

# Notre Dame Report

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# Faculty Notes

## Honors

**Rev. Virgil Elizondo, C.S.C.**, professor of theology, received the Community of Christ International Peace Award at the 2007 Peace Colloquy in Kansas City.

**J. Nicholas Laneman**, assistant professor of electrical engineering, was named one of the 58 recipients of a 2006 Presidential Early Career Award for Scientists and Engineers (PECASE) and one of the 20 honorees nominated by the NSF from among the grantees of its Faculty Early Career Development (CAREER) program. He and the other PECASE recipients were recognized in a ceremony at the White House on Nov. 1.

**Vanesa A. Miseres**, adjunct instructor of Spanish, was awarded the "Simon Collier Travel Award" by the Center for Latin American and Iberian Studies, Vanderbilt Univ., for the project "Reviewing Latin American Nationhood: Travel experiences and Pan-American networking in Juana Manuela Gorriti's *La Alborada del Plata* (Buenos Aires 1877–1880)."

**Robert P. Sedlack Jr.**, associate professor of design, had his design for *The Book of Portraiture* selected by *Print* magazine for their Regional Design Annual issue.

**Richard Taylor**, professor of chemistry and biochemistry, was awarded the "Silveira Distinguished Lecturer" from Oswego State Univ., Oswego, N.Y.

## Activities

**Theodore Cachey**, professor and chair of the Dept. of Romance Languages and Literatures, gave the invited lecture "From the Mediterranean to the World: The Italian *Book of Islands* (1452-1528)" at Northwestern Univ. on Oct. 22, sponsored by the Italian Cultural Institute of Chicago and the Dept. of French and Italian.

**Ian Carmichael**, professor of chemistry and biochemistry and director of the Radiation Laboratory, presented "Electron-Driven Processes in the Condensed Phase" as an

invited talk at the "Condensed Phase and Interfacial Molecular Sciences Conference," Airlie, Va., Oct. 21–24. Coauthors of the presentation were **David M. Bartels**, professional specialist in the Radiation Laboratory and concurrent professor of chemistry and biochemistry; **Daniel M. Chipman**, professional specialist in the Radiation Laboratory and concurrent professor of chemistry and biochemistry; and **Jay A. LaVerne**, professional specialist in the Radiation Laboratory and concurrent research professor of physics.

**Bakshy A. Chibber**, research associate professor of chemistry and biochemistry, presented an invited seminar titled "Protein and Peptide Ladders in Drug Discovery Research" on Oct. 25 at the "Analytical World Conference," Hyderabad, India.

**Daniel M. Chipman**, professional specialist in the Radiation Laboratory, presented a seminar titled "Incorporation of a Dielectric Continuum Model of Solvation into Electric Structure Theory" to the Dept. of Chemistry and Biochemistry, Univ. of Maryland, College Park, on Oct. 30.

**Kevin J. Christiano**, associate professor of sociology, delivered an invited presentation on a new book *American Catholics Today: New Realities of Their Faith and Their Church*, by W.V. D'Antonio et al. in an "Authors Meet the Critics" session for the annual joint meeting of the Religious Research Association and the Society for the Scientific Study of Religion, in Tampa, Fla., Nov. 2–4, where he also moderated the regular program session on "Reviews of Theory and Research."

**Julia Douthwaite**, professor of French and Kellogg Fellow, presented "*Pour une histoire de la lecture romanesque sous la Révolution française*" at "*Débats et écritures sous la Révolution française: Colloque international franco-américain*" sponsored by the Univ. de Provence, Aix-en-Provence, France on Oct. 20.

**William G. Dwyer**, the Hank Professor

of Mathematics, was an invited speaker at the "International Conference in Algebraic Topology" in Djerba, Tunisia, Oct. 13–16, where he delivered the keynote address titled "The work of Jean Lannes in Algebraic Topology."

