

Notre Dame Report

Faculty Notes

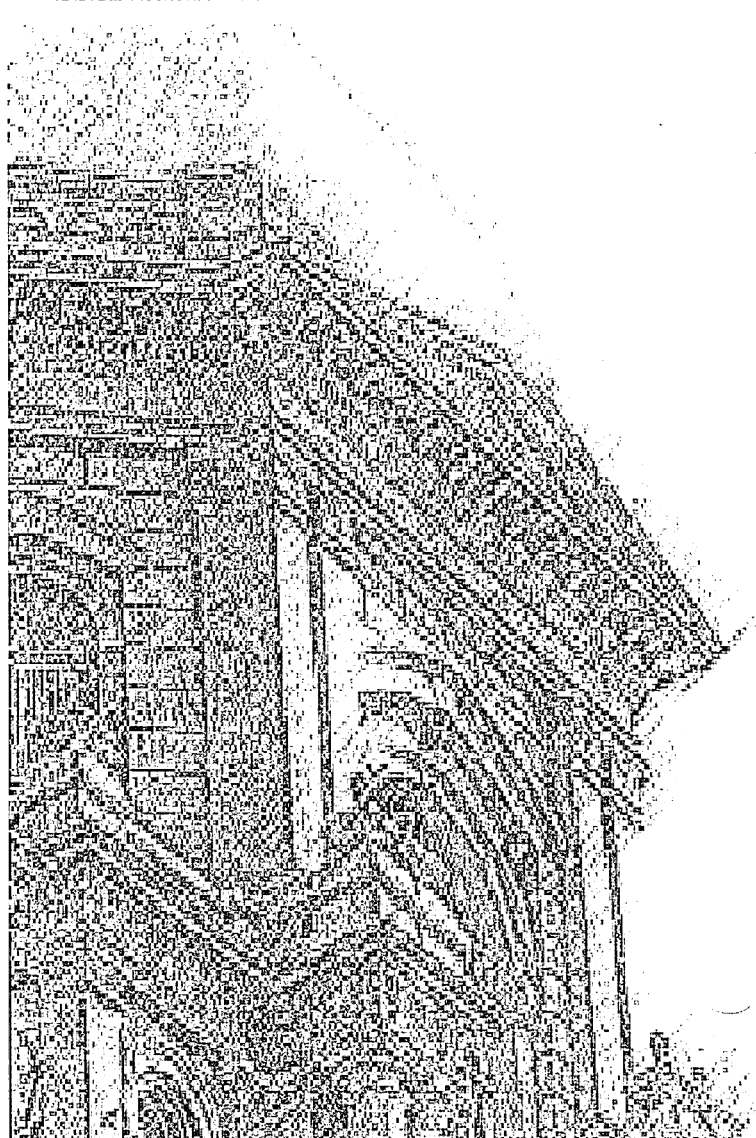
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Committee on Academic and
Student Life: 2002-03



SEPTEMBER 26, 2003
NUMBER 3

Faculty Notes

Honors

Peri E. Arnold, professor of political science, was appointed a contributing editor to the Web site *AmericanPresident.org*, sponsored by the Miller Center of Public Affairs at the Univ. of Virginia.

Agustin Fuentes, associate professor of anthropology, was invited to join the Potawatomi Zoo Society board of directors (South Bend).

Stephen M. Hayes, librarian, was appointed to the business school advisory board, EBSCO Publishing, Ipswich, Mass.

Darcia Narvaez, associate professor of psychology, was appointed a member of the advisory board, National Clearinghouse for the Teaching of Character in Educator Preparation Programs.

Margaret Shackell-Dowell, assistant professor of accountancy, received the James Dincolo Award for outstanding teaching in the Dept. of Accountancy at the Beta Alpha Psi Banquet, April 24.

Appointments

Julia Douthwaite, professor of French, has been appointed assistant provost for International Studies.

Activities

Peri E. Arnold, professor of political science, presented "One President, Two Presidencies: George W. Bush in Peace and War" at the 2003 annual meeting of the American Political Science Association, Aug. 27–31, in Philadelphia; and was a guest, discussing current political events, on *Extension 720*, WGN Radio, Chicago, June 20.

Kevin J. Christiano, associate professor of sociology, delivered an invited commentary on "*Sociologies et religion: Approches classiques*" by D. Hervieu-Léger and J.-P. Willaime in an "Authors-Meet-the-Critics" session at the 65th annual meeting of the Association for the Society of Religion, Atlanta, Aug. 15–17.

