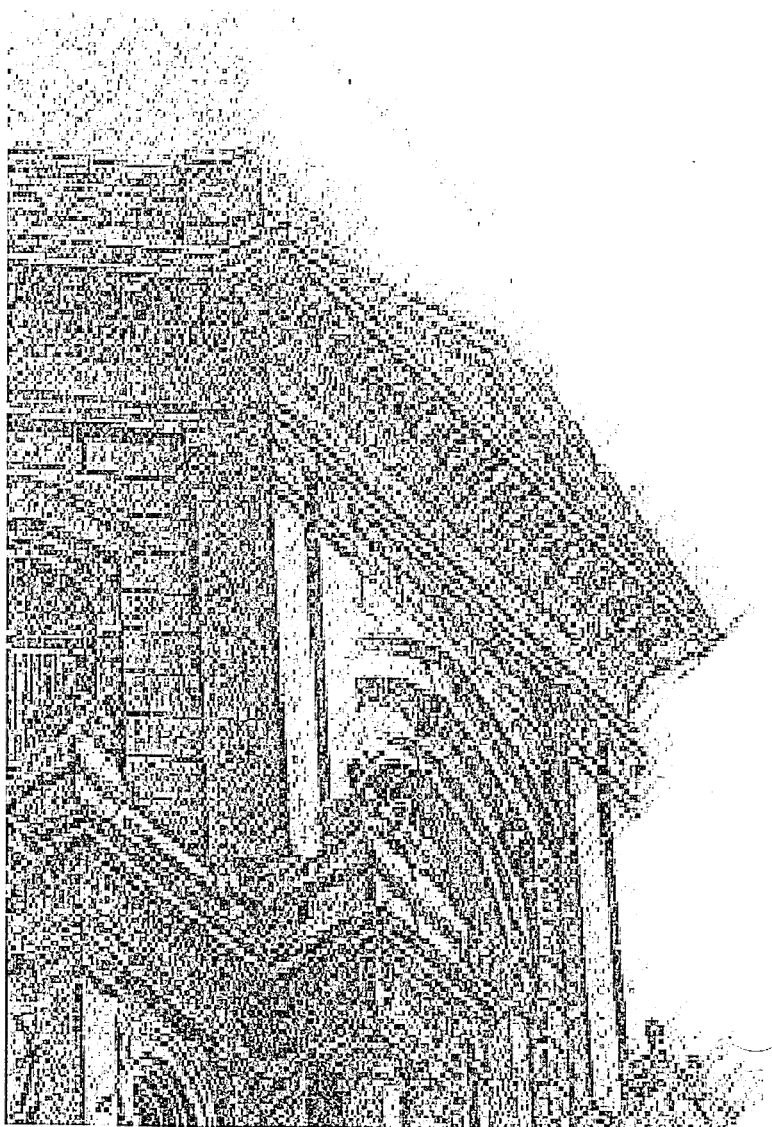


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Faculty Notes

Honors

Kirsten M. Christensen, assistant professor of German and Medieval Institute and Nanovic Institute fellow, was appointed to the Committee on the Status of Women in the Profession of the Modern Language Association, 2003–2006. She will serve as co-chair in 2004–2005 and chair in 2005–2006.

Kevin J. Christiano, associate professor of sociology, was appointed an advisory editor of *The Sociological Quarterly*, the official journal of the Midwest Sociological Society, published by the Univ. of California Press.

David F. Ruccio, associate professor of economics and policy studies and member of the Higgins Center for Labor Research Studies, received an Academic Freedom Award from the Indiana Conference of the American Association of University Professors.

Activities

Wendy Arons, assistant professor of film, television, and theatre and Nanovic Institute fellow, presented "Penthesilea: Unstageable Amazons and the Performance of Female Sexuality" at the annual conference of the Coalition of Women in German, Carrollton, Ky., Oct. 16–18.

Robert N. Barger, adjunct associate professor of computer applications, presented "Catholic Social Thought and Computer Ethics" at the "Catholic Social Thought Across the Curriculum" conference at the Univ. of Saint Thomas, St. Paul, Minn., Oct. 23–25.

Harvey A. Bender, professor of biological sciences, served as a consultant to the GEM (Graduate Education-Minorities) Program at its grant presentation session to the National Human Genome Research Institute board meeting, Seattle, Oct. 21–22.

Nora Besansky, professor of biological sciences, presented "Insights from Comparative Genomics of Malaria Vectors,"

an invited talk, at the "Genomics and Ro-teomics" symposium, and "The *Anopheles gambiae* Genome and Its Implications for African Malaria," an invited talk, at "The Great Endemic Diseases—Entomological Considerations," a symposium, at the 51st annual meeting of the Entomological Society of America, Oct. 27–29.

Kathleen Biddick, professor of history, gave an invited seminar on her new book *The Typological Imaginary: Circumcision, Technology, History* (Univ. of Pennsylvania Press, 2003) at the Premodern Studies Colloquium of the Univ. of Michigan, Ann Arbor, on Nov. 9.

D'Arcy J.D. Boulton, fellow and professional specialist in the Medieval Institute and concurrent associate professor of history, organized and presided at the colloquium of the Royal Heraldry Society of Canada, Montreal, on Oct. 25, where he presented "The Armorial Achievement and Its Insignia Elements: Concepts, Terms, Development, and Value" and presided over the election of new officers, presented an annual report of his activities as registrar of the faculty of fellows and chairman of the committee on academic affairs, presided at the annual meeting of the faculty of fellows, and attended a meeting of the board of directors. He was filmed on Oct. 21 for a video on the legend of King Arthur and its influence, to be aired on the History Channel in Sept. 2004.

Maureen B.M. Boulton, professor of Romance languages and fellow of the Medieval Institute, presented "Women as Book-collectors and Patrons in Late Medieval France" at the Notre Dame Gender Studies colloquium, Oct. 28.

William Carbonaro, assistant professor of sociology and fellow in the Institute for Educational Initiatives, was invited to present "Parent, Peer, and Teacher Influences on Student Effort and Academic Outcomes" at the Colloquium "Creation and Returns to Social Capital" held by the Royal Academy of Arts and Sciences in Amsterdam, the Netherlands, on Oct. 30.

Kirsten M. Christensen, assistant professor of German and Medieval Institute and Nanovic Institute fellow, presented the invited talk "*Unsichtbare Visionen: Visualisierungsstrategien in den Texten mittelalterliche Mystikerinnen*" at the Munich-Berlin-Urbana Medieval Studies Conference at the Univ. of Illinois, Nov. 1.

Norman Crowe, professor of architecture, presented "Lineaments and the Fabric of Architecture" at the combined meeting of the East Central and West Central Regions of the Association of Collegiate Schools of Architecture, Ball State Univ., Oct. 25.

Jay P. Dolan, professor emeritus of history, was the Scholar in Residence at Dominican College, Orangeburg, N.Y., Sept. 29–30, where he spoke to faculty and students on issues related to American Catholicism; delivered the Bellarmine Lecture at St. Louis Univ., "In Search of an American Catholicism," Oct. 30; and spoke on his book *In Search of an American Catholicism* at an author's luncheon, DePaul Univ., Nov. 6.

Umesh Garg, professor of physics, presented the invited talk "Current World Status of Experimental Research on the Isoscalar Giant Dipole Resonance" at the "ECT Workshop on Nuclear Response under Extreme Conditions," Trento, Italy, Oct. 20–24; the seminar "Exotic Quantal Rotation in Nuclei" at the Bhabha Atomic Research Center, Mumbai, India, Oct. 7, and again at the Tata Institute of Fundamental Research, Mumbai, Oct. 15; the colloquium "Nuclear Incompressibility" at Mumbai Univ., India, Oct. 8; and the colloquium "Squeezing the Nucleus to Get the Nuclear Incompressibility" at Bhabha Atomic Research Center, Mumbai, Oct. 17.

Nicole Stelle Garnett, associate professor of law, presented "Property Regulation and the Public Order" at the Univ. of Virginia School of Law, July 21; at Georgetown Law School, Environmental Policy Workshop, Sept. 11; at Arizona State Univ. School of Law, Sept. 16; and at the Univ. of San Diego School of Law, Sept. 19.

