair Post-Baccalaureate Achievement	Department of Education	\$237,796	36

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Bowling, Alan P.	Biometric Motion Data for Suspect Identification	National Institute of Justice	\$600,000	12
Jumper, Eric J. Cavalieri, David	Directed Energy Beam Improvement - Binary Control for Advanced Tactical Laser (DEBI-BATL)	Corporate Funding	\$340,064	36
Ovaert, Timothy C.	Mechanical Modeling and Wear of Orthopedic Hydrogels	Corporate Funding	\$82,860	24
Department or Office:	Anthropology			
Blum, Susan D.	Plagiarism, Intertextuality, and the Performance Self: Undergraduates Writing in the Academy	Private Foundation	\$24,410	10
Blum, Susan D.	Plagiarism, Intertextuality, and the Performance Self: Undergraduates Writing in the Academy	Private Foundation	\$30,000	12
Department or Office:	Architecture			
Lykoudis, Michael N. Hood, Sallie A. Sakal, Ronald J.	ND Arch (University of Notre Dame School of Architecture) Alabama-Katrina Project	US Housing & Urban Development	\$299,903	24
Department or Office:	Biological Sciences			
Adams, John H.	Immunological Characterization of the P.vivax DBP	National Institutes of Health	\$559,609	12

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Belovsky, Gary E.	What is the Effect of Disturbance and Invertebrate Detritivore Communities on Decomposition in Tropical and Temperate Systems?	National Science Foundation	\$11,998	12
Belovsky, Gary E.	Dissertation Research: Community Level Response to Global Change: The Effect of Temperature on the Relative Importance of Top-down and Bottom-up Effect	National Science Foundation	\$7,341	12
Besansky, Nora J.	Ecological Genomics of <i>Anopheles gambiae</i>	National Institutes of Health	\$578,722	12
Collins, Frank H.	Encapsulation of <i>Plasmodium Falciparum</i> in <i>A. Gambiae</i>	National Institutes of Health	\$147,555	36
Ferdig, Michael T.	Transcriptional Network Analysis in Malaria Parasites	National Institutes of Health	\$139,015	36
Ferdig, Michael T.	A Novel Target Based Approach for Discovery of Anti-parasitics	Corporate Funding	\$45,000	12
Hellmann, Jessica J.	Application for Career Enhancement Fellowship	Private Foundation	\$31,500	12

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Hollocher, Hope	Dissertation Research: Expression Profile Differences Between Closely Related Species of Drosophila and their Hybrids	National Science Foundation	\$8,939	12
Kulpa, Charles F.	Dissertation Research: Elucidating Biodegradability Pathways of Novel Green Chemicals by Mixed Microbial Communities	National Science Foundation	\$9,751	9
Lamberti, Gary A.	Dissertation Research: Interactions between nutrients and a toxic agent on the growth and physiology of an aquatic primary producer	National Science Foundation	\$7,387	12
Lodge, David M.	ECOFOR 06: Forecasting and Managing Invasive Species	National Oceanic & Atmospheric Administration	\$2,499,551	60
Suckow, Mark A.	Novel Stromal Vaccines for the Treatment of Advanced Stage Prostate Cancer	Private Foundation	\$42,130	12
Tank, Jennifer L.	Cycling of Novel Allochthonous Carbon in Midwestern Agricultural Stream	National Science Foundation	\$61,200	12

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Tank, Jennifer L.	Nitrous Oxide Emissions from Rivers and Reservoirs in Agricultural Basins	National Science Foundation	\$10,953	12
Tank, Jennifer L.	Dissertation Research: Responses in Organic Matter and Macroinvertebrates to the Addition of Large Wood to Second-Growth, Forested Streams	National Science Foundation	\$8,189	12
Tank, Jennifer L.	Dissertation Research: Linking Shifts in Whole Lake Nitrogen Fluxes Caused by Zebra Mussel Invasion to Changes in Microbial Community Structure	National Science Foundation	\$10,882	12
Tank, Jennifer L.	Dissertation Research: Determining the Mechanisms of Labile Dissolved Organic Nitrogen Uptake in Stream Ecosystems	National Science Foundation	\$10,523	5
Tank, Jennifer L.	Resolving the Role of Dissolved and Particulate Organic Carbon on Denitrification in Nitrate-Saturated Agricultural Streams	National Science Foundation	\$11,503	12
Tank, Jennifer L.	Will Stream Restoration Enhance Ecosystem Resistance and Resilience to Storms?	National Science Foundation	\$11,817	12

