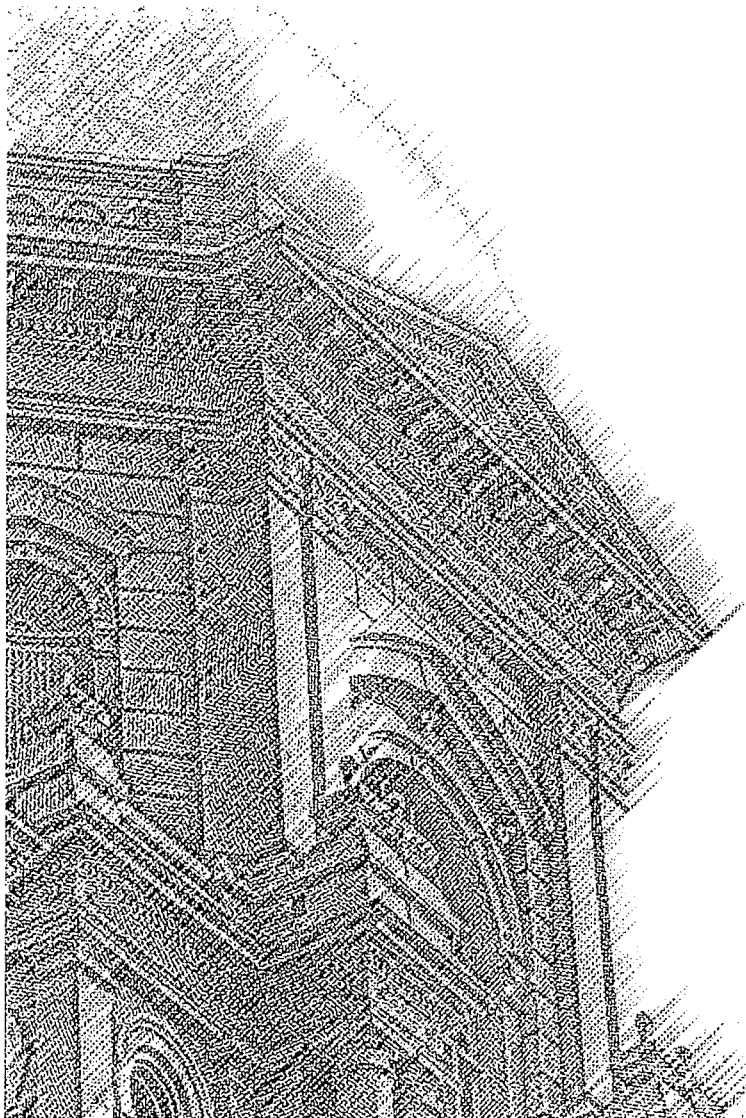


Notre Dame Report



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Faculty Notes

Honors

Panos J. Antsaklis, Brosey Professor of Electrical Engineering and director of the Center for Applied Mathematics was invited by the president of the Max-Planck-Gesellschaft, Germany to join the Scientific Advisory Board (Fachbeirat) of the Max-Planck-Institut für Dynamik komplexer technischer Systeme in Magdeburg for a six-year term.

John Darby, professor of comparative ethnic studies and Kroc Institute fellow, was appointed to the International Advisory Board of the *Global Review of Ethnopolitics* (University of Bath, England).

Nicholas Isherwood, visiting assistant professor of music, was selected for the jury of the Early Music Section of the Conservatoire Régional de Musique in Paris in late May and early June.

Cynthia Mahmood, associate professor of anthropology and senior Kroc Institute fellow, received an Award for Excellence from the Sikh Centennial Foundation. This award celebrates an individual seen as upholding the highest ideals of the Sikh religion and as being a model of a person on the godly path for others to follow. Since she is not a Sikh, it is a special honor to have been chosen to receive this recognition.

Dean A. Porter, director emeritus of the Snite Museum of Art, was appointed to the board of directors of the National Center for American Western Art, Kerrville, Tex.; and was appointed to the Board of the South Bend Regional Museum of Art.

Ursula Williams, associate professional specialist and director of the Language Resource Center, was named software review editor of the online journal *The Reading Matrix* (readingmatrix.com/journal.html).

Activities

Joseph P. Bauer, professor of law, participated as a commentator at the second annual Midwest Antitrust Colloquium on April 5 entitled "Institute For Consumer Antitrust Studies" at Loyola Univ., Chicago School of Law.

Peter Cholak, associate professor of mathematics, presented a logic colloquium entitled "Extensions Theorems and Automorphisms of the Computably Enumerable Sets" at the Univ. of Wisconsin, Madison, April 3.

Lawrence Cunningham, O'Brien Professor of Theology, presented the annual Newman Foundation Lecture "The Church in the New Millennium," Univ. of Kentucky, Mar. 1; and the plenary address "Thomas Merton: Monastic Peace Maker" at a conference on Catholic Peace Makers, Villanova Univ., Mar. 22.

William G. Dwyer, Hank Professor of Mathematics, presented the opening lecture "Cellular Approximation in Algebra and Topology" at the International Conference on Algebraic Topology held at Northwestern Univ., Evanston, Mar. 24-28.

James A. Glazier, associate professor of physics, presented the colloquium "How Cells Know Where to Go" at the Univ. of Missouri, Columbia, Feb. 18, and again at Washington Univ., St. Louis, Mar. 12; and the special seminar "Correlated Cell Velocities and Anomalous Diffusion in Cell Aggregates" at the Univ. of Missouri College of Engineer, Feb. 19.

Joachim Görres, research professor of physics, presented the invited talk "Reaction Rates for Helium Burning" at the 11th workshop on Nuclear Astrophysics, Ringberg Castle, Germany, Feb. 12.

Glenn Hendler, associate professor of English and acting director of the Program in Gender Studies, was a guest on the WBEZ Chicago Public Radio show *Odyssey* on the topic of "The dangers of reinterpreting art," on April 1.

Frank P. Incropera, Matthew H. McCloskey Dean of Engineering and Brosey Professor of Mechanical Engineering, was invited by the Deutsche Akademische Austausch Dienst to lecture and participate in panel discussions on "Future Trends in Engineering Education and Research" at the Univ. of Bonn, Mar. 11, the Technical University of Karlsruhe, Mar. 13, the Technical Univ. of Munich, Mar. 14, and the Technical Univ. of Berlin, Mar. 15.

Nicholas Isherwood, visiting assistant professor of music, presented concerts at the Hot House in Chicago (music by

R. Mitchell for CUBE), Caen Conservatory ("Oresteia" by I. Xenakis), the Goethe Institut in Paris ("El Cimarrón" by H.W. Henze), and the Oratorio del Gonfalone in Rome (baroque monodies) in March and April.

Ian Kuijt, associate professor of anthropology, presented "Geomagnetic Surveys at the Pre-Pottery Neolithic, A period site of Dhra', Jordan: Results and Potential", with **Mark R. Schurr**, assistant professor of anthropology, and B. Finlayson, "Constructing a Regional Settlement Pattern Based on Intra-Site Data: A Case Study from the Upper Columbia Region of the Northwest" with W. Prentiss and N. Goodale, and "The Pre-Pottery Neolithic A Period Chipped Stone Assemblage of Dhra', Jordan: Preliminary Results on Intra Assemblage Variation" with B. Finlayson and N. Goodale, all at the 67th annual meeting of the Society for American Archaeology, Denver, in March; "Models of Agriculture: A Critical Examination of Neolithic Food Storage and Mortuary Practices" to the Prehistory Dept., Faculty of Letters, Univ. of Istanbul, Turkey, in March; "Population Pressure, Social Inequality, and Early Agricultural Communities" to the Centre National De La Recherche Scientifique, Sophia Antipolis, France, in February; and "Social and Economic Explanations for the Origins of Food Production: Expectations, Data, and Challenges in Modeling the Near Eastern Neolithic" at Transitions: Perspectives from Anthropology Speaker Series, Dept. of Anthropology, Northwestern Univ., in January.