David M. Lodge, professor of biological sciences, served as a visiting scientific fellow on a fellowship awarded by the Dept. of Sustainable Environment (DSE), Victoria, Australia, and presented a seminar titled "Ecological Forecasting and Bioeconomic Risk Analysis of Invasive Species" at the

Centre for Research on Introduced Marine Pests in Hobart, Tasmania, Oct. 25; and talks on Nov. 5 at the DSE in Melbourne titled "Managing Invasive Species: A U.S. Perspective," on Nov. 6 at the Zoology Dept. at the Univ. of Melbourne titled "The Future for Management of Invasive Species," and on Nov. 6 at the CTC Conference Centre titled "Ecological Forecasting and Risk Analysis of Invasive Species."

Julia Marvin, assistant professor in the Program of Liberal Studies, presented "What the Writer of the Prose Brut Read" at the International Medieval Congress, Univ. of Leeds, July 14–17; and was an invited participant at "The Imagining History Colloquium," for the three-year AHRB-funded project "Imagining History: Medieval Texts, Contexts, and Communities in the English Brut Tradition," Queen's Univ., Belfast, June 7.

Simon Pimblott, associate professional specialist in the Radiation Laboratory, presented "Ultrafast Reactions of Energetic Species Produced by Ionizing Radiation" at the 56th Gaseous Electronics Conference, San Francisco, Oct. 21–24.

Joachim Rosenthal, the Notre Dame Professor of Applied Mathematics and concurrent professor of electrical engineering, presented "Three Challenges of Claude Shannon" at the Univ. of Wisconsin, Madison, Sept. 5, where he also gave the seminar talk "Public Key Cryptography and Semi-Group Actions"; and presented "Algebraic Methods in Cryptography" at the University College Cork, Ireland, on Oct. 20.

Alan Seabaugh, professor of electrical engineering, presented an invited talk "Difference-Defined Nanofabrication" at the DARPA Workshop on Massively Reconfigurable Microfabrication Tools in Napa, Calif., Oct. 29.

Neil Shay, associate professor of biological sciences, presented an invited seminar titled "Soy Isoflavones Regulate Lipid Metabolism Via PPAR and SREBP Regulatory Pathways" at Ohio State Univ., Oct. 30–31.

Kevin T. Vaughan, assistant professor of biological sciences, presented an invited seminar on research titled "Membranes, Motors and Microtubules: Where the Rubber Meets the Road" at McMaster Univ., Hamilton, Ontario, Canada, Oct. 27–29.

Publications

Francisco Aragón, visiting faculty fellow at the Institute for Latino Studies, published the poem "The Slide" in the anthology *How to be this Man* (Swan Scythe Press, 2003), S. McPherson, ed.; and "His Country of Iron Where He Lives," a translation of R. Darío, in *Chain*, No. 10: Translucinación.

Wendy Arons, assistant professor of film, television, and theatre and Nanovic Institute fellow, published "'Laß mich sein, was ich bin.'" Karoline Schulze-Kummerfeld's Performance of a Lifetime," *The German Quarterly* 76.1 (winter 2003): 68–85; and "Phedre," a performance review, *Theatre Journal* 55.2 (May): 323–325.

Norman Crowe, professor of architecture, published "Evolution as Paradigm in Architecture and Urbanism" in the online publication *Biomimicry* (Sept.), and his commentaries as juror in the 20th annual Reconstruction Awards design competition for renovation and restoration of historic buildings, *Building Design and Construction Magazine* (Oct.).

Jay P. Dolan, professor emeritus of history, published the paperback edition of *In Search of an American Catholicism: A History of Religion and Culture in Tension* (New York: Oxford Univ. Press, 2003).

Peter M. Garnavich, associate professor of physics, published "Optical Spectra of the Type 1a Supernova 1998aq" with D. Branch, T. Matheson, et al., *Astrophysical Journal* 126 (Sept.): 1489–1498; "Cosmological Results from High-*z* Supernovae" with J. Tonry, B.P. Schmidt, et al., *ibid.* 594 (Sept. 1): 1; "Hubble Space Telescope Observations of High-Velocity Ly α and H α Emission from Supernova Remnant 1987A: The Structure and Development of the Reserve Shock" with M. Eli, R. McCray, et al., *ibid.* 593 (Aug. 20): 809; "Limits on Eclipses of the Pre-Main-Sequence Star KH 15D in the First Half of the 20th Century" with J.N. Winn, et al., *ibid.* 593 (Aug. 20): L121; and "Spectroscopic Discovery of the Supernova 2003dh Associated with GRB 030329" with K.Z. Stanek, T. Matheson, et al., *ibid.* 591 (July 1): L17.

Anna Goussiou, assistant professor of physics, published "tt Production Cross Section in *p-p* Collisions at $\sqrt{s}=1.8$ TeV"

with V.M. Abazov, et al., *Physical Review D* 67 (2003): 012004 (53 pp.).

Maureen T. Hallinan, director of the Center for Research on Educational Opportunity, Institute for Educational Initiatives, and the White Professor of Sociology, edited *Stability and Change in American Education: Structure, Process and Outcomes* with A. Gamoran, W. Kubitschek, and T. Loveless (Clinton Corners, N.Y.: Eliot Werner Publications, Inc., 2003).

Prashant V. Kamat, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, published "Mechanism of Hydroxyl Radical-Induced Breakdown of the Herbicide 2,4-Dichlorophenoxyacetic Acid (2,4-D)," written with **Julie Peller**, visiting scholar in the Radiation Laboratory, and **Olaf Wiest**, associate professor of chemistry and biochemistry, *Chem. Eur. J.* 9 (2003):5379–5387.

Larry O. Lamm, associate research professor of physics, published "A Zero-to-Few Hundred eV Proton Beam, for Calibrations of Neutron β Decay Experiments" with F. Naab, W. Zech, A. García, and P. Mumm, *Nuclear Instruments and Methods in Physics Research B* 197 (2003): 278–281.

Grant Mathews, professor of physics and director of the Center for Astrophysics, published "Europium Isotope Ratios in s-Process Element-Enhanced Metal-Poor Stars: A New Probe of the 151Sm Branching," written with W. Aoki, S.G. Ryan, N. Iwamoto, T.C. Beers, J.E. Norris, H. Ando, and T. Kajino, *Astrophysics Journal Letters* 592 (2003): L67–L70.

Timothy C. Ovaert, professor of aerospace and mechanical engineering, published "The Stress and Displacement Fields Produced in a Semi-Infinite Solid by a Uniform Heat Source over a Rectangular Area on the Surface" with Y. Lin, *ASME Transactions, Journal of Tribology* 125, No. 4 (2003): 709–712.

Mary Prorok, research associate professor of chemistry and biochemistry, published "Structure Function Analysis of the Streptokinase Amino Terminus (Residues 1–59) with L.V. Mundada; Melanie E. DeFord, associate professional specialist in chemistry and biochemistry and assistant director of the Keck Center for Transgene Research; M.

Figuera; **Francis J. Castellino**, dean emeritus of Science and the Kleiderer-Pezold Professor of Chemistry and Biochemistry; and W.P. Fay, *The Journal of Biological Chemistry* 278 (2003): 24421–24427; and “Direct Binding Properties of Conantokins to Native *N*-Methyl-D-Aspartate Receptors,” written with R.C. Klein and Francis J. Castellino, *The Journal of Peptide Research* 61 (2003): 307–317.

David F. Ruccio, associate professor of economics and policy studies and member of the Higgins Center for Labor Research Studies, published *Postmodern Moments in Modern Economics*, written with J. Amariglio (Princeton: Princeton Univ. Press, 2003).

Robert H. Schuler, the Rev. Zahm, C.S.C., Professor Emeritus of Radiation Chemistry, published “Radical Yields in the Radiolysis

of Branched Hydrocarbons: Tertiary C-H Bond Rupture in 2,3-Dimethylpentane, and 3-Ethylpentane,” written with L. Wojnarovits, *J. Phys. Chem. A* 107, No. 43 (2003): 9240–9247.

Olaf Wiest, associate professor of chemistry and biochemistry, published “Structure and Reactivity of Hydrocarbon Radical Cations” with J. Osgaard and N. Saettel, *Advances in Physical Organic Chemistry* 38 (2003): 87–109; “Mechanism of Hydroxyl Radical-Induced Breakdown of the Herbicide 2,4-Dichlorophenoxyacetic Acid (2,4-D),” written with **Julie Peller**, visiting scholar in the Radiation Laboratory, and **Prashant V. Kamat**, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, *Chemistry A European Journal* 9 (2003): 5379–5387.