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Center for Pastoral Liturgy				
Kroeker, Charlotte	Leadership Models of Effective Church Music Programs	Private Foundation	\$48,015	8
Department or Office: Chemical and Biomolecular Engineering				
Ostafin, Agnes E.	Transport Through PLGA/Nanoshell Composite Films	Clarkson University	\$295,749	48
Ostafin, Agnes E. Woertz, Jennifer R.	Development of "Nanoparticle Test Kit" for the Detection of Indoor Mold.	National Science Foundation	\$328,361	36
Department or Office: Chemistry and Biochemistry				
Baker, Brian M.	Physical basis for T cell receptor binding and activity	National Institutes of Health	\$259,875	12
Chibber, Bakshy A.	Rapid Identification Methods for Protein Targets in Drug Discovery	Corporate Funding	\$95,000	20
Henderson, Kenneth W.	Application of s-Block Molecular Aggregates in the Controlled Assembly of Solid State Materials	Private Foundation	\$8,000	2
Kuno, Masaru K. Jena, Debdeep	NER: Modulation doped colloidal quantum dots and solution-based semiconductor nanowires	National Science Foundation	\$115,106	12

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Lieberman, Marya Bernstein, Gary H.	NER: Electric Field Effect Microfluidic Device for Reversible Immobilization and Nano-Patterning of Biomolecules	University of Texas	\$56,000	12
Miller, Marvin J. Bunker, Bruce A. Madey, Gregory R. Maurice, Patricia A.	A Molecular-based approach to environmental metal binding by microbial siderophores: Effects of siderophores on metal adsorption to mineral surfaces	National Science Foundation	\$0	60
Miller, Marvin J.	Design, Synthesis and Studies of Novel AntiTB Agents	National Institutes of Health	\$331,951	12
Mobashery, Shahriar	Ribosomal Function & Antibiotic Design	National Institutes of Health	\$282,318	12
Department or Office:	Civil Engineering and Geological Sciences			
Maurice, Patricia A. Talley, Jeffrey W. Lemmon, Michael D.	Collaborative Proposal: Assessing Design Needs for an Observatory to Study Water and Environmental Issues in Intensively Managed Landscapes	National Science Foundation	\$30,000	24
Woertz, Jennifer R.	Using Ozone to Disinfect Hidden Mold and Reduce Exposure During Remediation	Humboldt State University	\$150,276	36

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Classics, The				
Schlegel, Catherine M.	Anger and Violence: Ancient and Modern Views, Sources and Cures	Private Foundation	\$30,000	9
Schlegel, Catherine M.	Anger and Violence: Ancient and Modern Views, Sources and Cures	Private Funding	\$40,000	9
Sheerin, Daniel J.	Sketching the Good Things to Come	Private Foundation	\$75,000	9
Sheerin, Daniel J.	The Archpoet's Burlesques	Private Foundation	\$46,400	9
Department or Office: Computer Science & Engineering				
Bowyer, Kevin W. Chawla, Nitesh V. Flynn, Patrick J.	Face Recognition from Video: Effects of Varying Video Sources and Quality	National Institute of Justice	\$372,500	12
Chawla, Nitesh V. Flynn, Patrick J. Bowyer, Kevin W.	Fingerprint Matching: Effect of Various Operational Conditions and Data	National Institute of Justice	\$347,000	12
Flynn, Patrick J. Chawla, Nitesh V. Bowyer, Kevin W.	Assessing the Capabilities of Iris Sensing in the Field: Accuracy Characterization and Spoof Detection in Iris Sensing	National Institute of Justice	\$335,000	12