John LoSecco, professor of physics, presented the particle physics seminar "The Binary Pulsar(s) as a Probe of Extra Dimensions," Univ. of Cincinnati, Mar. 8.

Ernan McMullin, O'Hara Professor Emeritus of Philosophy, codelivered the annual Cuming Lectures at University College, Dublin, with B. van Fraassen, Oct. 30 through Nov. 1, speaking on "Scientific Realism: For and Against"; delivered the annual Coffa Lecture at Indiana Univ. on Nov. 30, on "Formalism and Ontology in Early Astronomy"; and presented "Philosophy of Science and Philosophy of Religion" and on "Anthropic Explanation in Recent Cosmology" at the California Institute of Technology, Mar. 8.

Juan Migliore, professor of mathematics, gave the colloquium talk "Not-so-dangerous Liaisons" at Utah State Univ., April 4.

Peter R. Moody Jr., professor of government and international studies, gave a "China Update" to the current events study group at the Forever Learning Institute, Mar. 20.

Liviu Nicolaescu, assistant professor of mathematics, presented the invited talk "Seiberg-Witten Invariants and Surface Singularities" at the conference "Geometry and Topology in Dimensions 3 and 4," Ohio State Univ., Mar. 28-30.

Joachim Rosenthal, professor of mathematics and concurrent professor of electrical engineering, gave the colloquium talk "Public Key Cryptography, e-Commerce, and Number Theory" at Saint Mary's Univ. of Minnesota on Mar. 15; and gave the colloquium talk entitled "Three Challenges of Claude Shannon" at Northern Illinois Univ., DeKalb, April 5.

Colleen Ryan-Scheutz, assistant professor of Italian, presented "The Novel as a 'Structure that Wants to be Another Structure': Pasolini's *Teorema*" at the Film, Image, Text conference at SUNY Binghamton, Feb. 16.

Thomas Scheffler, Rockefeller Visiting Fellow at the Kroc Institute, gave an invited talk on "Apocalypticism, Inner-worldly Eschatology, and Islamic Extremism" at the symposium "Die islamische Moderne als politische Theologie?", Schloss Elmau, Bavaria, Germany, Mar. 25.

Robert P. Schmuhl, professor of American studies and director of the Gallivan Program in Journalism, Ethics and Democracy, discussed "The Year in Review" on the program "Extension 720" at WGN in Chicago, Dec. 27; and gave an invited talk "The State of the American Presidency" at St. Paul's Retirement Community, South Bend, Feb. 14.

Mark R. Schurr, assistant professor of anthropology, served as chair for the session "Archaeology of the Near East through the Iron Age" at the 67th annual meeting of the Society for American Archaeology, Denver, in March.

J. Eric Smithburn, professor of law, presented "International Child Abduc-

tion and the Hague Convention: What You Need to Know" at the National Conference on Juvenile Justice, Houston, Mar. 25.

Julianne Turner, associate professor, Institute for Educational Initiatives, and concurrent associate professor of psychology, coauthored and presented "What is the Role of Affect in Theories of Motivation? Some Empirical, Theoretical, and Methodological Considerations" with D.K. Meyer, at the annual meeting of the American Educational Research Association, New Orleans, in April.

James VanderKam, O'Brien Professor of Theology, delivered the Schaff Lectures ("The Dead Sea Scrolls and the Old Testament," "The Dead Sea Scrolls and Early Judaism," and "The Dead Sea Scrolls and the New Testament") at Pittsburgh Theological Seminary.

Raimo Väyrynen, professor of government and international studies and senior fellow of the Kroc Institute, presented "Peace, Markets, and Society: Karl Polanyi's Contribution to the Theory of War and Peace" at the 43rd annual convention of the International Studies Association, New Orleans, Mar. 23-27, where he also served as discussant in an interdisciplinary forum on the relations between international relations and the international political economy.

Robert P. Vecchio, Schurz Professor of Management, gave the invited presentation "Leadership and Gender" at the Trent Lott Leadership Institute, Oxford, Miss., Mar. 22.

Michael Wiescher, Freimann Professor of Physics, presented an invited lecture at the 19th autumn school on "New Perspectives with Nuclear Radioactivity" in Lisbon; a colloquium "The Fate of Matter on Accreting Neutron Stars" at the Argonne National Laboratory, Feb. 15; the seminar "The Origin of Fluorine" at Ohio Univ., Athens, Feb. 15; and the seminar "The Fate of Matter on Accreting Neutron Stars" at the Univ. of Illinois, Urbana, Mar. 6. He also served on the organizing committees for the workshop on TRIUMF-TRAP, Vancouver, B.C., and for the topical workshop on "Nuclear Astrophysics at the Limits of Stability" at the DNP/APS fall meeting, East Lansing.

Ursula Williams, associate professional specialist and director of the Language Resource Center, presented "No One Is an Island: Campus Computing and Language Resource Centers" at the Computer-Assisted Language Instruction Colloquium (CALICO) conference at UC Davis, Mar. 29.

Publications

Doris L. Bergen, associate professor of history, published "An Easy Target? The Controversy about Pius XII and the Holocaust" in *Pope Pius XII and the Holocaust*, C. Rittner and J.K. Roth, eds. (New York: Continuum, 2002): 105-19.

Lawrence Cunningham, O'Brien Professor of Theology, published "Religion Book Notes" in *Commonweal* cxxix (Mar. 22): 27-30.

John Darby, professor of comparative ethnic studies, Kroc Institute, and R. Mac Ginty, published *Guns and Government: The Management of the Northern Ireland Peace Process* (Basingstoke England, and New York: Palgrave/Macmillan, 2002): 226, which publication was selected as "Book of the week" by nuzhound.com, a Web site concentrating on publications on Ireland, in March.

Dennis P. Doordan, associate professor of architecture and concurrent associate professor of art, published "Toledo Tomorrow: The 1945 Plan of Toledo" in *The Alliance of Art and Industry: Toledo Designs for a Modern America*, T.A. Neff, ed. (New York: Hudson Hills Press, 2002): 55-66.

Joachim Görres, research professor of physics, coauthored "Shell Model Based Reaction Rates for rp-process Nuclei in the Mass Range $A = 44-63$ " with J.L. Fisker, V. Barnard, K. Langanke, G. Martínez-Inedo, and **Michael Wiescher**, Freimann Professor of Physics, published in *Atomic Data and Nuclear Data Tables* 79 (2001): 241-292.

Frank P. Incropera, Matthew H. McCloskey Dean of Engineering, and Brosey Professor of Mechanical Engineering, and D.P. DeWitt published *Fundamentals of Heat and Mass Transfer*, Fourth and Fifth Editions (New York: John Wiley and Sons, 2001): (981 pp.).