Andreas Woehr, research assistant professor of physics, published “ $N = 82$ shell Quenching of the Classical r -Process ‘Waiting Point’ Nucleus ^{130}Cd ” with I. Dillman, et al, *Physical Review Letters* 91, No. 16 (Oct. 17): 162503-1–162503-4.

Jaroslav Zajicek, professional specialist in chemistry and biochemistry, published “Binding and Orientation of Conantokins in PL Vesicles and Aligned PL Multilayers,” written with Q. Dai, **Francis J. Castellino**, dean emeritus of Science and the Kleiderer-Pezold Professor of Chemistry and Biochemistry, and **Mary Prorok**, research associate professor of chemistry and biochemistry, *Biochemistry* 42 (2003): 12511–12521.

Administrators' Notes

Activities

Rex Rakow, director of Security Police, presented “Special Events Planning in a Post-09/11 World” at a seminar of the Indiana State Univ. Dept. of Criminal Justice and the Indiana Campus Law Enforcement Administrators Association, Indiana Univ., Terre Haute, Oct. 10.

Publications

Alan S. Bigger, director of Building Services, published “Take This Job and Shove It—or—Do I Really Care?” with L.B. Bigger, *Executive Housekeeping Today* 24, No. 11 (Nov.): 6–7.

Documentation

University Committee on Women Faculty and Students

April 14, 2003

Members present: Teresa Godwin Phelps (chair), Joan Aldous, Charlotte Ames, Elizabeth Bishop, Mary Rose D'Angelo, Barbara Mangione, Megan Markey, Carolyn Nordstrom, Maura Ryan, Katherine Spiess

Members absent: Jennifer Anthony, Patricia Bellia, Patricia Maurice, Martiqua Post, Carol Tanner

Guests: Rev. Mark Poorman, C.S.C., Vice President for Student Affairs

Observers present: Rhonda Brown, Director, Office of Institutional Equity; Mary Hendriksen, reporter

1. Minutes of the meeting of March 27, 2003: The minutes of the meeting of March 27, 2003, were approved after Prof.

Spiess clarified her statement concerning resources available at South Bend's Madison Center for treating eating disorders.

2. Discussion with Fr. Mark Poorman, C.S.C., Vice President, Student Affairs: Throughout the year, Committee members have discussed several issues affecting women students that are under the jurisdiction of the Office of Student Affairs or pertain to matters under its jurisdiction. The Rev. Mark Poorman, C.S.C., Vice President, Student Affairs, was invited to the

meeting today to answer questions, give updates on issues, and hold a general discussion with Committee members on issues of particular interest to women students.

(a) Equity in University housing and other residence hall issues: This year and last, Committee members have addressed the issue of equity between University men's and women's residence halls—specifically, the different number and job responsibilities of assistant rectors in women's halls and men's halls (and the concomitant lack of job opportunities for female graduate and law students to be assistant rectors); the sometimes inappropriate and intrusive behavior of security monitors in the women's residence halls; and the unequal application and enforcement of University rules in women's halls and men's halls.

Addressing the issue of the number of assistant rectors, Fr. Poorman explained that the original rationale for staffing men's and women's halls differently was the presence of all-night security monitors in women's residence halls. The thinking was that security monitors would "stand in" for one assistant rector in the women's halls. Yet, Fr. Poorman said, because assistant rectors and security monitors have very different duties, he, too, favors adding an assistant rector to each women's hall that now has only one.

Fr. Poorman continued that while the issue of residence-hall staffing has been addressed in strategic planning for Student Affairs, it may take some time to build consensus on this issue. Over the last several years, there has been a culture change at the University concerning a rector's duties. While a rector's presence in the hall and availability to students will always be essential components of that position, many rectors have moved away from a notion of total availability toward a practice of "duty nights." Moreover, the rectors often divide these responsibilities with assistant rectors. Still, there is no single perspective on the issue. Some women rectors have stated that they prefer having a security monitor on duty rather than adding an assistant rector to the residence-hall staff.

As for the role of the security monitors, Fr. Poorman pointed out that they are under the jurisdiction of Notre Dame Security and are technically not members of the hall

staff. While the monitors are in place to assist the rectors and to serve the hall communities, different rectors have very different ideas about what this means. Some want the security monitors to deal only with narrowly defined security functions; others prefer that they function in the hall almost as "super RAs."

Prof. Nordstrom explained that every year her students submit ethnographies of Notre Dame life. She has concluded in reading them that the security monitors can, in fact, have the unintended result of making women students vulnerable to danger. Given the fact that security in women's dorms is generally stronger than in men's, both sexes tend to go to men's dorms before and after parietals. This can leave some women more at risk. The risk is greater after parietals: Women have reported that if they find themselves in men's dorms after parietals, they may stay the night rather than be caught re-entering their own dorm late.

Fr. Poorman expressed doubt about the likelihood of this scenario. Nevertheless, he said, the University may require new models for security—both for men's and women's residence halls. As stated in Student Affairs' strategic plan, that issue is slated for study.

Expressing her belief that mixed-gender residence halls would lead to healthier relationships between men and women students at Notre Dame, Prof. Aldous asked whether Student Affairs contemplates offering students this option for University housing.

Fr. Poorman responded that his office plans to conduct focus groups this fall on the issue of the future of residentiality at the University. He said that the availability of a coed housing option on campus is a subject that bears frequent reexamination if residence-hall life is to remain central to students' experience at Notre Dame. He pointed out that there is enormous loyalty to single-sex residence halls on the part of many associated with the University. Student Affairs' strategic plan recommends the construction of four new residence halls, and the possibility of a coed housing option will be explored as part of his office's overall assessment of residential living.

(b) Eating disorders on campus: At the Committee's last meeting, members heard a

presentation by Allie Swiacki, a member of A Life Uncommon—a faith-based student group at Notre Dame centered around such issues as eating disorders, food and body image problems, stress, and sexual violence and harassment. [See Notre Dame Report, Vol. 32, No. 17, pp. 405-408 (May 9, 2003)] Referring to this presentation, Prof. Ryan asked Fr. Poorman whether Student Affairs' strategic plan calls for adding more counselors trained in treating eating disorders to the University Counseling Center's staff.

Fr. Poorman explained that beginning in the 2002–2003 academic year, the Counseling Center began employing a full-time therapist with a specialty in eating disorders, Valerie Staples, and a half-time nutritionist. They have had very favorable reviews from students and staff and a huge impact on services in this area. While the positions of these staff members are "hard-lined" in the budget, currently, there are no plans to increase the number of counselors at the Center who treat eating disorders.

Several members responded that they believe Fr. Poorman is underestimating the seriousness of this problem at Notre Dame. At the very least, Prof. Nordstrom said, Student Affairs should provide greater training to rectors on assessing individual students' food and body image problems and how they may refer students for professional help.

Fr. Poorman replied that he has a great deal of confidence in the rectors in dealing with this issue—saying that they are both very attuned to the culture of undergraduates and quite sophisticated in their treatment of this issue. In fact, he feels that in the last few years there has been heightened awareness among rectors of the problem of eating disorders. Their role in assisting students has been critical.

Prof. Phelps said that some students are reluctant to discuss food and body image problems with their rectors. While stating her belief that adding more counselors trained in these issues to the University Counseling Center should be a priority, she urged Fr. Poorman to work with members of A Life Uncommon to institute mandatory sessions both for rectors and students on food and body image issues. Given that A Life Uncommon is a student group, Prof. Phelps said, these sessions could be held at

virtually no expense to the University. She added that some evidence exists that residents of mixed-gender dormitories are less likely to suffer from eating disorders.