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Kogge, Peter M. Snider, Gregory L. Hu, Xiaobo Solomon, William D. Lent, Craig S.	NIRT: Active reconfigurable architectures for QCA	National Science Foundation	\$1,600,000	48
Niemier, Michael T. Hu, Xiaobo Chen, Danny Z. Chaudhary, Amitabh	NER: Study of a Fundamental Circuit Structure in Molecular QCA Implementation	National Science Foundation	\$130,000	12
Scheutz, Matthias J. Eberhard, Kathleen M. Ryan-Scheutz, Colleen M.	Facing up to Persistent L1-L2 Interferences	Department of Education	\$867,371	36
Scheutz, Matthias J. Bauer, Peter H.	Ultra-Low Complexity Swarms for Information Gathering and Integration Tasks	Department of Defense	\$144,666	12
Department or Office:	Electrical Engineering			
Antsaklis, Panos J. Tabuada, Paulo	High Confidence Networked Embedded Control Software Design	Georgia Institute of Technology	\$842,719	60
Bauer, Peter H. Scheutz, Matthias J.	Threat Prediction in Secure Zones Through Sensor Network Based Evidential Reasoning	National Institute of Justice	\$520,000	36

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Jena, Debdeep Merz, James L. Kosel, Thomas H.	MBE Growth and Nanoscale Characterization of Indium Nitride	National Science Foundation	\$340,993	36
Laneman, J. N.	Software-Defined Radio Technologies for Justice and Public Safety Communications	Department of Justice	\$0	12
Lent, Craig S. DuBois, Jennifer	Dense Defect-Tolerant QCA Circuits	Northeastern University	\$600,000	48
Merz, James L.	NIRT: Injection-pumped 3D Nanosystems w. depleted photonic density of stages	State University of New York-Albany	\$302,788	36
Merz, James L. Janko, Boldizsar Jena, Debdeep Xing, Huili Kuno, Masaru K.	NIRT: Semiconductor Nanowires: Physics and Active Devices	National Science Foundation	\$1,593,039	48
Snider, Gregory L.	Synthesis and Electrical Characterization of Silicon Nitride Nanotubes	Private Foundation	\$119,509	36
Department or Office:	English			
Wilson, Ivy	Specters of Democracy: Blackness and the Aesthetics of Nationalism	Private Foundation	\$30,000	9

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: German and Russian Languages and Literatures				
Marullo, Thomas G.	Thou Shalt Not Have Strange Gods Before Me: Fyodor Dostoevsky's The Possessed and the Poetic of the Man-God	Princeton University	\$36,000	9
Department or Office: Irish Language and Literature				
McKibben, Sarah E.	Contesting Masculinity: Gender, Colonialism, and Sexuality in Early Modern Literature in Irish, 1540-1780	Private Foundation	\$30,000	12
McKibben, Sarah E.	Contesting Masculinity, Gender, Colonialism, and Sexuality in Early Modern Literature in Irish, 1540-1780	National University of Ireland	\$13,000	6
Department or Office: Law School				
Phelps, Teresa G.	Re-Membering: The Role of Personal Stories in Building Sustainable Peace	Princeton University	\$75,000	9
Department or Office: Physics				
Balsara, Dinshaw S. Fisker, Jacob L.	Simulating the Multi-dimensional Physics of Accreting Type I X-Ray Bursters	National Science Foundation	\$384,838	36
Balsara, Dinshaw S. Howk, Jay C.	Simulating the Turbulent, Multiphase Intersellar Medium: Comparing with Observations	National Science Foundation	\$345,048	36

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Bennett, David P.	Gravitational Microlensing Observations and Analysis	National Science Foundation	\$330,950	36
Blackstead, Howard A.	Superconductivity in Ba ₂ YRu _{1-u} Cu _u O ₆	National Science Foundation	\$426,996	24
Eskildsen, Morten R. Janko, Boldizsar	Collaborative Research: Coupled Topological Singularities - A Joint Fabrication, Experimental and Theoretical Study of Hybrid Vortex Matter in Superco	National Science Foundation	\$531,134	36
Furdyna, Jacek K. Liu, Xinyu Dobrowolska-Furdyna, Malgorzata	Nanoscale Mapping of Spin Properties in Advanced Magnetic Materials	Wayne State University	\$494,250	48
Howk, Jay C. Lehner, Nicolas	Discovery of a Lyman Limit System @ Z = 0.20258: The IGM/Galaxy Connection	National Aeronautics and Space Administration	\$41,200	12
Howk, Jay C. Balsara, Dinshaw S.	High Velocity Clouds in the Galactic Environment: A Numerical Study Motivated by Observations	National Science Foundation	\$216,230	36
Janko, Boldizsar	Coperative Phenomena and Correlation Effects in Colloidal Systems	National Science Foundation	\$235,762	36