Nicholas Isherwood, visiting assistant professor of music, "Scelsi, Bizanzio, Gli Alchimisti" in "I Suoni, Le Onde", the journal of the Scelsi Foundation

Dennis C. Jacobs, professor of chemistry and biochemistry, published "Reactive Collisions of Hyperthermal Energy Molecular Ions with Solid Surfaces" in the *Annual Reviews of Physical Chemistry* 53 (2002): 379-407; and coauthored "Is the Scholarship of Teaching and Learning New to Chemistry?" with B.P. Coppola, published in *Disciplinary Styles in the Scholarship of Teaching and Learning: Exploring Common Ground*, M.T. Huber and S.P. Morreale, eds. (Washington, D.C.: American Association for Higher Education and The Carnegie Foundation for the Advancement of Teaching) 197-216.

Ian Kuijt, associate professor of anthropology, authored "The 2001 Excavation Season at the Pre-Pottery Neolithic A Period Settlement of Dhra', Jordan: Preliminary Results" with B. Finlayson, published in *Neo-Lithics: Southwest Asian Lithic Research*. 2(1): 12-15.

Grant J. Mathews, professor of physics and director of the Center for Astrophysics, coauthored "Constraints on Cosmic Quintessence and Quintessential Inflation" with M. Yahiro, K. Ichiki, T. Kajino, and M. Orito, published in *Physical Review D* 65 (2002): 06352 (9 pp.); "Neutron-Capture Elements in s-Process-Rich, Very Metal-Poor Stars" with W. Aoki, S.G. Ryan, J.E. Norris, T.C. Beers, H. Ando, N. Iwamoto, T. Kajino, and M.Y. Fujimoto, published in *Astrophysical Journal* 561 (2001): 346-363; and "Cosmic Age in a Lepton-Asymmetric Universe: New Constraints from Primordial Nucleosynthesis and Cosmic Microwave Background Fluctuations" with T. Kajino, M. Orito, K. Ichiki, S. Kawanomoto, H. Ando, and R.N. Boyd, published in *Astrophysical Ages and Time Scales*, T. von Hippel, C. Simpson, and N. Manset, eds. (San Francisco: Astronomical Society of the Pacific, 2001): 611.

Robert P. McIntosh, professor emeritus of biological sciences, coauthored "H.A. Gleason and the Individualistic Hypothesis Revisited" with M. Nicolson, published in the *Bulletin of the Ecological Society of America*, pp. 133-142.

Ernan McMullin, O'Hara Professor Emeritus of Philosophy, published "Formalism and Ontology in Early Astronomy" in *Quantum Mechanics: Perspectives on Divine Action*, R.J. Russell et al., eds. (Rome: Vatican Observatory, and Notre Dame: University of Notre Dame Press, 2001): 55-78; "The Social Dimensions of Science," reprinted in *Philosophy of Science: Contemporary Readings*, Y. Balashov and A. Rosenberg, eds. (New York: Routledge, 2001): 489-499; "Filosofia stiintei, 1950-2000" ("Philosophy of Science; 1950-2000"), in *Revista de Filosofia* (Bucharest) 47 (2001): 253-274; and "The Origins of the Field Concept in Physics" in *Physics in Perspective* 4 (2002): 13-39.

Joachim Rosenthal, professor of mathematics and concurrent professor of electrical engineering, published "Minimal Bases of Rational Vector Spaces and Their Importance in Algebraic System Theory" in *Codes, Graphs, and Systems* (Kluwer Academic Publishers, 2002).

Marya J. Sandoval-Cooper, assistant professional specialist in the Center for Transgene Research, coauthored "Fibrinogen Stabilizes Placental-maternal Attachment during Embryonic Development in the Mouse" with T. Iwaki, M. Paiva, T. Kobayashia, **Victoria A. Ploplis**, research associate professor of chemistry and biochemistry, and **Francis J. Castellino**, dean of science, Kleiderer-Pezold Professor of Chemistry and Biochemistry, and director, Center for Transgene Research, published in the *American Journal of Pathology* 160, no. 3 (March) 1021-1034.

Victoria Sanford, assistant professor of anthropology and fellow, Kroc and Kellogg Institutes, published "Truth Commissions" in *Encyclopedia of Crime and Punishment*, D. Levinson, ed. (Thousand Oaks: Sage, 2002).

Thomas Scheffler, Rockefeller Visiting Fellow at the Kroc Institute, wrote "Lebanon," published in *Elections in Asia and the Pacific: A Data Handbook*, vol. I: *The Middle East, Central Asia, and South Asia*, D. Nohlen, F. Grotz, and C. Hartmann, eds. (Oxford: Oxford Univ. Press, 2001): 169-197; edited *Fritz Steppat, Islam als Partner: Islamkundliche Aufsätze 1944-1996* (Würzburg: Ergon Verlag / Beirut: Orient-Institut, 2001 [= *Beiruter Texte und Studien*, vol. 78]);

and authored the book's introduction, "Fritz Steppat – Werkbiographische Einführung", *ibid.*: IX-XXX.

Robert P. Schmuhl, professor of American studies and director of the Gallivan Program in Journalism, Ethics and Democracy, published "The Communal Life" in *Notre Dame* magazine (Winter 2001-2002): 35-37; a review of *For the Love of Mike: More of the Best of Mike Royko* by Mike Royko for the *Journal of Illinois History* 4, no. 4 (Winter 2001-2002): 317-318; "Trust in Government is Challenged in State Revenue Snafu" in *The Indianapolis Star*, "Focus" section (Jan. 6): 4; "When an Author's Work Gets the Gift of a New Life" in *Chicago Tribune Books*, sect. 14 (Mar. 2): 3; "Thomas Stritch" in *I Remember My Teacher: 365 Reminiscences of the Teachers Who Changed Our Lives*, D.M. Shribman, ed. (Kansas City: Andrews McMeel Publishing, 2002): 57.

Slavi C. Sevov, associate professor of chemistry and biochemistry, published "Cubane with a Handle: $[\{In_3As_4Nb\} = As^7- in Cs_7NbIn_3As_5]$ " with F. Gascoin in the *Angewandte Chemie International Edition* 41 (2002): 1232-1234.

Daniel T. Simon, professor of accountancy, coauthored "The Demand for Auditor Reputation Across International Markets for Audit Services" with N. Farghar and M.H. Taylor, published in *The International Journal of Accounting* 36 (2001): 407-421.

Julianne Turner, associate professor, Institute for Educational Initiatives, and concurrent associate professor of psychology, coauthored "The Classroom Environment and Students' Reports of Avoidance Strategies in Mathematics: A Multimethod Study" with C. Midgley, D.K. Meyer, M. Gheen, E.M. Anderman, Y. Kang, and H. Patrick, published in the *Journal of Educational Psychology* 94 (2002): 88-106; and "Discovering Emotion in Classroom Motivation Research" with D.K. Meyer, published in *Educational Psychologist* 37 (2002).

Michael Wiescher, Freimann Professor of Physics, coauthored "Nuclear Astrophysics: A New Era" with P. Regan and **Ani Aprahamian**, professor of physics, published in *Physics World* (Feb.): 33-38.

Deaths

James T. Cushing, professor of physics, died Mar. 29, in South Bend.

Administrators' Notes

Publications

Alan S. Bigger, director of Building Services, coauthored "Beyond Snake Oil and the Amazing Kreskin: Wiping Up with Technology" with L.B. Bigger, published in *Executive Housekeeping Today* 23, no. 4 (April): 3-4.

Robert S. Foldesi, associate vice president for Human Resources, coauthored *Fundamentals of Higher Education Compensation Practices* (Washington, D.C.: College and University Professional Association for Human Resources) 2002.

Appointments

Rev. William M. Lies, C.S.C., was appointed executive director of the Center for Social Concerns, effective July 1.