(c) Clustering of women in underrepresented majors in residence halls: Prof. Phelps raised the next topic of discussion: clustering women in certain underrepresented majors at the University—for example, engineering—within residence halls. She said that in the Committee's discussion this year with Cathy Pieronek, Director of the Women's Engineering Program at Notre Dame [see *Notre Dame Report*, Vol. 32, No. 8, pp. 216-219, Oct. 4, 2002], Ms. Pieronek said that while there are many reasons for the higher attrition rate in engineering for women students, one way that high rate might be reduced is improving the quality of relationships women engineering students have with other students. Ms. Pieronek pointed out that because the starting place for relationships for first-year women is the residence halls, Notre Dame's policy of random room assignments results in fewer opportunities for first-year women engineering students than their male counterparts to find academic and emotional support among their peers. Given Ms. Pieronek's assessment, Prof. Phelps asked, would clustering in the residence halls for underrepresented majors be a practice Fr. Poorman would support?

Fr. Poorman responded that he does not support the idea. The foundation of Notre Dame's residence halls is the policy of first-year random room assignments. First, he said, assigning rooms to first-year students based on their intended majors would be a phantom sorting mechanism, as many first-year students change their major. Moreover, at other times, various groups have requested clustering for other reasons—for example, race or ethnicity—yet, Student Affairs has always decided against the practice. He believes there are great benefits to building community among students with a wide variety of interests and backgrounds, and through the hall staffs, there are structures in place to provide students with the support they need.

Prof. Phelps responded that perhaps a more nuanced approach than an all-engineering floor would be acceptable. If, for example, women were clustered not by floor but, to some extent, by residence hall, they would

still benefit from the diversity offered by random room assignments yet be able to escape the isolation and lack of support that many women in underrepresented majors find so troubling.

Prof. D'Angelo observed that women in underrepresented majors receive many messages about the unacceptability of their course of study. If, for example, first-year engineering students were assigned to residence halls with senior engineering students, some of the negative messages they receive could be countered.

Fr. Poorman responded that the reasons for the high attrition rate of both men and women from certain majors is complex. He believes that evidence is tenuous at best on the benefits clustering might provide to women in underrepresented majors.

(d) The incidence of rape on campus: Prof. Phelps observed that there seems to be a wall of secrecy around the issue of rape on campus. In the last month alone, four students told her of incidents in which they or others were raped—although none of the incidents were formally reported to Student Affairs. She believes that a major reason for students' reluctance to report rapes is a fear by women students that if they do so, the perpetrator will retaliate by reporting incidences of consensual sexual relations.

Fr. Poorman responded that the University does have several tools for combating sexual assault and rape. First, Ava Preacher, assistant dean in the College of Arts and Letters, is the designated resource person for all victims—faculty and students—of sexual assault. She has provided invaluable assistance to many who have been victimized, and she is equipped as well to be a resource to faculty members and others who encounter victims of sexual assault. In addition, there is a large sexual assault prevention and education group, the Sexual Assault Advisory Committee, with a membership comprised of Notre Dame and Saint Mary's College administrators, faculty, and students as well as a representative of the office of Sexual Offense Services of Madison Center.

Prof. Phelps expressed her belief that more extensive treatment of sexual assault, date rape, and related issues is critical at first-year students' orientation. While, now, some discussion of those issues occurs, it is

only within a large group setting. What is necessary are small, single-sex groups with a more focused discussion and, perhaps, playacting or similar activities.

Fr. Poorman answered that while Dean Kolman in the First-year of Studies Program is responsible for the content of Orientation weekend, he believes it is critical that students receive an early exposure to several issues—particularly, alcohol and drug abuse, diversity, gay and lesbian issues, and sexual assault. While a large-group session may not be the ideal forum for any of these topics, it is important that students discuss each of them during their first few weeks on campus. The sexual assault prevention program currently takes place on the Monday of Orientation, so it is the first of these topics to be discussed with the students.

Prof. Aldous said that leaflets explaining what to do in case of rape should be readily available in all residence halls.

Fr. Poorman responded that laminated posters explaining what to do in cases of sexual assault were developed as a cooperative effort between Student Government and Student Affairs, and they have been posted in residence halls and academic buildings throughout campus.

(e) Better integration between academic and residential spheres at Notre Dame: Prof. Ryan asked Fr. Poorman what ideas were under study for better integrating the academic and residential spheres of the University. She cited Yale's hall fellows program, in which faculty members live in the dormitories—almost in the role of hosts—as a program that aims to bring the two spheres closer together for students.

Fr. Poorman said he agrees that the University must challenge the attitude of some students that academic life occurs from 9 to 5 and that the rest of their time should be dedicated to "non-academic" activities. While that may be the attitude of some students, others are seeking a more integrated life at the University and want to find avenues for intellectual engagement both within and outside of the classroom. The challenge for his office and the Office of the Provost is putting these two conceptions of student life together.

Recently, he continued, Student Affairs conducted a benchmarking study of eight other institutions. They found, for example, that at Rice University, some faculty live in large houses next to the residence halls. This enables the faculty members to hold seminars and other "life of the mind" activities for students. Notre Dame has long had a hall fellows program that pairs faculty members with residence halls. It has been successful in some halls, less so in others.

Fr. Poorman noted that while there has been some success at other institutions with variations of a hall fellows program, it is important not to lionize these programs. Notre Dame's peer institutions report facing the same challenges as does Notre Dame on the difficulties of integrating academics and residence life. Often, the faculty who participate in various programs do so only for the short term, for they, too, want a life apart from the institution. Thus, these programs are difficult to sustain over time. Moreover, hall fellows may not have the same understanding of undergraduates and their culture as do the members of a trained staff whose job it is to be aware of current student needs and concerns. The idea, though, is one that his office continues to explore, particularly in connection with new residence halls. New construction may offer the opportunity to create the space and amenities in a residence hall that might make possible a faculty-in-residence program.

(f) Culture of Notre Dame's campus: Prof. Phelps explained that Committee members have discussed this year how the culture of Notre Dame can sometimes be demeaning to women. The *Keenan Revue* is a prime example. Another example would be a poster she saw recently for a residence-hall party saying "Beer and Girls" would be available. That is a poster the Student Activities Office approved. At times, she said, there appears to be a "boys will be boys" attitude on the part of the administration towards such behavior.

Fr. Poorman replied that he and his staff are committed to creating an inclusive atmosphere in which all members of the Notre Dame community are respected and valued. He does not believe that either the administration or individual rectors display or condone a different attitude. They are dedicated professionals who are attuned to

the ideals of an environment of higher education and seek to challenge themselves and students to attaining those ideals.

Two Committee members expressed their disagreement with Fr. Poorman's assessment. Ms. Ames said that the aspirations he sets forth do not seem to be realized. She believes there to be a culture of denial and a culture of silence on campus. Prof. D'Angelo said that displays of what some might consider merely juvenile behavior—for example, a "No Fat Chicks" banner hanging on the outside wall of a men's residence hall—are symptoms of a serious problem.

Fr. Poorman agreed that, certainly, there is still work to be done on these issues. He pointed out that when offensive situations occur, it is important that groups such as this Committee are in place to provide an avenue for complaints. He said that at one time, he was a member of this Committee. He would advocate that the Committee again include some male members. Issues discussed today should be of grave concern to all members of the Notre Dame community.

Prof. Phelps thanked Fr. Poorman for his willingness to discuss issues affecting women students with Committee members. She adjourned the meeting at 5:45 p.m.

Research

Awards and Proposal Summary

10/01/2003 to 10/31/2003

Awards Received

Category	No.	Amount
Research	26	\$3,823,535
Instructional Programs	4	\$251,452
Total:	30	\$4,074,987

Proposals Submitted

Category	No.	Amount
Research	98	\$43,288,466
Total:	98	\$43,288,466

October 2003 Cumulative summary

Awards Received

Category	07.01.2001 - 10.31.2001		07.01.2002 - 10.31.2002		07.01.2003 - 10.31.2003	
	No.	Amount	No.	Amount	No.	Amount
Research	163	\$17,197,804	118	\$23,389,847	148	\$25,534,821
Facilities and Equipment						
Instructional Programs	9	\$1,184,402	5	\$766,901	8	\$1,166,443
Other Programs					1	\$62,500
Service Programs						
Total:	172	\$18,382,206	123	\$24,156,748	157	\$26,763,764

Proposals Submitted

Category	07.01.2001 - 10.31.2001		07.01.2002 - 10.31.2002		07.01.2003 - 10.31.2003	
	No.	Amount	No.	Amount	No.	Amount
Research	246	\$81,178,680	222	\$64,450,778	259	\$103,712,956
Facilities and Equipment						
Instructional Programs	4	\$3,590,812	5	\$1,693,104	2	\$88,533
Other Programs						
Service Programs						
Total:	250	\$84,769,492	227	\$66,143,882	261	\$103,801,489