**Rev. Virgil Elizondo, C.S.C.**, professor of theology, taught "Jesús de Galilea—El Cristo" July 2–6 at the Jesuit School of Theology, Berkeley; presented "A Movement for Catholic Schools" at the Carnegie Foundation for the Advancement of Teaching, Palo Alto, Calif., Sept. 27; presented the keynote "The New Mestizaje: Implications for the Ministerial Priesthood" at the 2007 National Conference for Seminarians in Hispanic Ministry, St. Paul/Minneapolis Oct. 19; presented a workshop titled "Peace with Jesus: Engaging in Conversation" on Oct. 27; led a discussion group with youth; and participated in a panel discussion on Oct. 28.

**Malcolm Fraser**, professor of biological sciences, presented "Progress in Group I Intron Inhibition of Dengue Virus Infection of Mosquito Cells" at the "Third Annual Grand Challenges in Global Health" meeting in Cape Town, South Africa, Oct. 7–9.

**Thomas Gresik**, professor of economic and econometrics, presented "Optimal Separate Accounting vs. Optimal Formula Apportionment" at the Center for Economic Studies at Ludwig Maximilians Univ. in Munich and at the Univ. of Innsbruck in October.

**Gregory V. Hartland**, professor of chemistry and biochemistry, presented an invited seminar titled "Spectroscopy and Dynamics of Nanomaterials" at Ohio Univ., Athens, on Oct. 29.

**Michael Jenuwine**, associate professional specialist and adjunct professor of psychology, and **Thomas Shaffer**, law professor emeritus, presented a survey for alumni of the legal ethics of R. Cohen's "Everyday Ethics" newspaper column on Oct. 13 in the Notre Dame Law School.

**Prashant V. Kamat**, professor of chemistry and biochemistry, senior scientist in the Radiation Lab, and concurrent professor of chemical and biomolecular engineering, presented "Meeting Clean Energy Demand with Nanotechnology" as the Rajendralal

Mitra Professorship Lecture for the Indian Association for the Cultivation of Science, Kolkata, India, Sept. 25, along with two other departmental seminars at the same institute: "Nanotube Architecture for Solar Cells and Fuel Cells," Sept. 26 and "Quantum Dot Solar Cells," Sept. 27. Kamat also presented two lectures at the Institute of Science, Bangalore, on Oct. 3: "Nanostructure Hybrid Architectures for Solar Energy Conversion" and "Scientific Publications—Issues, Impact and Ethics"; an invited talk at the "Third JNC Research Conference on Chemistry of Materials," Munnar Kerala, India, Sept. 28–Oct. 1; "Semiconductor Quantum Dot Architectures for Solar Energy Conversion" as a seminar for the Chemistry Dept. at the Univ. of North Carolina, Charlotte, on Oct. 23; and "Quantum Dot Solar Cells" at the Univ. of Colorado, Boulder, on Nov. 2.

**David Lodge**, professor of biological sciences, presented "Ecological Impacts of Invasive Species in the Great Lakes Region" at Michigan State Univ. as a keynote speaker for a workshop in invasive species management, Oct 8–10; and "Biological Invasions and Public Policy" as the keynote speaker at "Invasive Species Management: 2007 PREISM Workshop" in Washington, D.C., Oct. 18.

**Dan Meisel**, professor of chemistry and biochemistry, presented "Radiation Chemistry at the Solid-Aqueous Interface" as an invited talk at the "Condensed Phase and Interfacial Molecular Sciences Conference," Airlie, Va., Oct. 21–24.

**Vanessa A. Miseres**, adjunct instructor of Spanish, presented "*Otro camino hacia la cura: Juana Manuela Gorriti y la construcción de una subjetividad femenina*" and organized and chaired the panel "*En otras palabras: la construcción del sujeto autobiográfico femenino en escritoras del siglo XIX latinoamericano*" at the "XVII International Congress of the Latin American Studies Association" in Montreal, Canada, Sept. 5–8.