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Janko, Boldizar	Cooperative Phenomena and Correlation Effects in Colloidal Systems	Department of Energy	\$217,681	36
Janko, Boldizar	Theory of Surface Bound States in CeColn5	Department of Energy	\$217,681	36
Janko, Boldizar Merz, James L. Snider, Gregory L. Kuno, Masaru K.	NIRT: Spatial and Intensity Modulation of Light Emission in Fluorescent Molecules, Quantum Dots, and Nanowires	National Science Foundation	\$1,599,995	48
Jessop, Colin P.	Study of Radiative Penguin Decays Using the JBaBar Crystal Calorimeter	Department of Energy	\$58,458	12
Jessop, Colin P.	Study of Radiative Penguin Decays using the BaBar Crystal Experiment	National Science Foundation	\$58,458	12
Mathews, Grant J. Garnavich, Peter M.	Studies of Eclipsing Young Stellar Systems and White-Dwarf + Black Hole Interactions	National Science Foundation	\$292,021	36
Mathews, Grant J. Garnavich, Peter M.	Alternative Approaches to Dark Energy	National Science Foundation	\$287,521	36

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Rettig, Terrence W.	Observational and Theoretical Constraints on the Gas and Dust Stratification in Protostellar Disks	National Science Foundation	\$353,809	36
Department or Office:	Political Science			
Hui, Tin-bor V.	Development, Constitutionalism, and the Two-Tiered World: Lessons from the West for the Rest	Private Funding	\$30,000	9
Hui, Tin-bor V.	Toward a Multicultural Approach to the Liberal Peace: A Comparison of Historical Europe and Historical China	Private Funding	\$30,000	12
Hui, Tin-bor V.	Toward a Multicultural Approach to the Liberal Peace: A Comparison of Historical Europe and Historical China	Private Foundation	\$25,000	9
Mainwaring, Scott P. Schierling, Sharon K.	MSU-ND National Resource Center in Latin American Studies	Michigan State University	\$529,270	48
Department or Office:	Program of Liberal Studies			
Goulding, Robert D.	The Mathematical Muse: Renaissance Humanism and the History of Mathematics	Private Foundation	\$40,000	9

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Goulding, Robert D.	Vision, optics and experimental traditions in the Renaissance	University of Erfurt	\$6,267	3
Department or Office:	Psychology			
Bergeman, Cindy S.	Notre Dame Study of Resiliency in Later Life	National Institutes of Health	\$225,000	12
Boker, Steven M.				
Chow, Sy Miin				
Lubke, Gitta				
Maxwell, Scott E.				
Ong, Anthony D.				
Department or Office:	Sociology			
Cardenas, Gilberto	PENPJH First National Encuentro for Hispanic Youth and Youth Adult Ministry	Private Foundation	\$40,000	12
Hernandez, Edwin I.				
Department or Office:	Theology			
Anderson, Gary A.	From Israel's Burden to Israel's Debt: Metaphors of Sin in Ancient Judaism and Christianity	Private Funding	\$75,000	9
Anderson, Gary A.	From Israel's Burden to Israel's Debt: Metaphors of Sin in Ancient Judaism and Christianity	Private Funding	\$30,000	5
Driscoll, Michael S.	Cathedral, Cultus and Culture	Private Funding	\$43,820	9