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 Oct-01-2003 to Oct-31-2003

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office: Aerospace and Mechanical Engineering				
Corke, Thomas C.	High-Bandwidth High-Resolution Sensor for Hypersonic Flows	Corporate Funding	\$54,990	9
Jumper, Eric J.	High Cycle Fatigue (HCF) Correction Program	U.S. Air Force Academy	\$7,500	9
Jumper, Eric J. (Center or Institute)	Adaptive Optics for Turbulent Shear Layers	Department of the Air Force	\$52,500	24
Jumper, Eric J. (Center or Institute)	Directed Energy Beam Improvement Using Flow Excitation (DEBI-FX)	Corporate Funding	\$49,910	18
Jumper, Eric J.	Jet Engine Test Facility	U.S. Air Force Academy	\$8,757	19
Powers, Joseph M Paolucci, Samuel (Center or Institute)	Multiscale Modeling of Combustion of Energetic Materials	Los Alamos National Laboratory	\$63,000	17
Renaud, John E. (Center or Institute)	Trust Region Meta-Model Management for the Design of a High Speed Supercavitating Vehicle	Department of Navy	\$60,000	30
Schmid, Steven R. Niebur, Glen L.	Development of the HSM Material for Orthopedic Applications	Corporate Funding	\$35,000	7
Department or Office: Biological Sciences				
Belovsky, Gary E.	Brine Shrimp Population Dynamics Research	Utah State University	\$51,040	24
Lodge, David M	Quantifying Pathways of Nonindigenous Aquatic Species	University of Illinois-Urbana-Champaign	\$65,000	24

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

Investigator(s)	Title	Sponsor	Dollars	Months
Suckow, Mark Allen (Center or Institute)	2003-04 IPA Agreement	Veteran Affairs Medical Center	\$12,000	12
Department or Office:	Center for Pastoral Liturgy			
Kroeker, Charlotte (Center or Institute)	"Four Loves: Themes and Variations in Dance," Performance and Lecture	Indiana Arts Commission	\$2,357	12
Department or Office:	Chemical Engineering			
McGinn, Paul J McCready, Mark J (Center or Institute)	Center for Advanced Fuel Cell Technology	21st Century Research & Technology Fund	\$1,856,363	24
Varma, Arvind (Center or Institute)	Request to Support International Symposium On Chemical Reaction Engineering (ISCRE 18)	National Science Foundation	\$25,000	12
Department or Office:	Chemistry and Biochemistry			
Carmichael, Ian C. Ferraudi, Guillermo Helman, W. Phillip Kamat, Prashant Madden, Keith P. LaVerne, Jay A. Guldi, Dirk Hug, Gordon L. Chipman, Daniel M. Tripathi, Gorakh Nath R. Bentley, John J. Pimblott, Simon M. Meisel, Dan (Center or Institute)	Radiation and Photochemistry in Condensed Phase	Department of Energy	\$105,000	12

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

Investigator(s)	Title	Sponsor	Dollars	Months
Serianni, Anthony S.	Glucose Modification of Proteins in Diabetic Nephropathy	Vanderbilt University	\$42,600	10
Department or Office:	College of Engineering			
Incropera, Frank P Cunningham, Robert J	Nanotechnology Engineering Center at the University of Notre Dame	Department of Energy	\$962,000	56
Department or Office:	Electrical Engineering			
Jena, Debdeep	Distributed Polarization Induced P-Type Doping in III-V Nitride Semiconductors	Department of Navy	\$90,000	36
Porod, Wolfgang (Center or Institute)	Physically-Coupled Nanostructures for Locally-Interconnected Circuit Architectures	Department of Navy	\$70,000	36
Department or Office:	Film, Television, and Theatre			
Chalmers, Jessica	Avanti!	Private Funding	\$25,000	17
Department or Office:	Mathematics			
Hu, Bei Han, Qing Himonas, Alex A. Misiolek, Gerard K. Nicholls, David P.	Conference: Partial Differential Equations and Applications	University of Minnesota	\$4,000	12
Migliore, Juan C	Ideals of Generic Forms and the Strong Lefschetz Property	National Security Agency	\$24,063	24
Department or Office:	Physics			
Bennett, David P. (Center or Institute)	Gravitational Microlensing in the NGC 3314A-B Galaxy Pair	Private Funding	\$96,696	39

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

Investigator(s)	Title	Sponsor	Dollars	Months
Kolata, James J.	Research with Radioactive Nuclear Beams	University of Michigan	\$37,173	12
Ruchti, Randal C.	CMS Hadron Calorimeter Project-Specialized Equipment	Fermi National Laboratory	\$3,586	10
Department or Office:	The Graduate School (Vice President)			
Hilliard, Richard A.	Purdue-Notre Dame Collaboration on Human Subjects Protections	Purdue University	\$20,000	12
Awards for Instructional Programs				
Department or Office:	Biological Sciences			
Diffley, Peter	Fellowship Program in Economics	Private Funding	\$5,000	12
Department or Office:	Center for Social Concerns			
Caponigro, Jerome V.	After School Program 2003-04	City of South Bend	\$3,531	9
Caponigro, Jerome V.	After School Program 2003-04	City of South Bend	\$5,125	9
Department or Office:	Psychology			
Borelli, Mario Pope-Davis, Donald B. (Center or Institute)	CANDAX-ME McNair	Department of Education	\$237,796	48

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

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Jumper, Eric J.	Adaptive-Optic Correction Demonstration for Laser Propagation Through a Transonic Separated Shear Layer	Department of Defense	\$554,886	12
Jumper, Eric J.	Delta Proposal-Directed Energy Beam Improvement Using Flow Excitation (DEB_FX) for AVTIP	Corporate Funding	\$49,910	4
Morris, Scott C.	Fluid Dynamics and Acoustics of a Ducted Propulsion System	Department of Navy	\$20,000	8
Morris, Scott C. Corke, Thomas C.	Tip-Clearance Control Using Blade Mounted Plasma Actuators	Department of the Air Force	\$404,000	36
Niebur, Glen L.	Evaluation of Micro-Finite Element Analysis for Assessment of the Effect of Mineralization on Trabecular Bone Mechanical Properties	Corporate Funding	\$4,158	3
Schmid, Steven R. Niebur, Glen L.	A New Material for Bone and Soft Tissue Scaffolding	National Science Foundation	\$268,631	36
Department or Office:	American Studies			
Johansen, Ruthann K.	The Unmasking Force of Words	Private Funding	\$36,000	9

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

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Anthropology				
Schurr, Mark R.	Comparative Surveys of Menominee Village Locations in Marshall County, Indiana	Indiana Department of Natural Resources	\$41,979	10
Schurr, Mark R.	Angel Site: New Approaches, New Perspectives	Private Funding	\$40,000	9
Smith, Kimbra L.	Revitalizing Democratic Access to Labor Rights: Addressing Issues Facing Immigrant Workers in Elkhart County	Indiana Campus Compact	\$2,000	12
Department or Office: Art, Art History and Design				
Rhodes, Robin F.	Project for the Study and Publication of the Greek Stone Architecture of Corinth	National Endowment for the Humanities	\$257,922	36
Department or Office: Biological Sciences				
Belovsky, Gary E.	UMEB: Comparative Ecology: Perspectives on Environments Across Space, Time, and Cultures	National Science Foundation	\$499,966	48
Besansky, Nora J.	Administrative Supplement to RO1-A148842	National Institutes of Health	\$60,000	-11988
Fraser, Malcolm J.	Development of piggyBac Transgenesis in Zebrafish	National Institutes of Health	\$204,188	12