Thomas Gresik, professor of finance, presented "Efficient Delegation by an Informed Principal," written with E. Bond, at the European Association for Research in Industrial Economics conference, Aug. 24–26, Helsinki, Finland.

Prashant V. Kamat, professional specialist in the Radiation Laboratory, presented a seminar titled "Photoinduced Charge Separation in Organic-Inorganic Hybrid Nanostructures" at Marquette Univ., Milwaukee, Sept. 5.

Jay LaVerne, professional specialist in the Radiation Laboratory, presented "Radiolysis of Water/Oxide Interfaces" at and convened a symposium at the ICRR meeting, Brisbane, Australia, Aug. 17–22.

Darcia Narvaez, associate professor of psychology, was a Fellow, NSF Advanced Training Institute: Research Center for Virtual Environments and Behavior, Univ. of California Santa Barbara, where she learned to use virtual reality to study social cognition (August); presented "Minnesota's Community Voices and Character Education" at the Connections in Character Institute, Azusa Pacific Univ., Azusa, Calif., in June; presented "Thoughts on Moral Personhood" at the symposium "Educating the Moral Person" at the American Educational Research Association annual meeting, Chicago, in April; presented, with S. Hagele, "Chronic Accessibility of Moral Trait Inferences in Moral Stories" and was a discussant on "How Shall We Describe the Morality of University Students in Different Countries?" at the same meeting; presented "Character Development and Education" at the 19th Annual Conference on Character and Civic Education, California State

Univ., Fresno, in April; and presented "The Neo-Kohlbergian Tradition and Beyond: Schemas, Expertise and Character" at the LI Annual Symposium on Motivation, Univ. of Nebraska, Lincoln, April 3.

Robert P. Vecchio, the Schurz Professor of Management, presented "Cinderella and Salieri in the Workplace" at the National Meeting of the Academy of Management, Seattle, Aug. 6.

David Yamane, assistant professor of sociology, gave an invited talk on the role of faith in his academic work to the colloquium on "Fashioning Faith with Scholarship in Sociological Research" at Calvin College, Grand Rapids, Mich., July 25.

Publications

Peri E. Arnold, professor of political science, published "Effecting a Progressive Presidency: Roosevelt, Taft, and the Pursuit of Strategic Resources," in *Studies in American Political Development* 17, No. 1 (spring): 61–81.

John M. Bentley, associate professional specialist and assistant director of the Radiation Laboratory, published "Theoretical Characterization of Oxanion, XO_m^n , Solvation," written with D.M. Camaioni and M. Dupuis, in the *Journal of Physical Chemistry A* 107 (2003): 5778–5788.

Jacqueline Vaught Brogan, professor of English, published *Damage* (original poetry) (Univ. of Notre Dame Press, 2003): 53 pp., vii.; and *The Violence Within/ The Violence Without: Wallace Stevens and the Emergence of a Revolutionary Poetics* (Univ. of Georgia Press, 2003): 200 pp., xiii.

David Campbell, assistant professor of political science, published "School Vouchers: Results from Randomized Experiments" (with P.E. Peterson, W.G. Howell, and P.J. Wolf) in *The Economics of School Choice*, C. Hoxby, ed. (Chicago: Univ. of Chicago Press, 2003).

Jianguo Cao, professor of mathematics, published "A New 3-Dimensional Curvature Integral Formula for PL-Manifolds of Non-Positive Curvature," written with J. Escobar, in the *Journal for Communications in Analysis and Geometry* 11, No. 3 (Sept.): 489–551.

H. Fred Mittelstaedt, professor of accountancy and PricewaterhouseCoopers Faculty Fellow, and J.C. Olsen published "An Empirical Analysis of the Investment Performance of the Chilean Pension System," *Journal of Pension Economics and Finance* 2, (March): 7-24.

Darcia Narvaez, associate professor of psychology, published "Moral Reasoning, Intercultural Development, and Multicultural Experiences: Relations and Cognitive Underpinnings," written with L. Endicott and T. Bock, *International Journal of Intercultural Relations* 27 (2003): 403-419; and "Who Should I Become? Citizenship, Goodness, Human Flourishing, and Ethical Expertise," written with T. Bock and L. Endicott, in *Teaching in Moral and Democratic Education*, W. Veugelers and F.K. Oser, eds. (Bern, Switzerland: Peter Lang Publishers, 2003).