**Asokendu Mozumder**, professor emeritus in the Radiation Laboratory, pre-

sented "Theory of Fast Charged Particle Interaction with Matter: Fundamentals and Some Recent Progress" at "JAERI, Takasaki, Japan, on Oct. 3; "Free-ion Yield in Liquefied Rare Gases" at Waseda Univ., Tokyo, on Oct. 6; "Quasi-Ballistic Model of Electron Mobility in Liquid Hydrocarbons: A Consistent Picture" at the annual meeting of Rad. Res. Soc. (Japan), Kyoto, on Oct. 10; "Some Recent Advances In Theoretical Radiation Chemistry" at Osaka Univ. on Oct. 15; "Recent Progresses in Theories of Radiation Chemistry" at Waseda Univ., Tokyo, on Oct. 17; "Effect of Mean Free Path on Electron-Ion Recombination" at JAEA, Tokai, on Oct. 19; "Early Stages in the Radiolysis of Liquid Water" at the Univ. of Tokyo on Oct. 22; "Electron Scavenging in the Quasi-Ballistic Model" at the Univ. of Tokyo on Oct. 29; and "Radiolysis of Liquid Water: Concepts and Progress" and "Electron Localization in Liquid Hydrocarbons: The Anderson Model" at JAEA, Tokai, Nov. 5–6.

**Al Neiman**, professional specialist in philosophy, presented "Alcoholics as a Somaesthetic Educational Discipline" as part of a symposium titled "Somatic Wisdom: Education to Cook, Eat and (Not) Drink," offered as part of the 2007 annual meeting of the American Educational Studies Association, Oct. 24–28, in Cleveland.

**Marcelo Ramalho-Ortigao**, research assistant professor of biological sciences, presented "Transcriptome of Sand Flies: From Spit to Vaccines" and "Sand Fly Genomics and Functional Genomics" at FIOCRUZ in Rio de Janeiro, Sept. 26–Oct. 14.

**María Rosa Olivera-Williams**, associate professor of Spanish and Fellow of the Nanovic and Kellogg institutes, organized and chaired the session "*Literatura, crimen y justicia*" and presented "*De la mujer escritora a la mujer criminal: Estética del crimen en Cárcel de mujeres de María Carolina Geel*" at the Latin American Studies Association International Congress, Montreal, Canada, Sept. 5–8; organized, with **Lionel Jensen**, associate professor of East Asian languages and literatures, concurrent assistant professor of history, and Kellogg Institute Fellow, and Snite Museum Director **Charles Loving**, of the events highlighting the work

of renowned author Julia Alvarez and Nobel laureate Gao Xingjian "Between Homeland and Heartland," Univ. of Notre Dame, Sept. 10–13; and organized and chaired the panel "Between Homeland and Heartland: A Literary Conversation with Nobel laureate Gao Xingjian and Dominican-American writer Julia Alvarez" at the same event.

**Joseph M. Powers**, associate professor of aerospace and mechanical engineering, gave an invited seminar titled "Computing Multiscale Gas-Phase Combustion" at Washington Univ., Dept. of Mechanical, Aerospace, and Structural Engineering, St. Louis, Mo., on Oct. 25.

**Mark W. Roche**, the I. A. O'Shaughnessy Dean and Joyce Professor of German Language and Literature, lectured on "The Catholic University in the 21st Century: Opportunities, Ideals, Pitfalls, and Strategies" at Salve Regina Univ., in May; on "The Three-fold Value of a Liberal Arts Education" at Spalding Univ., Louisville, in March; and on "Religion and Intellectuals" at the Univ. of Iowa, in March.

**W. Robert Scheidt**, the Warren Professor, of Chemistry and Biochemistry presented an invited talk titled "NRVS and Events Along the Way" at California Institute of Technology's Dept. of Chemistry, Pasadena, on Oct. 22.