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Hilkert, M. Catherine	Grace Enfleshed: A Sacramental Anthropology	Private Foundation	\$50,000	9
Hilkert, M. Catherine	Grace Enfleshed: A Sacramental Anthropology	Private Funding	\$58,700	9
Malkovsky, Bradley J.	A Contemporary Catholic Theology of World Religions	Private Foundation	\$50,000	9
Malkovsky, Bradley J.	A Contemporary Catholic Theology of World Religions	Private Funding	\$34,020	9
McKenny, Gerald P.	Christian Political Theology in the 20th Century: A Continuing Legacy	Private Funding	\$50,000	12
McKenny, Gerald P.	Christian Political Theology in the 20th Century: A Continuing Legacy	Private Funding	\$54,200	9
Reynolds, Gabriel S.	Reading the Qur'an in Light of a Judaeo-Christian-Islamic Tradition	Private Funding	\$51,998	9
Reynolds, Gabriel S.	Reading the Qur'an in Light of a Judaeo-Christian-Islamic Tradition	Private Funding	\$30,000	9

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Young, Robin D.	Hell, Heaven and Martyrs' Visions: The Origin of the Christian Afterlife in the Discourse of Martyrdom and Prophecy	Private Funding	\$45,900	9
<u>Proposals for Instructional Programs</u>				
Department or Office:	Natl. Cons. for Grad. Degrees for Minorities, Engr & Science			
Lezama, Michele	Fellowship Support for Graduate Students in Engineering and Science	Environmental Protection Agency	\$255,000	36
Department or Office:	Political Science			
Mainwaring, Scott P.	MSU-ND Foreign Language and Area Studies Fellowship Program	Michigan State University	\$268,000	48
Schierling, Sharon K.				

Awards and Proposal Summary

Centers and Institutes Report

11/01/2005 to 11/30/2005

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	1	\$69,174
Center for Flow Physics and Control	1	\$32,104
Center for Tropical Disease Research & Training	1	\$41,884
Environmental Molecular Science Institute	1	\$21,750
Freimann Life Science Center	1	\$12,000
Institute for Church Life	1	\$2,546
Institute for Latino Studies	2	\$26,240
Total:	8	\$205,698

Proposals Submitted

Department or Office	No.	Amount
Center for Astrophysics	8	\$2,251,617
Center for Environmental Science and Technology	2	\$30,000
Center for Ethics and Culture	1	\$1,600,000
Center for Flow Physics and Control	1	\$340,064
Center for Molecularly Engineered Materials	1	\$426,996
Center for Tropical Disease Research & Training	4	\$1,424,901
Freimann Life Science Center	1	\$42,130
Institute for Church Life	1	\$48,015
Institute for Latino Studies	1	\$40,000
Institute for Theoretical Sciences	4	\$2,271,119
Kellogg Institute for International Studies	2	\$797,270
Keough Institute for Irish Studies	1	\$13,000
Medieval Institute	1	\$40,000
Nano Science and Technology Center	9	\$5,221,685
Natl. Cons. for Grad. Degrees for Minorities, Engr & Science	1	\$255,000
Total:	38	\$14,801,797

Awards and Proposal Summary

Centers and Institutes Report

07/01/2005 to 11/30/2005

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	4	\$183,429
Center for Children and Families	2	\$1,862,590
Center for Flow Physics and Control	7	\$757,502
Center for Tropical Disease Research & Training	4	\$2,820,385
Center for Zebrafish Research	1	\$308,280
Environmental Molecular Science Institute	1	\$21,750
Environmental Research Center	1	\$8,655
Freimann Life Science Center	1	\$12,000
Institute for Church Life	1	\$2,546
Institute for Educational Initiatives	1	\$36,125
Institute for Latino Studies	7	\$598,900
Interdisciplinary Center for the Study of Biocomplexity	2	\$365,175
Joint Institute for Nuclear Astrophysics	1	\$13,035
Kellogg Institute for International Studies	1	\$5,000
Kroc Institute for International Peace Studies	2	\$85,244
Nano Science and Technology Center	5	\$1,785,233
Nanovic Institute	1	\$2,600
Nuclear Structure Laboratory	2	\$2,050,000
Radiation Laboratory	4	\$593,000
South Bend Center for Medical Education	2	\$276,249
Walther Cancer Research Center	1	\$268,000
Total:	51	\$12,055,698