Rudolph M. Navari, associate dean, College of Science, and director of the Walther Cancer Research Center, published "Chemotherapy-Induced Nausea and Vomiting: New Treatment Options" in *Contemporary Oncology* 2 (2003): 1-10.

John Poirier, professor emeritus of physics, published "A Proportional Wire Chamber Array: GRAND's Status," written with C. D'Andrea, M. Lopez del Puerto, E. Strahler, and J. Vermedahl, in the *Proceedings of the 28th International Cosmic Ray Conference* (Tsukuba, Japan: International Union of Pure and Applied Physics, 2003): 993-996; "Search for sub-TeV Gamma Rays Coincident with BATSE Gamma Ray Bursts," written with C. D'Andrea, J. Gress, and D. Race, *ibid.*: 2709-2712; and "A Study of the Ground Level Event of April 15, 2001 with GRAND," written with C. D'Andrea, *ibid.*: 3423-3426.

Joachim Rosenthal, the Notre Dame Professor of Applied Mathematics and concurrent professor of electrical engineering, published "A Polynomial Description of the Rijndael Advanced Encryption Standard" in the *Journal of Algebra and Its Applications*, *World Scientific* 2, No. 2 (Sept.): 223-236.

Andrew J. Sommese, the Duncan Professor of Mathematics, published "Ample Vector

Bundles with Zero Loci Having a Hyperelliptic Curve Section," written with A. Lanteri, in *Forum Mathematicum* 15 (2003): 525-542.

G.N.R. Tripathi, professional specialist in the Radiation Laboratory, published "Electronic Structure of paraAminophenoxyl Radical in Water" in the *Journal of Chemical Physics* 118, No. 3 (2003): 1378-1391; and

"p-Benzosemiquinone Radical Anion on Silver Nanoparticles in Water" in the *Journal of the American Chemical Society* 125 (2003): 1178-1179.

Edward Vasta, English professor emeritus, published *Love and Redemption* (Philadelphia, Pa.: Xlibris Corporation, 2003).

Administrators' Notes

Honors

Luis G. Manzo, staff psychologist and coordinator of alcohol and other drug treatment services, University Counseling Center, was awarded a three-year Developing Leadership in Reducing Substance Abuse Fellowship by the Robert Wood Johnson Foundation to be used for a personalized program of career development and a community agency project.

Activities

Iris L. Outlaw, director of Multicultural Student Programs and Services presented the workshop "Multicultural Parenting" for the Community Leaders summer seminar "Building the Wellsprings of Wisdom" hosted by St. Mary's College Center for Women's InterCultural Leadership, June 18.

Documentation

President's Address Set for October 2

Father Malloy's annual Address to the Faculty will take place on Thursday, October 2, at 4:30 p.m. in Room 101 DeBartolo. A reception will follow the address.

Annual Report of the Advisory Committee on Academic and Student Life: 2002-03

Membership for 2002-2003:

Co-Chairs: Nathan Hatch, Provost
Rev. Mark Poorman, C.S.C.,
Vice President for Student Affairs

Members: Dr. Ani Aprahamian
Dr. George Howard
Rev. John Conley, C.S.S.
Sr. Pat Thomas, O.P.
Dr. Frank Incropera
Ms. Maureen Fitzgibbon

Mr. Sean Hogan
Mr. Jake Teske
Mr. Brian Moscona
Ms. Mary Pugel
Mrs. Ann Firth

Focus of Committee for 2002–03

For the 2002–2003 academic year, the Advisory Committee on Academic and Student Life took up the issue of the first year experience for Notre Dame students. In particular, the committee was interested in exploring how students are introduced to Notre Dame and its mission during the critical first eight weeks on campus. Some of the issues that the committee members addressed were:

- Are students fully engaged academically, socially and spiritually from their time of arrival?
- Do students have a clear sense of how the intellectual enterprise is connected to our identity as a community of faith?
- Does their first year experience of Notre Dame prepare them to integrate the various aspects of learning during their undergraduate careers?

In addition to the members of the committee, Eileen Kolman, Dean of the First Year of Studies, was invited to join the committee as a guest for the year's meetings.

Committee Meeting Dates

The committee met on the following dates:

October 10, 2002
December 2, 2002
February 13, 2004
March 31, 2004
April 15, 2004

Summary of Meetings

Early meetings of the committee focused on reviewing what incoming First Year students and/or their parents actually receive from Notre Dame prior to arrival on campus, and what takes place at Notre Dame during the first eight weeks of school. Additionally, a benchmarking survey was conducted of fifteen colleges and universities to assess the scope and focus of their first year orientation programs.