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

Investigator(s)	Title	Sponsor	Dollars	Months
Li, Lei	Centrifugal Modulation of Vertebrate Visual Sensitivity	National Institutes of Health	\$179,780	12
Li, Lei	Searching for Visual System Mutations in Adult Zebrafish	National Institutes of Health	\$247,253	12
McDowell, Mary A.	Differential Signal Transduction in Leishmania-Infected Macrophages and Dendritic Cells	Corporate Funding	\$314,013	36
O'Tousa, Joseph E.	Genetic Analysis of Retinal Degeneration	National Institutes of Health	\$314,998	12
Shay, Neil F.	Soy Supplements Interact with Cholesterol Lowering Drugs	National Institutes of Health	\$185,625	12
Suckow, Mark A.	Hemostatic Factors and Hypercoagulation	I.U. School Medicine	\$148,500	10
Vaughan, Kevin T.	Dynactin and Organelle Search-Capture	Private Funding	\$864,396	48
Department or Office:	Chemical and Biomolecular Engineering			
McGinn, Paul J.	Characterization of Microstructure Features in Oxide Dielectrics by Scanning Microwave Microscopy	National Science Foundation	\$183,092	36

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

Investigator(s)	Title	Sponsor	Dollars	Months
Mukasyan, Alexander S.	Repairing Refractory Materials in Space by Using Combustion Approaches	National Aeronautics and Space Administration	\$492,926	48
Palmer, Andre F. Chang, Hsueh-Chia	Designing Stable Liposomes For Drug Delivery	Penn State University	\$75,250	12
Department or Office:	Chemistry and Biochemistry			
Castellino, Francis J.	Blood Coagulation Protein-metal Ion-Lipid Interactions	National Institutes of Health	\$371,250	12
Castellino, Francis J.	Hemostatic Balance & Arterial Thrombosis	Indiana University School of Medicine-N.W. Center	\$86,625	10
Lieberman, Marya	Nanoscale Electromolecular Lithography	University of California-Los Angeles	\$466,000	48
Department or Office:	Civil Engineering and Geological Sciences			
Burns, Peter C.	Impact of Uranyl Alteration Phases of Spent Fuel on Mobility of Np in Yucca Mountain	Department of Energy	\$697,343	36
Department or Office:	Classics, The			
Mazurek, Elizabeth F.	Autobiography and Genre in Ovid	Harvard University	\$44,550	9
Mazurek, Elizabeth F.	Autobiography and Genre in Ovid	National Humanities Center	\$30,000	9

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

Investigator(s)	Title	Sponsor	Dollars	Months
Sheerin, Daniel J. Leyerle, Blake Bloomer, W. Martin	Nets of Knowledge in Late Antiquity: Manuals, Commentaries, Miscellanies	National Endowment for the Humanities	\$276,549	36
Department or Office:	Computer Science & Engineering			
Izaguirre, Jesus A. Seabaugh, Alan C. Paolucci, Samuel	NIRT: Multiscale Continuum-Molecular Dynamics Modeling of Nano and Micro-fluidic Devices	National Science Foundation	\$1,322,275	48
Department or Office:	East Asian Languages and Literatures			
Lin, Sylvia L.	Commemorating National Trauma: Representing the 2/28 Incident and White Terror in Taiwan	Private Funding	\$30,000	9
Department or Office:	Electrical Engineering			
Fay, Patrick J. Bernstein, Gary H.	Quilt Packaging: A New Paradigm for High Performance, Heterogeneous System-in-Package	National Science Foundation	\$566,733	36
Hall, Douglas C.	Coupled Micro-Ring Resonator Tunable Lasers and Filters	National Science Foundation	\$356,312	36
Lemmon, Michael D.	Scalable Decentralized Control Over Ad Hoc Sensor Actuator Networks	National Science Foundation	\$267,104	36

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

Investigator(s)	Title	Sponsor	Dollars	Months
Lent, Craig S. Fehlner, Thomas P. Kandel, S. A. Snider, Gregory L. Lieberman, Marya	NIRT: Field-Effect Switching of Molecular Change	National Science Foundation	\$1,997,537	48
Lent, Craig S. Seabaugh, Alan C. Kogge, Peter M. Lieberman, Marya	NSEC: Development of Molecular Integrated Nanoelectronics	National Science Foundation	\$19,803,938	60
Merz, James L. Jena, Debdeep Furdyna, Jacek K. Mintairov, Alexander	NIRT:Nano-piezo-spectros of Semiconductor Nanostructures	National Science Foundation	\$1,642,066	48
Orlov, Alexei Snider, Gregory L.	Single-Electron Memory with Background Charge Sensitive Operation	National Science Foundation	\$267,249	36
Porod, Wolfgang Bernstein, Gary H.	NIRT: Nanoscale Magnetic Loop Devices for Magnetically-Coupled Computing Logic	National Science Foundation	\$1,988,714	48
Seabaugh, Alan C.	Difference-Defined Nanofabrication	National Science Foundation	\$129,336	12

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

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: English				
Huk, Romana C.	Trying to Say "God": In the Arc of Postmodern Theory	Private Funding	\$40,000	5
Nolan, Maura B.	English Fortune: The Early History of a Literary Idea	Private Funding	\$30,000	9
Nolan, Maura B.	English Fortune: The Early History of a Literary Idea	National Humanities Center	\$30,000	9
O'Keeffe, Katherine O.	Alfred's Mirror: Subjectivity and Identity in Anglo-Saxon England	Private Funding	\$50,000	9
O'Keeffe, Katherine O.	Alfred's Mirror: Subjectivity and Identity in Anglo-Saxon England	Private Funding	\$50,000	9
Vanden Bossche, Chris R.	The Selected Works of Thomas Carlyle: An Annotated Critical Edition	National Endowment for the Humanities	\$181,506	36
Department or Office: German and Russian Languages and Literatures				
Hosle, Vittorio G.	Structures of Philosophical Dialogues	Stanford Humanities Center	\$50,000	9
Hosle, Vittorio G.	Structures of Philosophical Dialogues	Private Funding	\$50,000	9
Hosle, Vittorio G.	Structures of Philosophical Dialogues	National Humanities Center	\$50,000	9

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

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: History				
Murray, Dian H.	China, the Church, and the Middle Kingdom Complex	Private Funding	\$42,200	9
Thomas, Julia A.	Photography and Democracy: Between History and Sex in Occupied Japan	Private Funding	\$75,000	9
Department or Office: Institute for Latino Studies				
Ready, Timothy	Border Kids Count	Private Funding	\$14,989	7
Sun, Wei				
Chun, Sung-Chang				
Department or Office: Kroc Institute for International Peace Studies				
Cortright, David B.	The Secure America Project	Private Funding	\$89,100	12
Lopez, George A.				
Department or Office: Mathematics				
Barron, Katrina D.	Algebraic Structures Arising from the Worldsheet Geometry of Superconformal Field Theory	Department of Defense	\$52,348	24
Barron, Katrina D.	Algebraic Structures Arising from the Worldsheet geometry of Superconformal Field Theory	National Science Foundation	\$185,973	36

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

Investigator(s)	Title	Sponsor	Dollars	Months
Cao, Jianguo	Geometric Analysis on Semi-hyperbolic Spaces with Variable Curvature	National Science Foundation	\$104,579	36
Chandler, Karen A.	Cohomological Methods on Geometric Invariants	National Science Foundation	\$100,907	36
Chaturvedi, Rajiv	NIRT: Integrated Multi-Scale Modeling from Molecular Motors to Cells to Tissues to Organ	Indiana University Bloomington	\$395,145	48
Evens, Samuel R.	Geometry and Representation Theory	National Science Foundation	\$94,649	36
Faybusovich, Leonid	Interior-Point Methods of Optimization: extensions and applications	National Science Foundation	\$398,755	60
Gekhtman, Michael	Collaborative Research: Hurwitz Numbers, Teichmuller Spaces, Achubert Calculus and Cluster Algebra	National Science Foundation	\$195,934	36
Himonas, Alex A. Cosimano, Thomas F.	Integral Equations from Economics and Finance	National Science Foundation	\$425,570	36
Hu, Bei	Partial Differential Equations and Applications	National Science Foundation	\$117,109	36

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

Investigator(s)	Title	Sponsor	Dollars	Months
McNinch, George J.	Reductive Groups in Positive Characteristics	Department of Defense	\$26,000	24
McNinch, George J.	Reductive Groups in Positive Characteristics	National Science Foundation	\$85,470	36
Sigal, Israel Michael	Quantum and Classical Evolution	National Science Foundation	\$341,940	36
Smyth, Brian B.	Problems in Surface Theory and Mathematical Physics	National Science Foundation	\$251,501	36
Department or Office:	Music			
Johnson, Paul G.	How Composers Learn	Private Funding	\$35,000	9
Department or Office:	Philosophy			
Joy, Lynn S.	Making Sense of Normativity	Private Funding	\$50,000	9
Joy, Lynn S.	Making Sense of Normativity	Private Funding	\$36,000	9
Rea, Michael C.	New Directions Fellowships	Private Funding	\$90,445	12
Rea, Michael C.	Against Presentism: A Defense of the Reality of Past and Future Times	National Endowment for the Humanities	\$5,000	3