Proposals Submitted

Department or Office	No.	Amount
Center for Applied Mathematics	1	\$215,803
Center for Astrophysics	10	\$2,251,617
Center for Children and Families	6	\$2,376,838
Center for Environmental Science and Technology	3	\$57,600
Center for Ethics and Culture	1	\$1,600,000
Center for Flow Physics and Control	8	\$2,574,071
Center for Microfluidics and Medical Diagnostics	2	\$605,049
Center for Molecularly Engineered Materials	2	\$438,996
Center for Transgene Research	2	\$1,273,288
Center for Tropical Disease Research & Training	11	\$3,098,245
Center for Zebrafish Research	3	\$787,500

Awards and Proposal Summary

Centers and Institutes Report

07/01/2005 to 11/30/2005

Department or Office	No.	Amount
Environmental Molecular Science Institute	1	\$21,750
Environmental Research Center	1	\$684,646
Freimann Life Science Center	1	\$42,130
Institute for Church Life	1	\$48,015
Institute for Latino Studies	11	\$3,738,692
Institute for Theoretical Sciences	7	\$3,191,410
Interdisciplinary Center for the Study of Biocomplexity	1	\$112,500
Joint Institute for Nuclear Astrophysics	3	\$158,035
Kellogg Institute for International Studies	2	\$797,270
Keough Institute for Irish Studies	2	\$343,545
Kroc Institute for International Peace Studies	2	\$281,854
Medieval Institute	2	\$80,000
Nano Science and Technology Center	34	\$11,580,762
Natl. Cons. for Grad. Degrees for Minorities, Engr & Science	1	\$255,000
Nuclear Structure Laboratory	2	\$545,595
Radiation Laboratory	3	\$537,813
Reilly Center for Science, Technology and Values	1	\$429,794
Walther Cancer Research Center	2	\$1,070,073
Total:	126	\$39,197,891

Awards received during the period Nov-01-2005 to Nov-30-2005**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Award #
<u>Awards for Research</u>				
Department or Office:	Center for Astrophysics			
Garnavich, Peter M. (Center or Institute)	Testing the Preposterous Universe with Infrared Supernovae	Jet Propulsion Laboratory	\$69,174	006637-001
Department or Office:	Center for Flow Physics and Control			
Mueller, Thomas J. Morris, Scott C. (Center or Institute)	An Experimental Study of Trailing Edge Noise	Department of Navy	\$32,104	005894-001
Department or Office:	Center for Tropical Disease Research & Training			
Severson, David W. (Center or Institute)	Genetic Strategies for Control of Dengue Virus Transmission	University of California-Irvine	\$41,884	006634-001
Department or Office:	Environmental Molecular Science Institute			
Fein, Jeremy B. Burns, Peter C. Maurice, Patricia A. (Center or Institute)	Environmental Molecular Science Institute: Actinides and Heavy Metals in the Environment	National Science Foundation	\$21,750	005902-001
Department or Office:	Freimann Life Science Center			
Suckow, Mark Allen (Center or Institute)	2005-06 IPA Agreement	Veteran Affairs Medical Center	\$12,000	000388-001
Department or Office:	Institute for Church Life			
Kroeker, Charlotte Cramer, Craig J. (Center or Institute)	J.S. Bach Festival	Indiana Arts Commission	\$2,546	006638-001
Department or Office:	Institute for Latino Studies			
Cardenas, Gilberto (Center or Institute)	Documents of 20th Century Latin American and Latino Art	Private Funding	\$22,240	006632-001
Cardenas, Gilberto (Center or Institute)	Strategic Positioning of the State of Latino Chicago & Development of Latino Leadership Reports	Private Funding	\$4,000	006644-001