At the February meeting, Dean Eileen Kolman and Mark Gunty (Institutional Research) reviewed the findings from the

"Your First College Year" survey, conducted annually of all first year students. The results of the Spring 2002 survey were presented and discussed at the meeting. Issues of transition, use of time, alcohol use, academic experience, career and life aspirations, and contact with faculty provoked extended discussion.

During the fall and winter months the committee divided itself into three subcommittees to gather perceptions and experiences of the first eight weeks from students, faculty, and student life administrators. A series of listening sessions, organized by the three subcommittees, took place, with summaries presented to the whole committee during the early spring meetings.

The March meeting of ACASL featured a panel discussion composed of students, a student life administrator, a rector, an administrator, and a faculty member addressing the following questions:

- As we think about the first eight weeks of the first year, what should we identify as key indicators of success for first-year students?
- How specifically can Notre Dame do a better job of integrating students' academic and student life experiences within the first eight weeks of the first year? Are there particular ways in which faculty members, student affairs personnel and others can enhance this integration?
- If Notre Dame could do one thing to improve the overall experience for first year students, what would you recommend?

Panelists were: Ms. Ava Preacher, Assistant Dean, College of Arts and Letters; Professor Dennis Jacobs, College of Science; Ms. Heather Rakoczy, Rector, Pangborn Hall; Mr. Brian Coughlin, Director, Student Activities; Mr. Vasili Karas, first year student; and Ms. Keri Oxley, Junior, Arts and Letters.

Recommendations

A series of recommendations were developed by ACASL as an outcome of the year's meetings and consultations. These are:

Faculty:

1. **Offer first-year students a wider array of seminars.** Provost Hatch has already contacted department chairs and institute directors about expanding these offerings, and the Provost's Office will continue to

encourage the creation of more of these opportunities for first year students. Implementation of expanded first year seminars is targeted for fall semester 2004.

2. **Work with the Kaneb Center to offer faculty who teach first year students advice about pedagogical tools they can use.**

As Professor Jacobs and others have articulated, there should be greater dialogue among faculty about the particular challenges and opportunities that come with teaching first year students. Among other things, those who teach first years could be encouraged to find ways to give students more feedback early in the semester and to consider how they can foster students' critical thinking skills.

3. **Incorporate the insights gained about the first year experience into the new faculty retreat.**

As part of orienting faculty to the University, the importance of the first year experience should be emphasized and new faculty, especially those teaching first years, should be encouraged to talk with students about such topics as the meaning and purpose of a university education, how they became interested in their field of study, etc. After the retreat, new faculty member could be invited to visit a residence hall so that they might have a better understanding of residential life at Notre Dame.

Students:

1. **Consider further the possibility of creating a common intellectual experience for first years around a topic of broad interest.** Whether by having incoming first years read a specific article or book and then gathering for a related lecture, or by hosting some kind of academic convocation with the first eight weeks of their arrival on campus, there could be great benefit in bringing first years together for such an event.

2. **Create avenues for upperclass students to serve as mentors and advisors to first year students on academic issues.**

In the course of listening to students about the first year experience, it became clear that upperclass students are very influential in the academic decision making of first year students. By creating more formal structures to facilitate this kind of "advising", which, ideally, would take place in residence halls, younger students can benefit and

learn from the experiences of older students. Timing for this recommendation is suggested for early in the second semester of the first year.

Student Life Administrators:

1. Emphasize and model the integration of academic and student life in all of our efforts to orient students to Notre Dame.

Rectors and Student Affairs departments should consider the role they can play in orienting students to intellectual life at Notre Dame, especially when planning Orientation activities. Likewise, the First Year of Studies and other academic units should consider how the themes of faith, community and service can be incorporated into their offerings during the first eight weeks of the academic year.

2. Offer first year students concrete strategies for becoming more fully engaged in academic life. Those student life administrators who have regular contact with first year students, specifically advisors in the First Year of Studies and rectors, should make it a point to ask students, as a measure of their academic adjustment and engagement, whether they have a) met or talked with faculty members outside of class and/or b) joined a study group. By offering practical advice on these and other avenues for becoming more involved in the academic enterprise, advisors and rectors can play a critical role in orienting students to university life.