**Raymond Sepeta**, first year academic advisor, presented "Advising First Year Science Majors According to Socrates" at the 2007 NACADA conference in Baltimore, Oct. 18–21.

**Slavi C. Sevov**, professor of chemistry and biochemistry, presented an invited graduate recruitment seminar titled "Deltahedral Zintl Ions" at Illinois State Univ., Normal, on Oct. 19; and an invited seminar titled "Charge-Assisted Hydrogen-Bonded Frameworks" at the Southeast Regional ACS meeting, Greenville, S.C., on Oct. 26.

**Andrew J. Sommese**, the Duncan Professor of Mathematics and director of the Center for Applied Mathematics, presented a colloquium titled "Numerical Algebraic Geometry" at the Mathematics Dept. of the Univ. of Western Ontario, Canada on July 24; a talk, "Recent Results in Numerical Algebraic Geometry," in the "Commutative Algebra and Algebraic Geometry Seminar"

at the Mathematics Dept. of the Univ. of California at Berkeley on Oct. 2, and at the special session on “Numerical and Symbolic Techniques in Algebraic Geometry and Its Applications” of the American Mathematical Society sectional meeting at De Paul Univ. in Chicago on Oct. 5; and a talk, “Numerical Algebraic Geometry,” in the Electrical and Computer Engineering Dept. of North Carolina State Univ. at Raleigh on Oct. 19.

**Richard Taylor**, professor of chemistry and biochemistry, presented a seminar titled “Evolution of Polyketide Natural Products” on Oct. 23 at Oswego State Univ., N.Y.; and an invited seminar titled “Evolution of Polyketide Natural Products.” for the Chemistry Dept. at the Univ. of Rochester, N.Y., on Oct. 24.

**Julia Adeney Thomas**, associate professor of history, presented “Postwar Japanese Photography’s Fugitive Reality” at Birkbeck College at the Univ. of London on Oct. 11, and at St. Antony’s College, Oxford, on Oct. 12.

**M. Katherine Tillman**, professor emerita, Program of Liberal Studies, was the featured speaker at the 2007 National Newman Conference, “The University Gentleman and the Oratory Gentleman,” at the National Institute for Newman Studies, Pittsburgh Pa., in August.

**John P. Welle**, professor of Romance languages and literatures, concurrent professor of film, television and theatre, and Fellow of the Nanovic Institute, participated in the round-table discussion, “Behind the Screens: Teaching Italian Cinema,” at the American Association of Italian Teachers’ annual conference in Washington, D.C., Oct. 13.

## Publications

**J. Douglas Archer**, librarian, contributed “ILF Board Endorses ALA Council Resolution” and “Law for Indiana Librarians” to *Focus on Indiana Libraries* 61 (2007): 10.

**Theodore Cachey**, professor and chair of the Dept. of Romance Languages and

Literatures, published “Maps and Literature in Renaissance Italy,” *The History of Cartography* 3, Part 1, D. Woodward, ed. (Chicago: Univ. of Chicago Press, 2007): 450–60.

**Kevin J. Christiano**, associate professor of sociology, published a review of two books compiled by J.E. Wood Jr.: *Church and State in Historical Perspective: A Critical Assessment and Annotated Bibliography* and *Church and State in the Modern World: A Critical Assessment and Annotated Bibliography*, in *Studies in Religion/Sciences religieuses* 36, No. 2 (2007): 409–10; and “The Trajectory of Catholicism in Twentieth-Century Quebec,” in L.W. Tentler, ed. *The Church Confronts Modernity: Catholicism Since 1950 in the United States, Ireland, and Quebec* (Washington, D.C.: The Catholic University of America Press, 2007): 21–61.

**John Duffy**, associate professor of English and Fellow, Institute for Educational Initiatives, published, with H.J. Graff, “The Literacy Myth” in the *Encyclopedia of Language and Education, Literacy* 2, Second Edition, B. Street and N.H. Hornberger, eds. (Springer, 2007): 41–52; and *Writing from These Roots: The Historical Development of Literacy in a Hmong American Community* (Honolulu: Univ. of Hawaii Press, 2007).