Documentation

Faculty Board on Athletics

February 19, 2002

Members present: Prof. Fernand Dutile (chair); Prof. Matthew Barrett; Prof. Harvey Bender; Prof. William Berry; Dr. Matthew Cullinan; Prof. Joseph Guiltinan; Dr. Kate Halischak; Prof. Blake Leyerle; Prof. Layna Mosley; Ms. Laura Patterson; (Rev.) Mark Poorman, C.S.C.; Prof. Clark Power; Prof. Kerry Thomas; and Dr. Kevin White.

Members absent: Prof. John Borkowski.

Guests present: Mr. Tyrone Willingham, head coach, football; Ms. Ava Preacher, assistant dean, College of Arts and Letters; Mr. Samuel Gaglio, assistant dean, Mendoza College of Business; Mr. Lou Nanni, vice president for Public Affairs and Communication; Ms. Gail Mancini, director, Web and Marketing Communications.

Observers present: Ms. Sandy Barbour; Ms. Missy Conboy; Mr. Tom Kelly; and Mr. Bernard Muir (all of the Department of Athletics); and Ms. Mary Hendriksen (recorder).

1. Call to order and prayer: The chair called the meeting to order at 4:20 P.M. Fr. Poorman led the group in prayer.

2. Minutes of previous meeting: Prof. Guiltinan moved that the minutes of the meeting of January 29, 2002, be approved. Prof. Leyerle seconded the motion. The motion passed unanimously.

3. Announcements: For the record, the chair noted that the board had approved, through an e-mail vote, amendments to both the men's and women's tennis teams' schedules with regard to the National Indoor Tennis Championships. This change added, for the women, February 7 and 8, and, for the men, February 6, 7, and 8, as excused-absence days. The chair announced that he had approved an amendment to the schedule for women's basketball. The amendment, which maintained the schedule within University guidelines, added the afternoon of February 1 and the morning of February 6 as excused-absence periods. The chair announced that he had approved an amendment to

the schedule for women's swimming. That amendment added January 31 and February 1 as excused-absence days. That schedule too remains within University guidelines. The chair announced that he had approved an amendment to the schedule for men's and women's fencing. The addition of February 8 as an excused-absence day maintains the schedule within University guidelines. The chair approved an amendment to the travel schedule for men's lacrosse. The amended schedule, which remains in compliance with University guidelines, substitutes March 29 for February 15 as an excused-absence day.

The chair announced that he had approved a slate of possible captains for men's swimming. Each had the requisite cumulative GPA and clearance from the Office of Student Affairs. From this slate, the ultimate captain(s) will be selected.

The chair informed the board of his meeting on February 14 with Mr. Tyrone Willingham, newly appointed head coach of football. At that meeting, the chair and Coach Willingham discussed the University guidelines set out in the *FBA Manual*. The chair reminded the board of its breakfast meeting with Coach Willingham, scheduled for February 28, at 7:45 a.m., in the Donors' room of the Morris Inn.

The chair informed the board that the NCAA had notified the University of its next athletics certification schedule. Under NCAA rules, Notre Dame must undergo an athletics certification at least every 10 years. That certification focuses upon a self-study, verified and evaluated by peer review. An NCAA staff member will make an orientation visit to the University in October 2002. That visit triggers the one-year period allowed the University for completion of the self-study. The peer visit is currently scheduled for December 2003 or January 2004, although there has been some discussion with regard to seeking an earlier date in order to avoid the difficulty of conducting business during the final-exam period and during Christmas break. The chair noted that he expects members of the board to be heavily involved in the self-study.

4. Fifth year of eligibility: Ava Preacher, assistant dean in the College

of Arts and Letters, and Samuel Gaglio, assistant dean in the Mendoza College of Business, spoke with the board concerning their difficulty in accommodating the University's guidelines with regard to fifth years of eligibility. They noted their confusion with regard to how fifth-year student-athletes differ from other students regarding academic requirements. Although student-athletes in their fifth year of eligibility must, under University guidelines, carry nine credit hours per semester, the "working deans" may not even know who the student-athletes are. Accordingly, the deans may sign "drop" forms with regard to courses not needed under academic rules in order to graduate. Last year, Dean Preacher noted, a student-athlete who needed only one course to graduate sought, and was allowed, to withdraw from the rest of the nine credits for which the student-athlete had originally enrolled. Another question: must these nine hours be "coherent"? In response, Prof. Leyerle stressed the ideal of the *student-athlete*. The Board remains uncomfortable with the notion of our "marquee" sports being played by those who are *only* athletes, not student-athletes. Our watchword, she added, has been "engagement with the academic enterprise." Courses reflecting personal enrichment fully meet the requirement. Our policy reflects the fact that the fifth year is a privilege, not a right. Dean Gaglio asked whether such student-athletes receive advice with regard to course selection. For their part, the "working deans" do not purport to advise beyond requirements for graduation. Advising student-athletes with regard to a course plan for the fifth year is not a role he should play, especially with regard to students outside his college. Indeed, no advisor seems to fit the role the board envisages. Dean Preacher asked whether such student-athletes may change courses after their schedule has been approved. Surely this presents both a monitoring and a management problem. Father Poorman: How does academic advising fit into this? Dr. Halischak replied that both undergraduates and degree students in the graduate school go to their respective colleges for advice. Unclassified graduate students go to the director of academic services for student-athletes. In any event, the NCAA requires certification by deans. Prof. Mosley added that

the problem seems to be that the deans do not know who the student-athletes are; but why not? Faculty members are regularly notified of student-athletes in their classes. Dean Gaglio mentioned that many faculty complain about fifth-year student-athletes; most enroll for only one semester and many do not attend class regularly. Their GPAs tend to be poor. In other words, he stated, these student-athletes do, but only *on paper*, what the board wants them to do. Prof. Leyerle conceded that we cannot mandate "engagement." The policy does seem to work well for some students in some sports. Dean Gaglio emphasized that the policy does not work for students in the College of Business—and that is true "across the board." Providing courses for such student-athletes presents difficulty, as well. Merely signing the fifth-year forms does not guarantee a spot in the indicated courses; the student-athlete must go through DART. If the course is closed, the student does not get in. Fr. Poorman stressed the need for DART priority for student-athletes. Dean Gaglio countered that students' requirements for graduation should get priority; he is adamant on this point. Currently, student-athletes have no DART priority if they are no longer in a major. If the faculty board wants that priority, it must get it implemented. Prof. Thomas stressed that the student-athlete referred to earlier should have been counseled that failure of his courses would preclude graduation. This approach would remove the problem from the deans' offices. Otherwise, at least when no bowl game is scheduled, we may have no disincentive to student-athletes' dropping courses. Prof. Mosley: Students respond to incentives like bowl games. Merely urging them to "stay in and do well" will not do the trick. Moreover, some of the student-athletes have never been "engaged" before; why would they become so now? Fr. Poorman suggested an alternative: Spread out the student-athlete's program to five years. Call it "red-shirting" if you will, but commit to providing them with five years in which to complete their academic work. Both deans emphasized that many Notre Dame students come back for a fifth year for non-athletic reasons. These students are allowed to take only those credits needed for graduation. It is difficult to enforce a system in which student-athletes are treated differently

from other students. Prof. Barrett warned that students taking fewer than 12 credit hours may not be covered by their parents' insurance, must repay student loans, and suffer other disabilities. Coach Willingham argued that the nine-credit policy treats football players unfairly; where do student rights fit in? Whereas the policy under discussion suggests distrust of student-athletes, he comes from a place where student rights are important, where students have a right to be, and where students are entitled to play a fifth year. If the student-athlete needed but one course during that fifth year, that need was respected. When, Prof. Barrett asked, was the decision made with regard to the fifth year at Stanford? As early as spring of the junior year, but no later than Thanksgiving of the senior year, Coach Willingham replied. Indeed, the fifth-year program at Michigan State began as part of the student-rights movement; coaches did not instigate it. Dean Preacher stressed that graduation requirements and eligibility requirements present two quite different issues. Dean Gaglio added that student-athletes remain totally confused with regard to the nine-credit policy. Father Poorman stated that the Office of Academic Services for Student Athletes should both guide and monitor the policy, as well as work with the deans. Dr. Halischak replied that this works for undergraduates. For non-degree students, the entire project falls upon her office. Dean Gaglio: Must "engagement" be defined as a student taking classes? What of community service? Student government? The Board agreed that Deans Preacher and Gaglio should meet with the board's subcommittee on academic integrity to pursue discussion of this complex matter. The chair thanked Deans Preacher and Gaglio for their presence at the meeting.