Research

Awards and Proposal Summary

08/01/2003 to 08/31/2003

Awards Received

Category	No.	Amount
Research	28	\$7,222,474
Instructional Programs	1	\$12,580
Other Programs	1	\$62,500
Total:	30	\$7,297,554

Proposals Submitted

Category	No.	Amount
Research	21	\$5,282,066
Instructional Programs	1	\$71,352
Total:	22	\$5,353,418

August 2003 Cumulative summary

Awards Received

Category	07.01.2001 - 08.31.2001		07.01.2002 - 08.31.2002		07.01.2003 - 08.31.2003	
	No.	Amount	No.	Amount	No.	Amount
Research	97	\$8,937,314	69	\$14,689,165	82	\$15,387,169
Facilities and Equipment						
Instructional Programs	5	\$907,156	2	\$268,133	2	\$76,080
Other Programs					1	\$62,500
Service Programs						
Total:	102	\$9,844,470	71	\$14,957,298	85	\$15,525,749

Proposals Submitted

Category	07.01.2001 - 08.31.2001		07.01.2002 - 08.31.2002		07.01.2003 - 08.31.2003	
	No.	Amount	No.	Amount	No.	Amount
Research	75	\$39,567,942	67	\$18,492,454	81	\$23,210,896
Facilities and Equipment						
Instructional Programs	1	\$107,295	4	\$67,315	2	\$88,533
Other Programs						
Service Programs						
Total:	76	\$39,675,237	71	\$18,559,769	83	\$23,299,429

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 631-4670 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 Aug-01-2003 to Aug-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office: Aerospace and Mechanical Engineering				
Renaud, John E.	Optimization Under Uncertainty	Sandia National Laboratory	\$82,000	10
Niebur, Glen L.	Staining Techniques for Micro-CT Imaging of Microdamage	National Institutes of Health	\$111,375	24
Roeder, Ryan K.				
Department or Office: Biological Sciences				
D'Souza-Schorey, Crislyn (Center or Institute)	Investigating the Therapeutic and Diagnostic Potential of Arfaptin 2 in Huntington's Disease	Private funding	\$194,955	24
Duman, John G.	Structure/Function Studies of Antifreeze Proteins and their Enhancers from the Beetle <i>Dendriodes canadensis</i>	National Science Foundation	\$17,820	24
Ferdig, Michael T. (Center or Institute)	Genetic Control of Malaria Parasite Proliferation	National Institutes of Health	\$108,000	12
Lodge, David M.	Grant Agreement between U.S. Fish and Wildlife Service and the University of Notre Dame	U. S. Fish and Wildlife Service	\$40,000	24
Welsh, JoEllen J.	Bioactivation of Vitamin D in Mammary Gland	National Institutes of Health	\$74,250	24
Department or Office: Center for Social Concerns				
Caponigro, Jerome V. (Center or Institute)	Leading a Campaign for Violence Reduction	Department of Justice	\$496,750	24
Department or Office: Chemistry and Biochemistry				
Goodson, Holly V.	Interactions Between CLIP-170 and Microtubules	National Institutes of Health	\$306,141	60

Awards received during the period Aug-01-2003 to Aug-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Helquist, Paul	Collaborative Research Program in Enantioselective Catalyst Design and Applications	Corporate funding	\$25,000	60
Lieberman, Marya Lent, Craig S. Huber, Paul W. (Center or Institute)	NER: Hierarchial Self-Assembly of DNA Tiles	National Science Foundation	\$99,999	12
Department or Office:	Civil Engineering and Geological Sciences			
Jain, Jinesh C.	In vitro clearance of trace minerals via continuous renal replacement therapies	University of Michigan	\$4,000	12
Talley, Jeffrey W.	Thermal Programmed Desorption Mass Spectrometry of Persistent Organic Contaminants	Stanford University	\$100,000	12
Department or Office:	Computer Science & Engineering			
Kogge, Peter M. Brockman, Jay B. Schaelicke, Lambert	LWP Studies in Support of the Cascade Project	Corporate funding	\$3,129,531	36
Department or Office:	Electrical Engineering			
Bauer, Peter H.	Collaborative Research: Distributed Information Fusion Networks for Threat Detection and Assessment	National Science Foundation	\$99,998	36
Costello, Daniel J. Fuja, Thomas E.	Bandwidth Efficient Turbo Code Design	Corporate funding	\$26,040	24