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

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Physics				
Jessop, Collin	Upgrade of BaBar Drift Chamber Data Acquisition System and Study of Electromagnetic Radiative Decays of the B Meson	National Science Foundation	\$781,413	36
Blackstead, Howard A. Seabaugh, Alan C.	Bipolar Cryoelectronics	National Science Foundation	\$749,950	48
LoSecco, John M. Tanner, Carol E.	Research in Practical Aspects of Optical Quantum Computing	U.S. Army Research Institute	\$678,186	36
Ruggiero, Steven T.	Critical-Current Suppression in SIS Mixers	Jet Propulsion Laboratory	\$100,000	18
Ruggiero, Steven T.	Solid-State Microrefridgerators for Operating Cryogenic Sensors at 100mK and Below	National Aeronautics and Space Administration	\$163,959	36
Sapirstein, Jonathan R.	Weak and Electromagnetic Radiative Corrections in Atomic Physics	National Science Foundation	\$12,202	12
Department or Office: Preprofessional Studies				
Navari, Rudolph M. Miller, Marvin J. Kulpa, Charles F.	2004 Scholars Program	Private Funding	\$52,800	36

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

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Program of Liberal Studies				
Affeldt, Steven G.	The Citizen as The Legislator: Self-Transformation, Exemplarity, and the Constitution of Society in Rousseau's Social Contract	Private Funding	\$25,000	9
Affeldt, Steven G.	The Citizen as Legislator: Self-Transformation, Exemplarity, and the Constitution of Society in Rousseau's Social Contract	Private Funding	\$40,000	9
Affeldt, Steven G.	The Citizen as The Legislator: Self-Transformation, Exemplarity, and the Constitution of Society in Rousseau's Social Contract	Private Funding	\$30,000	9
Reydams-Schils, Gretchen J.	Calcidius' Commentary on Plato's Timaeus	Private Funding	\$77,176	9
Department or Office: Psychology				
Eberhard, Kathleen M. Scheutz, Matthias J. Ryan-Scheutz, Colleen M.	Overcoming Interference in Second Language Acquisition	National Institutes of Health	\$74,250	12

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

Investigator(s)	Title	Sponsor	Dollars	Months
Schuster, Christof Bergeman, Cindy S. Wenger, Michael J. Yuan, Ke-Hai Maxwell, Scott E. Boker, Steven M.	Notre Dame Series on Quantitative Methodology	National Institutes of Health	\$28,938	12
Department or Office:	Radiation Laboratory			
Guldi, Dirk M.	Composite Thin Films of Single Wall Carbon Nanotubes and Polymers	Oklahoma State University	\$296,836	60
Guldi, Dirk M.	Long Range Electron Transfer Between Porphyrins and (60) Fullerene in Rotaxanes and Catenanes	New York University	\$296,836	48
Department or Office:	Romance Languages and Literatures			
Coly, Ayo A.	Expatriate African Women Writers and the Relocation of Home	Private Funding	\$50,000	9
Coly, Ayo A.	Expatriate African Women Writers and the Relocatin of Home	Columbia University	\$53,400	9
Coly, Ayo A.	Expatriate African Women Writers and the Relocation of Home	Stanford Humanties Center	\$35,000	9

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

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Sociology				
Halton, Eugene W.	The Stuff of Life: Storing the Self	Private Funding	\$36,000	9
Halton, Eugene W.	The Stuff of Life: Storing the Self	Private Funding	\$50,000	10
Yamane, David A.	Real Stories of Christian Initiation: Lessons for and from the RCIA	Valparaiso University	\$8,346	8
Department or Office: Theology				
Herd, Jennifer A.	Hypocrisy Among the Virtues	Private Funding	\$40,000	9
Herd, Jennifer A.	Hypocrisy Among the Virtues	Private Funding	\$40,000	9
Prugl, Thomas J.	The Interpretation of the Book of Job in the Middle Ages	Private Funding	\$30,000	9

Awards and Proposal Summary

Centers and Institutes Report

10/01/2003 to 10/31/2003

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	1	\$96,696
Center for Flow Physics and Control	4	\$225,410
Center for Molecularly Engineered Materials	2	\$1,881,363
Freimann Life Science Center	1	\$12,000
Institute for Church Life	1	\$2,357
Nano Science and Technology Center	1	\$70,000
Radiation Laboratory	1	\$105,000
TRIO Programs	1	\$237,796
Total:	12	\$2,630,622

Proposals Submitted

Department or Office	No.	Amount
Center for Flow Physics and Control	4	\$1,028,796
Center for Transgene Research	2	\$457,875
Center for Tropical Disease Research & Training	2	\$374,013
Center for Zebrafish Research	3	\$631,221
Chemical and Biomolecular Engineering	1	\$75,250
Environmental Research Center	1	\$499,966
Freimann Life Science Center	1	\$148,500
Institute for Latino Studies	2	\$16,989
Kroc Institute for International Peace Studies	2	\$119,100
Nano Science and Technology Center	7	\$26,484,636
Radiation Laboratory	2	\$593,672
Total:	27	\$30,430,018

Awards and Proposal Summary

Centers and Institutes Report

07/01/2003 to 10/31/2003

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	3	\$204,262
Center for Children and Families	3	\$1,909,082
Center for Environmental Science and Technology	1	\$10,000
Center for Flow Physics and Control	9	\$504,566
Center for Molecularly Engineered Materials	2	\$1,881,363
Center for Social Concerns	1	\$63,500
Center for Transgene Research	2	\$977,376
Center for Tropical Disease Research & Training	5	\$1,464,285
Environmental Molecular Science Institute	1	\$1,200,000
Freimann Life Science Center	1	\$12,000
Institute for Church Life	2	\$4,357
Institute for Latino Studies	4	\$125,282
Jacques Maritain Center	1	\$30,000
Kellogg Institute for International Studies	3	\$246,997
Nano Science and Technology Center	12	\$1,028,000
Radiation Laboratory	2	\$143,219
Robinson Community Learning Center	1	\$496,750
TRIO Programs	3	\$1,076,707
Walther Cancer Research Center	1	\$194,955
Total:	57	\$11,572,701

Proposals Submitted

Department or Office	No.	Amount
Center for Astrophysics	2	\$741,770
Center for Children and Families	2	\$1,422,916
Center for Civil and Human Rights	1	\$494,047
Center for Flow Physics and Control	9	\$1,953,180
Center for Molecularly Engineered Materials	4	\$1,112,015
Center for Transgene Research	4	\$932,367
Center for Tropical Disease Research & Training	5	\$1,177,788
Center for Zebrafish Research	3	\$631,221
Chemical and Biomolecular Engineering	1	\$75,250
Environmental Research Center	1	\$499,966
Freimann Life Science Center	2	\$297,849
Institute for Church Life	2	\$80,709
Institute for Latino Studies	5	\$726,741

Awards and Proposal Summary**Centers and Institutes Report****07/01/2003 to 10/31/2003**

Department or Office	No.	Amount
Kroc Institute for International Peace Studies	4	\$391,870
Lobund Laboratory	2	\$391,135
Nano Science and Technology Center	15	\$29,310,409
Nuclear Structure Laboratory	1	\$17,050
Radiation Laboratory	3	\$17,713,540
Walther Cancer Research Center	3	\$525,379
Total:	69	\$58,495,202