5. Women's soccer schedule: The chair brought this schedule before the board because a scheduled tournament in Fort Wayne might interfere with Orientation Weekend. The cover letter accompanying the proposed women's-soccer schedule specifically stated that first-year women attending the Fort Wayne tournament "will not miss Freshman Orientation on Saturday, August 24, 2002." As outlined in the letter, students would be available for AP testing on Friday before departing for Fort

Wayne, and would return to South Bend both for Saturday's activities and for the Code of Honor Program then scheduled for Sunday afternoon. (As it turns out, the Code of Honor Program will be melded into the Saturday program, leaving Sunday afternoon free of University-organized activities). Indeed, to thus prevent team conflicts with mandatory orientation events, head coach Randy Waldrum had persuaded the organizers of the soccer tournament to adjust the weekend schedule. Since the chair of the faculty board has authority to "sign off" on a schedule only when it falls "clearly" within University guidelines, he had asked Coach Waldrum to clear with both Dr. Eileen Kolman, dean of the first year, and Fr. Mark Poorman, vice president for student affairs, the team's plans for Orientation Weekend. Fr. Poorman had stressed the need to discuss the schedule at a meeting of the board, since, in his view, Orientation should include not only the mandatory events, but the whole weekend. Student-athletes, he felt, should be present in the dorms and otherwise on campus during this weekend of assimilation into the Notre Dame culture. Also, they should be on campus during the Mass on Sunday morning, even though that event remains technically optional. In light of these views, the chair put the matter on the board's agenda for the current meeting. Mr. Tom Kelly, the associate athletics director who oversees women's soccer, stressed the prestige of the Fort Wayne tournament; this year, for example, both North Carolina and Kentucky are slated to participate, in addition to Notre Dame. These "exhibition" games allow coaches to play their young players without damaging the official record. Fr. Poorman urged that the schedule be honored, but that the team's first-year students remain on campus. All of Orientation is important, he stressed. The "dorm move-in" takes place on Friday night. Sunday's Mass is also important. We work hard to integrate these students into the Notre Dame culture. Taking student-athletes away during any part of the weekend chips away at the notion that the weekend is "all of one piece." Mr. Muir noted that other athletics teams, like football, volleyball, and men's soccer, would practice over that weekend. Mr. Kelly

noted that Dean Kolman remained comfortable with scheduling the tournament. Prof. Guiltinan expressed sympathy for the fact that Coach Waldrum had made a good-faith effort, even consulting with Dean Kolman, to accommodate his schedule to Orientation as he understood it. It becomes difficult to adjust the schedule at this late date. Fr. Poorman, noting that the women's soccer team had missed all of Orientation two years ago due to a trip to Brazil, alluded to the fact that the board of trustees had established an Orientation committee, thus signaling the importance the board of trustees places on acculturation into the University. Dr. Cullinan agreed on the importance of Orientation; first-year players will miss part of that if they travel to Fort Wayne. Do we need to send a signal? In any event, we do, he agrees, need a discussion with regard to the long-term. Whatever we do, Prof. Power said, we must communicate our policy; even practices may conflict with Orientation events. On Prof. Guiltinan's motion to permit the women's soccer team to participate in the Fort Wayne tournament, which Prof. Power seconded, the board voted affirmatively, with one vote against and one abstention. At this point, Fr. Poorman moved that the board's subcommittee on student welfare undertake an analysis of this issue with a view to making more specific the current policy. Prof. Leyerle seconded. A unanimous vote ensued.

6. The Notre Dame Visual Identity Project: At the chair's request, Mr. Lou Nanni, vice president for Public Affairs and Communication, and Ms. Gail Mancini, director, Web and Marketing Communications, addressed the board with regard to Notre Dame's Visual Identity Project. The project was precipitated by the change in our telephone area code; soon all letterheads, cards, and the like will need to be changed. Mr. Nanni noted the importance of the project in establishing a process and in building a coalition. The idea underlying the project: seeking consistency in the University's strong visual identity. This, he stressed, is a matter of significant concern to the board of trustees. A number of icons appear as University symbols: the Golden Dome, the University seal, the interlocking "N" and "D," the leprechaun,

and the shamrock, for example. Ms. Mancini added that these icons might reflect a differing mix of the academic and the athletic. What message do we want to convey? We are testing those images both on- and off-campus; different reactions might emanate from those two areas. We do want a polished image. Our self-imposed deadline: May 6, so that new stationery, business cards, and other such items that incorporate both the results of the project and the new area code might be secured prior to the latter coming into full effect on June 15. Prof. Barrett noted his concern that separate symbols might be mandated for the academic and the athletic. Haven't we prided ourselves on the extent to which we integrate the two? Shouldn't we have one image reflecting excellence in both? Mr. Nanni responded that the University has a strong interest in not using athletic symbols for the academic or the religious aspects of the University. Of course, the Department of Athletics will have an opportunity to assess and to conform. At least one survey has demonstrated that the public associates Notre Dame first with football, then with Catholicity, and then with academics. Added Ms. Mancini, many on campus want academic excellence to be the primary message. It is time for us to use the tools of communication to bolster both our academic reputation and our Catholicity. With the younger generation, Mr. Nanni stated, symbols become especially important. Prof. Thomas asked whether other institutions have undertaken such projects. Ms. Mancini cited Northwestern, Washington University (St. Louis), and the University of Chicago as examples. The chair asked whether the project would preclude individual colleges and departments from asserting their own identities, a market-oriented approach that he prefers. Ms. Mancini stated that the administration would work with these colleges and departments. Flexibility will still obtain. Mr. Nanni concluded by noting that the problem here becomes exacerbated by the fact that we have more images than other universities. The chair thanked Mr. Nanni and Ms. Mancini for their presentations.

The chair adjourned the meeting at 6:25 p.m.