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
<u>Proposals for Research</u>				
Department or Office:	Center for Astrophysics			
Howk, Jay C. Lehner, Nicolas	Discovery of a Lyman Limit System @ $Z =$ 0.20258: The IGM/Galaxy Connection	National Aeronautics and Space Administration	\$41,200	06050292
Bennett, David P.	Gravitational Microlensing Observations and Analysis	National Science Foundation	\$330,950	06050307
Balsara, Dinshaw S. Fisker, Jacob L.	Simulating the Multi-dimensional Physics of Accreting Type I X-Ray Bursters	National Science Foundation	\$384,838	06050309
Howk, Jay C. Balsara, Dinshaw S.	High Velocity Clouds in the Galactic Environment: A Numerical Study Motivated by Observations	National Science Foundation	\$216,230	06050313
Mathews, Grant J. Garnavich, Peter M.	Studies of Eclipsing Young Stellar Systems and White-Dwarf + Black Hole Interactions	National Science Foundation	\$292,021	06050315
Rettig, Terrence W.	Observational and Theoretical Constraints on the Gas and Dust Stratification in Protostellar Disks	National Science Foundation	\$353,809	06050312
Balsara, Dinshaw S. Howk, Jay C.	Simulating the Turbulent, Multiphase Intersellar Medium: Comparing with Observations	National Science Foundation	\$345,048	06050310

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Mathews, Grant J. Garnavich, Peter M.	Alternative Approaches to National Science Foundation Dark Energy		\$287,521	06050327
Department or Office:	Center for Environmental Science and Technology			
Miller, Marvin J. Bunker, Bruce A. Madey, Gregory R. Maurice, Patricia A.	A Molecular-based approach to environmental metal binding by microbial siderophores: Effects of siderophores on metal adsorption to mineral surfaces	National Science Foundation	\$0	06050311
Maurice, Patricia A. Talley, Jeffrey W. Lemmon, Michael D.	Collaborative Proposal: Assessing Design Needs for an Observatory to Study Water and Environmental Issues in Intensively Managed Landscapes	National Science Foundation	\$30,000	06050380
Department or Office:	Center for Ethics and Culture			
Kogge, Peter M. Snider, Gregory L. Hu, Xiaobo Solomon, William D. Lent, Craig S.	NIRT: Active reconfigurable architectures for QCA	National Science Foundation	\$1,600,000	06050363
Department or Office:	Center for Flow Physics and Control			
Jumper, Eric J. Cavaliere, David	Directed Energy Beam Improvement - Binary Control for Advanced Tactical Laser (DEBI-BATL)	Corporate Funding	\$340,064	06050290

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Department or Office:	Center for Molecularly Engineered Materials			
Blackstead, Howard A.	Superconductivity in Ba2YRu1-uCu06	National Science Foundation	\$426,996	06050281
Department or Office:	Center for Tropical Disease Research & Training			
Adams, John H.	Immunological Characterization of the P.vivax DBP	National Institutes of Health	\$559,609	06050280
Ferdig, Michael T.	Transcriptional Network Analysis in Malaria Parasites	National Institutes of Health	\$139,015	06050316
Collins, Frank H.	Encapsulation of Plasmodium Falciparum in A. Gambiae	National Institutes of Health	\$147,555	06050323
Besansky, Nora J.	Ecological Genomics of Anopheles gambiae	National Institutes of Health	\$578,722	06050373
Department or Office:	Freimann Life Science Center			
Suckow, Mark A.	Novel Stromal Vaccines for the Treatment of Advanced Stage Prostate Cancer	Private Foundation	\$42,130	06050337
Department or Office:	Institute for Church Life			
Kroeker, Charlotte	Leadership Models of Effective Church Music Programs	Private Funding	\$48,015	06050375

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Department or Office: Institute for Latino Studies				
Cardenas, Gilberto Hernandez, Edwin I.	PENPJH First National Encuentro for Hispanic Youth and Youth Adult Ministry	Private Foundation	\$40,000	06050278
Department or Office: Institute for Theoretical Sciences				
Janko, Boldizar	Cooperative Phenomena and Correlation Effects in Colloidal Systems	National Science Foundation	\$235,762	06050291
Janko, Boldizar	Cooperative Phenomena and Correlation Effects in Colloidal Systems	Department of Energy	\$217,681	06050322
Janko, Boldizar	Theory of Surface Bound States in CeCoIn5	Department of Energy	\$217,681	06050324
Janko, Boldizar Merz, James L. Snider, Gregory L. Kuno, Masaru K.	NIRT: Spatial and Intensity Modulation of Light Emission in Fluorescent Molecules, Quantum Dots, and Nanowires	National Science Foundation	\$1,599,995	06050358
Department or Office: Kellogg Institute for International Studies				
Mainwaring, Scott P. Schierling, Sharon K.	MSU-ND National Resource Center in Latin American Studies	Michigan State University	\$529,270	06050304
Department or Office: Keough Institute for Irish Studies				
McKibben, Sarah E.	Contesting Masculinity, Gender, Colonialism, and Sexuality in Early Modern Literature in Irish, 1540-1780	National University of Ireland	\$13,000	06050347