Awards received during the period Aug-01-2003 to Aug-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Porod, Wolfgang (Center or Institute)	Second International Workshop on Quantum Dots for Quantum Computing and Classical Size Effect Circuits	Department of Army	\$9,900	12
Seabaugh, Alan C. (Center or Institute)	Nanoelectromechanica Inertial Sensors	National Imagery and Mapping Agency	\$100,000	36
Seabaugh, Alan C. (Center or Institute)	Nanoelectromechanica Inertial Sensors	National Imagery and Mapping Agency	\$99,777	36
Department or Office: History				
MacCormack, Sabine G.	Distinguished Achievement Award	Private funding	\$1,522,501	48
Department or Office: Philosophy				
McInerny, Ralph M. (Center or Institute)	Bradley Graduate and Post Graduate Fellowship Program for AY2003-04	Private funding	\$30,000	12
Department or Office: Physics				
Bennett, David P. (Center or Institute)	Resolution of the Source Star for a Candidate Planetary Gravitational Microlensing Event	Private funding	\$31,831	24
Garnavich, Peter M. (Center or Institute)	Transients in the Ultra-Deep Field	Private funding	\$75,735	24
Janko, Boldizsar	Spin Polarized Nanostructures at Interfaces of Superconductors and Diluted Magnetic Semiconductors: New Prospects for Tunable Quantum Dot Arrays	Argonne National Laboratory	\$49,056	12

Awards received during the period Aug-01-2003 to Aug-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Ruchti, Randal C.	CMS Hadron Calorimeter Project-Specialized Equipment	Fermi National Laboratory	\$3,586	12
Department or Office: Political Science				
Connolly, Barbara M.	Inter-State Bargaining and International Cooperation Amidst Institutional Overlap	Private funding	\$63,000	12
Department or Office: Psychology				
Borkowski, John Gregg Maxwell, Scott E. Whitman, Thomas Lee	Precursors of Retardation in Children with Teen Mothers	National Institutes of Health	\$249,404	36
Wenger, Michael J.	Changes in Memory Capacity Across the Lifespan	National Institutes of Health	\$71,825	12
<u>Awards for Instructional Programs</u>				
Department or Office: Mathematics				
Cao, Jianguo Nicolaescu, Liviu Liu, Xiaobo Hind, Richard K. Gursky, Matthew J.	Great Lakes Geometry Conference 2004	National Science Foundation	\$12,580	12
<u>Awards for Other Programs</u>				
Department or Office: Center for Social Concerns				
Caponigro, Jerome V.	Career Technical Training Program	Private funding	\$62,500	5

Proposals submitted during the period Aug-01-2003 to Aug-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Corke, Thomas C. Morris, Scott C.	Compressor Facility for Turbo-Jet Internal Flow Control Development	Department of the Air Force	\$203,354	12
Niebur, Glen L.	Experimental and Computational Study of Interbody Vertebral Fusion	Private funding	\$99,979	24
Department or Office:	Biological Sciences			
Duman, John G.	Antifreeze Proteins and Related Overwintering Adaptations of Artic and Subartic Insects	National Science Foundation	\$815,532	36
Narvaez, Carmen J.	Vitamin D Regulation and Bone Metastasis	Private funding	\$247,016	24
Pollard, Morris Suckow, Mark A.	Therapy of Hormone-Refractory Prostate Cancer in Lobund-Wistar Rats	Private funding	\$66,900	24
Welsh, JoEllen J. Zinser, Glendon M.	Vitamin D and Wnt/B-catenin signaling in mammary cells	Private funding	\$135,000	36
Department or Office:	Center for Pastoral Liturgy			
Kroeker, Charlotte	Four Loves: Themes & Variations in Music	Private funding	\$9,357	12

Proposals submitted during the period Aug-01-2003 to Aug-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office:	Chemical and Biomolecular Engineering			
McGinn, Paul J.	Optical Microscopy Imaging System for Fuel Cell and Related Materials Research	Department of Army	\$185,670	12
Wolf, Eduardo E.	Activity and Deactivation Studies of Promoted Sulfated Zirconia Catalysts for Alkane Isomerization	Private funding	\$120,000	36
Department or Office:	Chemistry and Biochemistry			
Baker, Brian M.	An Integrated Research and Teaching Program in Biochemistry and Molecular Biophysics	Private funding	\$75,000	12
Clark, Patricia L.	The Conformations of Beta-Sheet Folding Intermediates at the Intersection of Productive Folding and Aggregation	Private funding	\$75,000	12
Jacobs, Dennis C.	Charged Particle Ejection From Nanolayered Heterostructures	Department of the Air Force	\$375,000	36
Department or Office:	Economics			
Ghilarducci, Teresa	Doctoral Dissertation Research: Is wage discrimination against blacks and females related to higher or lower wages for whites and males?	National Science Foundation	\$4,320	12