Departmental Awards Received and Proposals Submitted

In the period from March 1 to March 31, 2002

<u>Category</u>	<u>AWARDS RECEIVED</u>		<u>PROPOSALS SUBMITTED</u>	
	<u>No.</u>	<u>Amount</u>	<u>No.</u>	<u>Amount</u>
Research	26	\$ 3,831,160	40	\$ 11,256,605
Facilities and Equipment	0	\$ -	0	\$ -
Instructional Programs	0	\$ 48,300	2	\$ 465,891
Other Programs	0	\$ -	0	\$ -
Service Programs	0	\$ -	0	\$ -
Total	26	\$ 3,879,460	42	\$ 11,722,496

In the period from July 1, 2001 to March 31, 2002

<u>Category</u>	<u>AWARDS RECEIVED</u>		<u>PROPOSALS SUBMITTED</u>	
	<u>No.</u>	<u>Amount</u>	<u>No.</u>	<u>Amount</u>
Research	278	\$ 35,137,645	520	\$ 181,044,354
Facilities and Equipment	0	\$ -	0	\$ -
Instructional Programs	9	\$ 1,208,205	9	\$ 5,128,909
Other Programs	1	\$ 24,497	0	\$ -
Service Programs	0	\$ -	0	\$ -
Total	288	\$ 36,370,347	529	\$ 186,173,263

*The figures attributed to Centers/Institutes in these reports are also included in the general reports for all awards and proposals. However, they are listed under the department of the Principal Investigator rather than the center, institute, lab or significant University program.

Research

Awards Received

March 1, 2002 through March 31, 2002

Awards for Research:

Aerospace and Mechanical Engineering

Mueller, Thomas J. (Center or Institute)
An Experimental Study of Trailing Edge Noise
Department of Navy
\$100,000 24 months

Renaud, John E.
Managing Uncertainty in Bilevel Robust Design Optimization
National Science Foundation
\$12,000 36 months

Schmid, Steven R.
Enhanced Tribology Module for Modeling Friction and Heat Transfer
Concurrent Technologies Corporation
\$35,000 6 months

Anthropology

Gaffney, Patrick D.
Assistant Professor in Japanese Anthropology
Japan Foundation
\$31,915 22 months

Biological Sciences

Adams, John H.
Anti-Malarial Activity of Histone Deacetylase Inhibitors
CircaGen Pharmaceutical, LLC
\$10,000 12 months

Vaughan, Kevin T.
Regulation of Cytoplasmic Dynein Targeting
National Institutes of Health
\$260,479 60 months

Chemical Engineering

Wolf, Eduardo E.
High Throughput Activity and in-situ FTIR and EXAFS
Studies of the Effect of S on Noble Metal Supported
Oxidation Catalysts
National Science Foundation
\$213,326 35 months

Chemistry and Biochemistry

Goodson, Holly
Identification and Characterization of CLIP-170-Related
Microtubule-binding Proteins (the ClipR Family)
American Heart Association \$65,000 36

Carmichael, Ian C.; Hug, Gordon L.; Chipman, Daniel M.; Meisel, Dan (Center or Institute)
The NOx System in Nuclear Waste
Department of Energy
\$300,000 58 months

Serianni, Anthony S.
NMR Studies of Biologically-Important Oligosaccharides
National Institutes of Health
\$229,011 24 months

Civil Engineering and Geological Sciences

Burns, Peter C.
Renewal of Direct Investigations of the Immobilization of
Radionuclides in the Alteration Products of Spent Nuclear
Fuel
Department of Energy
\$422,825 72 months

Silliman, Stephen E.
Groundwater Characterization in Central Benin Using
Element Analysis
National Science Foundation
\$26,000 36 months

Computer Science and Engineering

Flynn, Patrick; Bowyer, Kevin W.
Data Sets, Baseline Performance Reference Points, and
Evaluation Metrics for Human ID
Navy/DARPA
\$224,498 35 months

Kogge, Peter M.
Morphable Computer Architectures for Highly Energy Aware
Systems
Air Force Research Lab/ARPA
\$166,158 36 months

Electrical Engineering

Antsaklis, Panos J.; Lemmon, Michael D.; Haenggi, Martin
Real-Time Reconfiguration of Networked Embedded Systems
Air Force Research Lab/ARPA
\$326,422 36 months

Porod, Wolfgang; Lent, Craig S.

Nanoelectronics

Arizona State University

\$150,034

60 months

Snider, Gregory L.; Merz, James L. (Center or Institute)Near-Field Optical Investigation of Si/Ge Quantum Dots
(MRSEC Seed Project)

University of Virginia

\$39,485

12 months

Freimann Animal Care Facility**Suckow, Mark A. (Center or Institute)**

In Vivo Evaluation of a Porcine-Derived Biomaterial

Cook Biotech, Inc.

\$15,338

12 months

Philosophy**McInerny, Ralph M. (Center or Institute)**

Bradley Fellowship Programs for AY2002-03

Lynde and Harry Bradley Foundation

\$30,000

12 months

Physics**Furdyna, Jacek K.; Dobrowolska-Furdyna, Malgorzat**Optical and Far Infrared Studies of Semiconductor
Heterostructures

National Science Foundation

\$105,000

36 months

Ruchti, Randal C.; Garcia, Alejandro; Garg, Umesh

Physics REU Program at the University of Notre Dame

National Science Foundation

\$76,000

60 months

Ruggiero, Steven T.

NIST IPA for Dr. Ruggiero

National Institute Standards & Technology

\$73,920

12 months

Psychology**Radvansky, Gabriel Allen**

Working Memory Influences on Long-Term Memory

Department of Army

\$17,846

36 months

Sociology**Myers, Daniel J.**

Research on Riots, Protest, and Activism (REU Site)

National Science Foundation

\$51,455

36 months

Theology**Cavadini, John C.**

Regional Pastoral Summits

Lilly Endowment, Inc.

\$809,448

34 months

Ulrich, Eugene C.; VanderKam, James C.

The Publication of Four Volumes of Dead Sea Scrolls

National Endowment for the Humanities

\$40,000

24 months

Awards for Instructional Programs:**ACE Educational Outreach****Johnstone, Joyce V. (Center or Institute)**

Cristo Rey Christian Service Program

W.K. Kellogg Foundation

\$48,300

12 months

Proposals Submitted

March 1, 2002 through March 31, 2002

Proposals for Research:**Aerospace and Mechanical Engineering****Corke, Thomas C. (Center or Institute)**Instability Measurement and Control in 3-D Supersonic
Boundary Layers

Department of the Air Force

\$341,625

36 months

Goodwine, John W.REU Supplement to CAREER: Stratified Motion Planning with
Application to Robotic Manipulation

National Science Foundation

\$12,000

2 months

Goodwine, John W.Reduction and Control of High-Order Distributed Robotic
Systems

National Science Foundation

\$338,699

36 months

Jumper, Eric J. (Center or Institute)

Adaptive Optics for Turbulent Shear Layers

Department of the Air Force

\$261,593

36 months

Jumper, Eric J.Directed Energy Beam Improvement Using Flow Excitation
(DEBI-FX)

The Boeing Company

\$293,974

32 months

Ovaert, Timothy C.Simulation of Floor Failure by Point Indentation and
Scratching

Armstrong World Industries, Inc.

\$229,624

24 months

Renaud, John E.Managing Uncertainty in Bilevel Robust Design Optimization
- RET Supplement

National Science Foundation

\$20,000

12 months

Roeder, Ryan K.; Niebur, Glen L.

Staining Techniques for Micro-CT Imaging of Microdamage

National Institutes of Health

\$111,375

12 months

Roeder, Ryan K.; Niebur, Glen L.Staining Techniques for Micro-CT Imaging of Microdamage
in Bone

Indiana University Bloomington

\$87,212

12 months

Thomas, Flint O.; Corke, Thomas C. (Center or Institute)An Integrated Approach to Noise Source Identification and
Control in Transonic Jet Flows

Department of the Air Force

\$241,249

36 months

Anthropology**Downey, Gregory J.**An Apprenticeship in Cunning: Learning Capoeira, an Afro-
Brazilian Art

University of Virginia

\$40,000

12 months

Biological Sciences**Hager, Kristin M. (Center or Institute)**Analysis of Membrane Trafficking Events in the Regulation
of Organelle

Biogenesis and Stability of Apicomplexan Parasites

The Ellison Medical Foundation

\$200,000

12 months

Hinchcliffe, Edward H.