Proposals submitted during the period Nov-01-2005 to Nov-30-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Department or Office: Medieval Institute				
Schlegel, Catherine M.	Anger and Violence: Ancient and Modern Views, Sources and Cures	Private Funding	\$40,000	06050330
Department or Office: Nano Science and Technology Center				
Snider, Gregory L.	Synthesis and Electrical Characterization of Silicon Nitride Nanotubes	Private Funding	\$119,509	06050285
Jena, Debdeep Merz, James L. Kosel, Thomas H.	MBE Growth and Nanoscale Characterization of Indium Nitride	National Science Foundation	\$340,993	06050296
Lent, Craig S. DuBois, Jennifer	Dense Defect-Tolerant QCA Circuits	Northeastern University	\$600,000	06050317
Furdyna, Jacek K. Liu, Xinyu Dobrowolska-Furdyna, Malgorzata	Nanoscale Mapping of Spin Properties in Advanced Magnetic Materials	Wayne State University	\$494,250	06050352
Kogge, Peter M. Snider, Gregory L. Hu, Xiaobo Solomon, William D. Lent, Craig S.	NIRT: Active reconfigurable architectures for QCA	National Science Foundation	\$1,600,000	06050363

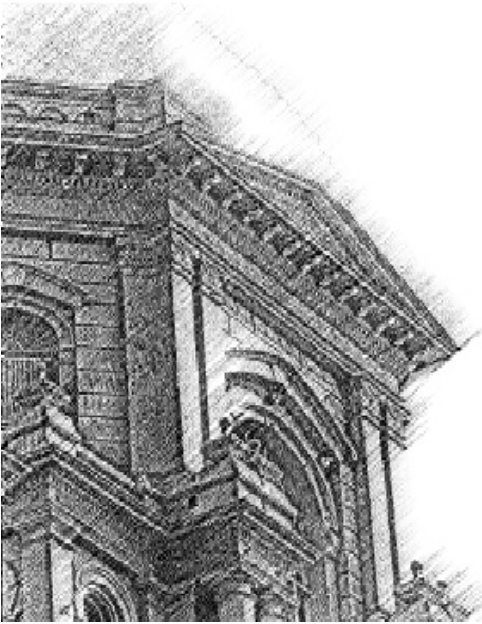
Proposals submitted during the period Nov-01-2005 to Nov-30-2005**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Lieberman, Marya Bernstein, Gary H.	NER: Electric Field Effect Microfluidic Device for Reversible Immobilization and Nano-Patterning of Biomolecules	University of Texas	\$56,000	06050367
Merz, James L. Janko, Boldizsar Jena, Debdeep Xing, Huili Kuno, Masaru K.	NIRT: Semiconductor Nanowires: Physics and Active Devices	National Science Foundation	\$1,593,039	06050366
Kuno, Masaru K. Jena, Debdeep	NER: Modulation doped colloidal quantum dots and solution-based semiconductor nanowires	National Science Foundation	\$115,106	06050362
Merz, James L.	NIRT: Injection-pumped 3D Nanosystems w. depleted photonic density of stages	State University of New York-Albany	\$302,788	06050351

Proposals for Instructional Programs

Department or Office:	Kellogg Institute for International Studies			
Mainwaring, Scott P. Schierling, Sharon K.	MSU-ND Foreign Language and Area Studies Fellowship Program	Michigan State University	\$268,000	06050297
Department or Office:	Natl. Cons. for Grad. Degrees for Minorities, Engr & Science			
Lezama, Michele	Fellowship Support for Graduate Students in Engineering and Science	Environmental Protection Agency	\$255,000	06050303

Notre Dame Report



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Kate Russell, editor
Notre Dame Media Group
502 Grace Hall
Notre Dame IN 46556-5612
e-mail: ndreport.1@nd.edu

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