Proposals submitted during the period Aug-01-2003 to Aug-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office:	Electrical Engineering			
Bernstein, Gary H.	Electron Beam Lithography System for Direct-Write and Mask Making	Department of the Air Force	\$523,800	12
Bernstein, Gary H.	Electron Beam Lithography System for Direct-Write and Mask Making	Department of Navy	\$523,800	12
Jena, Debdeep Merz, James L.	Molecular Beam Epitaxial System for III-V Nitride Semiconductors	Department of Navy	\$702,300	12
Jena, Debdeep	Distributed Polarization Induced P-Type Doping in III-V Nitride Semiconductors	Department of Navy	\$270,000	36
Department or Office:	Finance and Business Economics			
Bergstrand, Jeffrey H.	Causes and Consequences of the Growth of Regionalism	National Science Foundation	\$154,703	36
Gresik, Thomas A.	Limited Delegation	National Science Foundation	\$215,382	36
Department or Office:	George & Winifred Clark II (Chemistry)			
Miller, Marvin J.	Design, Syntheses and Studies of Novel Antituberculous Agents	National Institutes of Health	\$329,958	12

Proposals submitted during the period Aug-01-2003 to Aug-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Sociology				
Cardenas, Gilberto	Latino HIV/AIDS Education and Health Promotion Project	Health & Human Services	\$149,995	12

Proposals for Instructional Programs

Department or Office: Theology				
Cavadini, John C.	Faith Formation Leadership Program	Corporate funding	\$71,352	12

Awards and Proposal Summary

Centers and Institutes Report

08/01/2003 to 08/31/2003

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	2	\$107,566
Center for Tropical Disease Research & Training	1	\$108,000
Jacques Maritain Center	1	\$30,000
Nano Science and Technology Center	4	\$309,676
Robinson Community Learning Center	1	\$496,750
Walther Cancer Institute Chair I	1	\$194,955
Total:	10	\$1,246,947

Proposals Submitted

Department or Office	No.	Amount
Center for Flow Physics and Control	1	\$203,354
Center for Molecularly Engineered Materials	2	\$285,649
Institute for Church Life	2	\$80,709
Institute for Latino Studies	1	\$149,995
Nano Science and Technology Center	3	\$1,749,900
Total:	9	\$2,469,607

Awards and Proposal Summary

Centers and Institutes Report

07/01/2003 to 08/31/2003

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	2	\$107,566
Center for Environmental Science and Technology	1	\$10,000
Center for Flow Physics and Control	4	\$195,728
Center for Social Concerns	1	\$63,500
Center for Transgene Research	1	\$515,385
Center for Tropical Disease Research & Training	3	\$1,306,285
Institute for Latino Studies	3	\$75,282
Jacques Maritain Center	1	\$30,000
Kellogg Institute for International Studies	2	\$175,997
Nano Science and Technology Center	11	\$958,000
Robinson Community Learning Center	1	\$496,750
Walther Cancer Institute Chair I	1	\$194,955
Total:	31	\$4,129,448

Proposals Submitted

Department or Office	No.	Amount
Center for Astrophysics	1	\$499,770
Center for Children and Families	1	\$706,714
Center for Flow Physics and Control	3	\$854,348
Center for Molecularly Engineered Materials	4	\$1,112,015
Center for Transgene Research	2	\$474,492
Center for Tropical Disease Research & Training	3	\$803,775
Freimann Life Science Center	1	\$149,349
Institute for Church Life	2	\$80,709
Institute for Latino Studies	2	\$224,752
Kroc Institute for International Peace Studies	1	\$242,770
Nano Science and Technology Center	3	\$1,749,900
Nuclear Structure Laboratory	1	\$17,050
Walther Cancer Research Center	1	\$107,344
Total:	25	\$7,022,988