Centrosomes and Cell Cycle Regulation

American Cancer Society

\$847,000

48 months

Center for Transgene Research**Schulman, Alexis A.; Suckow, Mark A.; Pollard, Morris
(Center or Institute)**The Role of Cyclooxygenase-2 and its Inhibition in Prostate
Adenocarcinoma

Pfizer Inc.

\$50,000

12 months

Chemical Engineering**Palmer, Andre F.**

CAREER: Engineering Artificial Cells

National Science Foundation

\$13,800

3 months

Varma, Arvind

REU Supplement for NSF Grant CTS99-00357

National Science Foundation

\$5,000

6 months

**Varma, Arvind; Mukasyan, Alexander, S.; Shafrovich,
Evgeny (Center or Institute)**Ignition and Combustion of Single Complex Metal Particles
Under Reduced-Gravity Conditions

National Aeronautics and Space Administration

\$589,752

48 months

Wolf, Eduardo E.

Partial Oxidation of Alkanes in a Dual Bed Membrane Reactor

National Science Foundation

\$259,077

36 months

Chemistry and Biochemistry**Castellino, Francis J.**

Blood Coagulation Protein Metal Ion Lipid Interactions

National Institutes of Health

\$393,454

12 months

Hartland, Gregory V.

Elastic Properties of Bimetallic Nanoparticles
ACS Petroleum Research Fund
\$120,000 44 months

Huber, Paul W.

Protein Binding Domains on Eukaryotic 5S rRNA and rDNA
National Institutes of Health
\$331,700 12 months

Civil Engineering and Geological Sciences**Burns, Peter C.**

Microbially-Promoted Alteration of U (VI) Phases
Department of Energy
\$885,083 36 months

Burns, Peter C.

Mitigation of Uranium Groundwater Plumes
Pacific Northwest National Laboratory
\$285,121 36 months

Kurama, Yahya C.

Coupled Precast Concrete Structural Walls
Precast and Prestressed Concrete Institute
\$15,000 26 months

Silliman, Stephen E.; Neal, Clive R.

Element Based Characterization of the Impact of Changing
Land Use on Subsurface Transport of Non-Point Pollutants:
St. Joseph Aquifer, Northern IN.
U.S. Geological Survey
\$132,913 36 months

Talley, Jeffrey W.

Thermal Programmed Desorption Mass Spectrometry of
Hydrophobic Organic Contaminants
U.S. Army Corps of Engineers
\$200,000 30 months

Computer Science and Engineering**Hu, Xiaobo**

CAREER: Performance Analysis and Tradeoff for System-
Level Design Exploration of Real-Time Embedded Systems
National Science Foundation
\$10,000 11 months

Kogge, Peter M.; Schaelicke, Lambert; Freeh, Vincent .; Brockman, Jay B.

High Productivity PIM Computing System
Cray, Inc.
\$499,987 12 months

Dean - College of Arts and Letters**Alpert, Sheri A. (Center or Institute)**

Genochips and HIPAA: How the Genome will be Handled
Under the Federal Medical Privacy Regulations
Department of Energy
\$32,429 12 months

Electrical Engineering**Costello, Daniel J.; Fuja, Thomas E.**

Bandwidth Efficient Turbo Code Design
Motorola Labs
\$26,040 12 months

Lemmon, Michael D.; Haenggi, Martin; Antsaklis, Panos J.; Hu, Xiabo

Ad hoc Networks of Embedded Control Systems
National Science Foundation
\$500,000 36 months

English**Johnson-Roullier, Cyraína E.; Cárdenas, Gilberto**

Instituting the Americas: Ethnic Diversity in New World
Context
Rockefeller Foundation
\$325,000 48 months

Physics**Janko, Boldizsar; Dobrowolska-Furdyna, Malgorzata;**

Furdyna, Jacek K.
Spin Manipulation at Magnetic Semiconductor Interfaces for
Spintronic Applications
National Science Foundation
\$1,447,824 36 months

Johnson, Walter R.

Muffin-Tin Model for Deuse Plasmas: Radiative Properties,
Electron EOS, and
Transport Coefficients
Lawrence Livermore National Laboratory
\$90,160 12 months

Program of Liberal Studies**Weinfeld, Henry M.**

Creative Writing Fellowship
National Endowment for the Arts
\$20,000 11 months

Psychology**Boker, Steven M.; Scheutz, Matthias J.**Coordination in Dyadic Affective Behavior: Convergent
Models of Inter-Human and Human-Robotic Nonverbal
Interaction

James S. McDonnell Foundation

\$353,925

36 months

Borkowski, John G.; LeClere, Felicia B.; Maxwell,**Scott E.; Boker, Steven M.; McKenna, James J.**

Predicting and Preventing Child Neglect in Teen Mothers

National Institutes of Health

\$1,249,480

12 months

Borkowski, John G.; Whitman, Thomas L.

Research Training in Mental Retardation

National Institutes of Health

\$137,327

12 months

Radiation Laboratory**LaVerne, Jay A. (Center or Institute)**

Subsurface Reactivity and Radiolysis of Transuranium Oxides

Argonne National Laboratory

\$234,182

36 months

Sociology**Carbonaro, William J.**Tracking, Student Efforts, and Academic Achievement: Are
Students Rewarded Equally for Hard Work?

American Educational Research Association

\$25,000

24 months

Proposals for Instructional Programs:**ACE Educational Outreach****Johnstone, Joyce V. (Center or Institute)**Title II: Improving Student Achievement Through Effective
Teaching

Indiana Professional Standards Board

\$91,767

12 months

Biological Sciences**Fraser, Malcolm J. (Center or Institute)**

Transgenic Engineering of Aedine Mosquitoes

National Institutes of Health

\$374,124

12 months

Centers and Institutes

Awards Received and Proposals Submitted

In the period from March 1 to March 31, 2002

	AWARDS		PROPOSALS	
	No.	Amount	No.	Amount
Alliance for Catholic Education	0	\$ -	0	\$ -
Center for Astrophysics	0	\$ -	0	\$ -
Center for Environmental Science and Technology	0	\$ -	0	\$ -
Center for Flow Physics and Control	1	\$ 100,000	3	\$ 844,467
Center for Molecularly Engineered Materials	0	\$ -	1	\$ 589,752
Center for Orphan Drug Development	0	\$ -	0	\$ -
Center for Transgene Research	0	\$ -	0	\$ -
Center for Tropical Disease Research and Training	0	\$ -	2	\$ 574,124
Environmental Research Center	0	\$ -	0	\$ -
Freimann Life Science Center	1	\$ 15,338	0	\$ -
Higgins Labor Research Center	0	\$ -	0	\$ -
Institute for Educational Initiatives	1	\$ 48,300	1	\$ 91,767
Institute for Latino Studies	0	\$ -	0	\$ -
Jacques Maritain Center	1	\$ 30,000	0	\$ -
John A. Kaneb Center for Teaching and Learning	0	\$ -	0	\$ -
Kellogg Institute for International Studies	0	\$ -	0	\$ -
Keough Institute for Irish Studies	0	\$ -	0	\$ -
Laboratory for Image and Signal Analysis	0	\$ -	0	\$ -
Lobund Laboratory	0	\$ -	1	\$ 50,000
Mendelson Center for Sport, Character, and Culture	0	\$ -	0	\$ -
Nano Science and Technology Center	1	\$ 39,485	0	\$ -
Nuclear Structure Laboratory	0	\$ 300,000	1	\$ -
Radiation Laboratory	1	\$ -	1	\$ 234,182
Reilly Center for Science, Technology and Values	0	\$ -	0	\$ 32,429
Robinson Learning Center	0	\$ -	0	\$ -
South Bend Center for Medical Education	0	\$ -	0	\$ -
TRIO Programs	0	\$ -	0	\$ -
Walther Cancer Center	0	\$ -	0	\$ -
Total	6	\$ 533,123	10	\$ 2,416,721