Awards received during the period Oct-01-2003 to Oct-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)	Gravitational Microlensing in the NGC 3314A-B Galaxy Pair	Private Funding	\$96,696	005786-001
Department or Office:	Center for Flow Physics and Control			
Jumper, Eric J. (Center or Institute)	Adaptive Optics for Turbulent Shear Layers	Department of the Air Force	\$52,500	005919-001
Powers, Joseph M Paolucci, Samuel (Center or Institute)	Multiscale Modeling of Combustion of Energetic Materials	Los Alamos National Laboratory	\$63,000	005711-001
Renaud, John E. (Center or Institute)	Trust Region Meta-Model Management for the Design of a High Speed Supercavitating Vehicle	Department of Navy	\$60,000	005778-001
Jumper, Eric J. (Center or Institute)	Directed Energy Beam Improvement Using Flow Excitation (DEBI-FX)	Corporate Funding	\$49,910	005845-001
Department or Office:	Center for Molecularly Engineered Materials			
Varma, Arvind (Center or Institute)	Request to Support International Symposium On Chemical Reaction Engineering (ISCRE 18)	National Science Foundation	\$25,000	006135-001
McGinn, Paul J McCready, Mark J (Center or Institute)	Center for Advanced Fuel Cell Technology	21st Century Research & Technology Fund	\$1,856,363	006121-001
Department or Office:	Freimann Life Science Center			
Suckow, Mark Allen (Center or Institute)	2003-04 IPA Agreement	Veteran Affairs Medical Center	\$12,000	000388-001
Department or Office:	Institute for Church Life			
Kroeker, Charlotte (Center or Institute)	"Four Loves: Themes and Variations in Dance," Performance and Lecture	Indiana Arts Commission	\$2,357	006131-001

Awards received during the period Oct-01-2003 to Oct-31-2003**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Award #
Department or Office: Nano Science and Technology Center				
Porod, Wolfgang (Center or Institute)	Physically-Coupled Nanostructures for Locally-Interconnected Circuit Architectures	Department of Navy	\$70,000	005927-001
Department or Office: Radiation Laboratory				
Carmichael, Ian C. Ferraudi, Guillermo Helman, W. Phillip Kamat, Prashant Madden, Keith P. LaVerne, Jay A. Guldi, Dirk Hug, Gordon L. Chipman, Daniel M. Tripathi, Gorakh Nath R. Bentley, John J. Pimblott, Simon M. Meisel, Dan (Center or Institute)	Radiation and Photochemistry in Condensed Phase	Department of Energy	\$105,000	000351-001

Awards for Instructional Programs

Department or Office: TRIO Programs				
Borelli, Mario Pope-Davis, Donald B. (Center or Institute)	CANDAX-ME McNair	Department of Education	\$237,796	005202-001

Proposals submitted during the period Oct-01-2003 to Oct-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			
Morris, Scott C.	Fluid Dynamics and Acoustics of a Ducted Propulsion System	Department of Navy	\$20,000	04040250
Morris, Scott C. Corke, Thomas C.	Tip-Clearance Control Using Blade Mounted Plasma Actuators	Department of the Air Force	\$404,000	04040230
Jumper, Eric J.	Adaptive-Optic Correction Demonstration for Laser Propagation Through a Transonic Separated Shear Layer	Department of Defense	\$554,886	04040184
Jumper, Eric J.	Delta Proposal-Directed Energy Beam Improvement Using Flow Excitation (DEB_FX) for AVTIP	Corporate Funding	\$49,910	04040201
Department or Office:	Center for Transgene Research			
Castellino, Francis J.	Blood Coagulation Protein-metal Ion-Lipid Interactions	National Institutes of Health	\$371,250	04040236
Castellino, Francis J.	Hemostatic Balance & Arterial Thrombosis	Indiana University School of Medicine-N.W. Center	\$86,625	04040229
Department or Office:	Center for Tropical Disease Research & Training			
McDowell, Mary A.	Differential Signal Transduction in Leishmania-Infected Macrophages and Dendritic Cells	Corporate Funding	\$314,013	04040246
Besansky, Nora J.	Administrative Supplement to RO1-A148842	National Institutes of Health	\$60,000	04040176
Department or Office:	Center for Zebrafish Research			
Li, Lei	Centrifugal Modulation of Vertebrate Visual Sensitivity	National Institutes of Health	\$179,780	04040190
Fraser, Malcolm J.	Development of piggyBac Transgenesis in Zebrafish	National Institutes of Health	\$204,188	04040169
Li, Lei	Searching for Visual System Mutations in Adult Zebrafish	National Institutes of Health	\$247,253	04040189

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

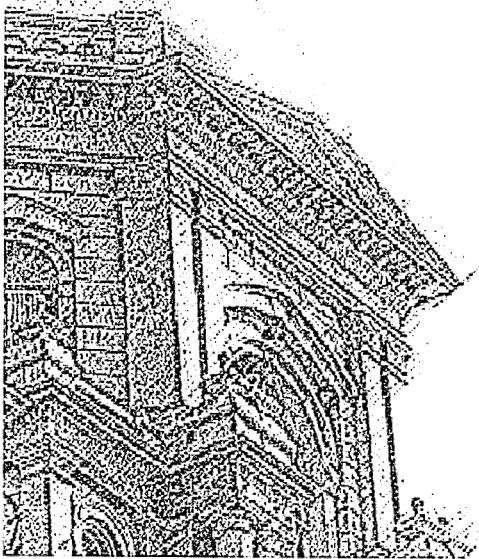
Investigator(s)	Title	Sponsor	Dollars	Proposal #
Department or Office:	Chemical and Biomolecular Engineering			
Palmer, Andre F.	Designing Stable	Penn State University	\$75,250	04040206
Chang, Hsueh-Chia	Liposomes For Drug Delivery			
Department or Office:	Environmental Research Center			
Belovsky, Gary E.	UMEB: Comparative Ecology: Perspectives on Environments Across Space, Time, and Cultures	National Science Foundation	\$499,966	04040243
Department or Office:	Freimann Life Science Center			
Suckow, Mark A.	Hemostatic Factors and Hypercoagulation	I.U. School Medicine	\$148,500	04040178
Department or Office:	Institute for Latino Studies			
Ready, Timothy	Border Kids Count	Private Funding	\$14,989	04040259
Sun, Wei				
Chun, Sung-Chang				
Smith, Kimbra L.	Revitalizing Democratic Access to Labor Rights: Addressing Issues Facing Immigrant Workers in Elkhart County	Indiana Campus Compact	\$2,000	04040195
Department or Office:	Kroc Institute for International Peace Studies			
Cortright, David B.	The Secure America Project	Private Funding	\$89,100	04040207
Lopez, George A.				
Nolan, Maura B.	English Fortune: The Early History of a Literary Idea	Private Funding	\$30,000	04040186
Department or Office:	Nano Science and Technology Center			
Seabaugh, Alan C.	Difference-Defined Nanofabrication	National Science Foundation	\$129,336	04040234
Fay, Patrick J.	Quilt Packaging: A New Paradigm for High Performance, Heterogeneous System-in-Package	National Science Foundation	\$566,733	04040185
Bernstein, Gary H.				
Merz, James L.	NIRT: Nano-piezö-spectroscopy of Semiconductor Nanostructures	National Science Foundation	\$1,642,066	04040232
Jena, Debdeep				
Furdyna, Jacek K.				
Mintairov, Alexander				

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

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Investigator(s)	Title	Sponsor	Dollars	Proposal #
Lent, Craig S. Fehlner, Thomas P. Kandel, S. A. Snider, Gregory L. Lieberman, Marya	NIRT: Field-Effect Switching of Molecular Change	National Science Foundation	\$1,997,537	04040226
Lent, Craig S. Seabaugh, Alan C. Kogge, Peter M. Lieberman, Marya	NSEC: Development of Molecular Integrated Nanoelectronics	National Science Foundation	\$19,803,938	04040220
Hall, Douglas C.	Coupled Micro-Ring Resonator Tunable Lasers and Filters	National Science Foundation	\$356,312	04040192
Porod, Wolfgang Bernstein, Gary H.	NIRT: Nanoscale Magnetic Loop Devices for Magnetically-Coupled Computing Logic	National Science Foundation	\$1,988,714	04040219
Department or Office:	Radiation Laboratory			
Guldi, Dirk M.	Composite Thin Films of Single Wall Carbon Nanotubes and Polymers	Oklahoma State University	\$296,836	04040221
Guldi, Dirk M.	Long Range Electron Transfer Between Porphyrins and (60) Fullerene in Rotaxanes and Catenanes	New York University	\$296,836	04040211

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Notre Dame Media Group
502 Grace Hall
Notre Dame IN 46556-5612
(574) 631-4633
e-mail: ndreport.1@nd.edu

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