Awards received during the period Aug-01-2003 to Aug-31-2003

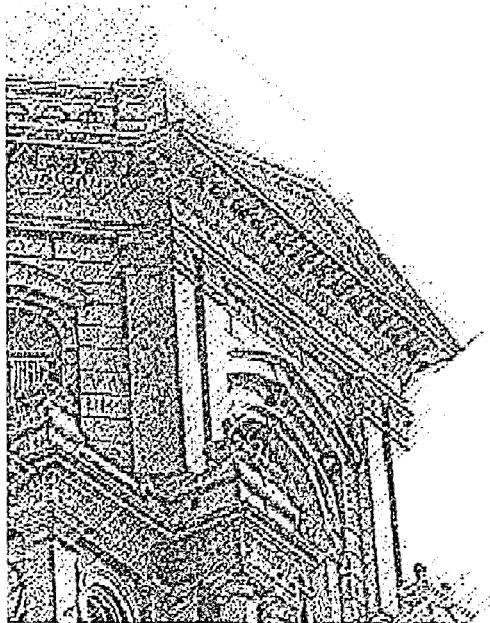
Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Award #
<u>Awards for Research</u>				
Department or Office: Center for Astrophysics				
Bennett, David P. (Center or Institute)	Resolution of the Source Star for a Candidate Planetary Gravitational Microlensing Event	Private funding	\$31,831	006088-001
Garnavich, Peter M. (Center or Institute)	Transients in the Ultra-Deep Field	Private funding	\$75,735	006089-001
Department or Office: Center for Tropical Disease Research & Training				
Ferdig, Michael T. (Center or Institute)	Genetic Control of Malaria Parasite Proliferation	National Institutes of Health	\$108,000	005780-001
Department or Office: Jacques Maritain Center				
McInerney, Ralph M. (Center or Institute)	Bradley Graduate and Post Graduate Fellowship Program for AY2003-04	Private funding	\$30,000	006084-001
Department or Office: Nano Science and Technology Center				
Seabaugh, Alan C. (Center or Institute)	Nanoelectromechanica Inertial Sensors	National Imagery and Mapping Agency	\$100,000	006083-001
Porod, Wolfgang (Center or Institute)	Second International Workshop on Quantum Dots for Quantum Computing and Classical Size Effect Circuits	Department of Army	\$9,900	006078-001
Seabaugh, Alan C. (Center or Institute)	Nanoelectromechanica Inertial Sensors	National Imagery and Mapping Agency	\$99,777	006083-001
Lieberman, Marya Lent, Craig S. Huber, Paul W. (Center or Institute)	NER: Hierarchical Self-Assembly of DNA Tiles	National Science Foundation	\$99,999	006100-001
Department or Office: Robinson Community Learning Center				
Caponigro, Jerome V. (Center or Institute)	Leading a Campaign for Violence Reduction	Department of Justice	\$496,750	006090-001
Department or Office: Walther Cancer Institute Chair I				
D'Souza-Schorey, Crislyn (Center or Institute)	Investigating the Therapeutic and Diagnostic Potential of Arfaptin 2 in Huntington's Disease	Private funding	\$194,955	006095-001

Proposals submitted during the period Aug-01-2003 to Aug-31-2003**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
<u>Proposals for Research</u>				
Department or Office:	Center for Flow Physics and Control			
Corke, Thomas C.	Compressor Facility for Turbo-Jet Internal Flow Control Development	Department of the Air Force	\$203,354	04020071
Morris, Scott C.				
Department or Office:	Center for Molecularly Engineered Materials			
Niebur, Glen L.	Experimental and Computational Study of Interbody Vertebral Fusion	Private funding	\$99,979	04030083
McGinn, Paul J.	Optical Microscopy Imaging System for Fuel Cell and Related Materials Research	Department of Army	\$185,670	04020066
Department or Office:	Institute for Church Life			
Kroeker, Charlotte	Four Loves: Themes & Variations in Music	Private funding	\$9,357	04020064
Department or Office:	Institute for Latino Studies			
Cardenas, Gilberto	Latino HIV/AIDS Education and Health Promotion Project	Health & Human Services	\$149,995	04020076
Department or Office:	Nano Science and Technology Center			
Jena, Debdeep	Molecular Beam Epitaxial System for III-V Nitride Semiconductors	Department of Navy	\$702,300	04020075
Merz, James L.				
Bernstein, Gary H.	Electron Beam Lithography System for Direct-Write and Mask Making	Department of Navy	\$523,800	04020072
Bernstein, Gary H.	Electron Beam Lithography System for Direct-Write and Mask Making	Department of the Air Force	\$523,800	04020073
<u>Proposals for Instructional Programs</u>				
Department or Office:	Institute for Church Life			
Cavadini, John C.	Faith Formation Leadership Program	Corporate funding	\$71,352	04020070

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