From July 1, 2001 to March 31, 2002

	AWARDS		PROPOSALS	
	No.	Amount	No.	Amount
Alliance for Catholic Education	4	\$ 268,583	1	\$ 55,000
Center for Astrophysics	3	\$ 31,980	6	\$ 859,447
Center for Environmental Science and Technology	1	\$ 20,000	4	\$ 1,195,115
Center for Flow Physics and Control	11	\$ 599,690	12	\$ 17,254,705
Center for Molecularly Engineered Materials	2	\$ 90,000	9	\$ 4,137,977
Center for Orphan Drug Development	1	\$ 20,000	0	\$ -
Center for Transgene Research	3	\$ 940,875	5	\$ 1,174,862
Center for Tropical Disease Research and Training	4	\$ 531,308	6	\$ 2,011,479
Environmental Research Center	1	\$ 41,500	1	\$ 3,122
Freimann Life Science Center	4	\$ 43,838	6	\$ 666,912
Higgins Labor Research Center	1	\$ 98,911	0	\$ -
Institute for Educational Initiatives	2	\$ 51,383	1	\$ 91,767
Institute for Latino Studies	4	\$ 2,204,913	2	\$ 299,512
Jacques Maritain Center	1	\$ 30,000	0	\$ -
John A. Kaneb Center for Teaching and Learning	1	\$ 46,100	0	\$ -
Kellogg Institute for International Studies	6	\$ 1,215,780	2	\$ 279,706
Keough Institute for Irish Studies	1	\$ 39,000	1	\$ 107,694
Laboratory for Image and Signal Analysis	0	\$ -	1	\$ 163,101
Lobund Laboratory	1	\$ 72,128	2	\$ 125,000
Mendelson Center for Sport, Character, and Culture	1	\$ 18,446	1	\$ 610,219
Nano Science and Technology Center	9	\$ 714,142	12	\$ 7,820,550
Nuclear Structure Laboratory	0	\$ 4,281,854	1	\$ 3,047,059
Radiation Laboratory	5	\$ -	3	\$ 880,524
Reilly Center for Science, Technology and Values	0	\$ -	1	\$ 32,429
Robinson Learning Center	0	\$ -	1	\$ 157,275
South Bend Center for Medical Education	2	\$ 66,688	5	\$ 1,212,350
TRIO Programs	6	\$ 992,222	2	\$ 2,176,807
Walther Cancer Center	0	\$ -	4	\$ 1,613,675
Total	74	\$ 12,419,341	89	\$ 45,976,287

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, which 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 "research2@nd.edu" or 1-4670 if you are aware of any proposals or awards that have not been properly credited to a center or institute.

Awards Received

March 1, 2002 through March 31, 2002

Awards for Research

Center for Flow Physics and Control

Jumper, Eric J.

An Experimental Study of Trailing Edge Noise
Department of Navy
\$100,000 24 months

Freimann Life Science Center

Thomas, Flint O.; Corke, Thomas C.

In Vivo Evaluation of a Porcine-Derived Biomaterial
Cook Biotech, Inc.
\$15,338 12 months

Jacques Maritain Center

McInerny, Ralph M.

Bradley Fellowship Programs for AY2002-03
Lynde and Harry Bradley Foundation
\$30,000 12 months

Nano Science and Technology Center

Snider, Gregory L.; Merz, James L.

Near-Field Optical Investigation of Si/Ge Quantum Dots
(MRSEC Seed Project)
University of Virginia
\$39,485 12 months

Radiation Laboratory

Carmichael, Ian C.; Hug, Gordon L.; Chipman, Daniel M.; Meisel, Dan

The NOx System in Nuclear Waste
Department of Energy
\$300,000 58 months

Awards for Instructional Programs

Institute for Educational Initiatives

Johnstone, Joyce V.

Cristo Rey Christian Service Program
W.K. Kellogg Foundation
\$48,300 12 months

Proposals Submitted

March 1, 2002 through March 31, 2002

Proposals for Research

Center for Flow Physics and Control

Jumper, Eric J.

Adaptive Optics for Turbulent Shear Layers
Department of the Air Force
\$261,593 36 months

Thomas, Flint O.

An Integrated Approach to Noise Source Identification and Control in Transonic Jet Flows
Department of the Air Force
\$241,249 36 months

Corke, Thomas C.

Instability Measurement and Control in 3-D Supersonic Boundary Layers
Department of the Air Force
\$341,625 36 months

Center for Molecularly Engineered Materials

Varma, Arvind; Kukasyan, Alexander S.; Shafirovich, Evgeny

Ignition and Combustion of Single Complex Metal Particles Under Reduced-Gravity Conditions
National Aeronautics and Space Administration
\$589,752 48 months

Center for Tropical Disease Research and Training**Hager, Kristin M.**Analysis of Membrane Trafficking Events in the Regulation
of Organelle Biogenesis and Stability of Apicomplexan
Parasites

The Ellison Medical Foundation

\$200,000

12 months

Lobund Laboratory**Schulman, Alexis A.; Suckow, Mark A.; Pollard, Morris**The Role of Cyclooxygenase-2 and its Inhibition in Prostate
Adenocarcinoma

Pfizer Inc.

\$50,000

12 months

Radiation Laboratory**LaVerne, Jay A.**

Subsurface Reactivity and Radiolysis of Transuranium Oxides

Argonne National Laboratory

\$234,182

36 months

Reilly Center for Science, Technology and Values**Alpert, Sheri**Genechips and HIPAA: How the Genome will be Handled
Under the Federal Medical Privacy Regulations

Department of Energy

\$32,429

12 months

Proposals for Instructional Programs**Center for Tropical Disease Research and Training****Fraser, Malcolm J.**

Transgenic Engineering of Aedine Mosquitoes

National Institutes of Health

\$374,124

12 months

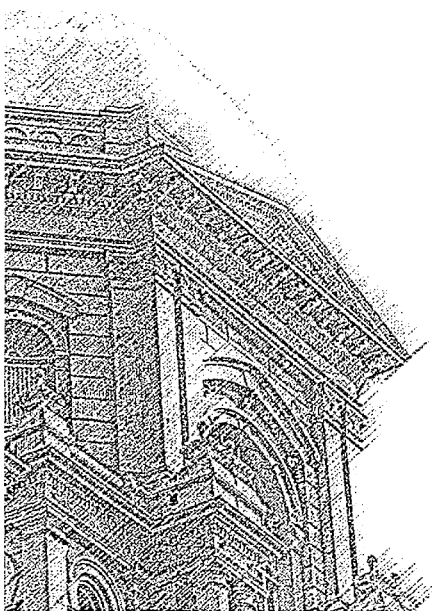
Institute for Educational Initiatives**Johnstone, Joyce V.**Title II: Improving Student Achievement Through Effective
Teaching

Indiana Professional Standards Board

\$91,767

12 months

Notre Dame Report



Volume 31, Number 16

April 26, 2002

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