**Morten R. Eskildsen**, assistant professor of physics, published “Pauli Paramagnetic Effects on Vortices in Superconducting TmNi<sub>2</sub>B<sub>2</sub>C” with L. DeBeer-Schmitt, M. Ichioka, K. Machida, N. Jenkins, C.D. Dewhurst, A.B. Abrahamsen, S.L. Bud’ko, and P.C. Canfield, *Phys. Rev. Lett.* 99, (2007): 167001-1–167001-4.

**Umesh Garg**, professor of physics, published “Isotopic Dependence of the Giant Monopole Resonance in the Even-A<sup>112-124</sup> Sn Isotopes and the Asymmetry Term in Nuclear Incompressibility” with T. Li, Y. Liu, R. Marks, B.K. Nayak, P.V. Madhusudhana Rao, et al. *Phys. Rev. Lett.* 99 (2007): 162503-1–162503-4.

**Thomas Jemielity**, professor emeritus, Nanovic Institute, published “No Sex Please! We’re Hoosier Animals,” *farce.cynicmag.com* 9, No. 10 (October): 15–31 or [farce.cynicmag.com/default.asp?articleid=1928&issueid=57](http://farce.cynicmag.com/default.asp?articleid=1928&issueid=57).

**Prashant V. Kamat**, professor of chemistry and biochemistry, senior scientist in the Radiation Lab, and concurrent professor of chemical and biomolecular engineering, published “Anchoring ZnO Particles on Functionalized Single Wall Carbon Nanotubes, Excited State Interactions and Charge Collection” with F. Vietmeyer and B. Seger, *Advanced Materials* 19 (2007): 2935–40; and “Organic Solar Cells. Supramolecular Composites of Porphyrins and Fullerenes Organized by Polypeptide Structures as Light Harvesters” with T. Hasobe et al., *J. Mater. Chem.* 17, No. 39 (2007): 4160–70.

**Marisel Moreno**, assistant professor of Spanish, published “Debunking Myths, Destabilizing Identities: A Reading of Junot Diaz’s ‘How to Date a Brown girl, Black girl, White girl, or Halfie,’” *Afro-Hispanic Review* 26, No. 2 (fall 2007).

**John P. O’Callaghan**, associate professor of philosophy, published “Thomism and Analytic Philosophy: A Discussion on Thomism and Analytic Philosophy,” in *The Thomist* 71, No. 2 (April 2007): 269–317.

**Mark W. Roche**, the I. A. O’Shaughnessy Dean and Joyce Professor of German Language and Literature, published “*Gerechtigkeit und der Rückzug Gottes* in Woody Allens *Verbrechen und andere Kleinigkeiten*” in *Der Deutschunterricht* 59, No. 4 (2007): 50–59; and “Introduction to Hegel’s Theory of Tragedy” in *PhaenEx: Journal of Existential and Phenomenological Theory and Culture* 1 (2006): 11–20. A Korean translation of his essay “*Größe und Grenzen von Hegels Theorie der Tragödie*” appeared as part of the volume *Beauty and Dialectics*, published by the Korean Hegel Society as *Hegel Studies* 19 (2005): 19–67.

**Michael M. Stanisc**, associate professor of aerospace and mechanical engineering, published “A Quantified Description of the Coupling Between the Reaching Direction and the Elbow Axis Direction” with C.M. Goehler and M. Tomsic, *Journal of Biomechanics* 4, No. 2 (2007): 47–55; and “Singular Planes of Serial Wrist-Partitioned Manipulators and their Singularity Metrics” with C.M. Goehler, *Mechanism and Machine Theory* 42, No. 8 (2007): 889–902.

**M. Katherine Tillman**, professor emer-

ita, Program of Liberal Studies, published “Some Aspects of Human Nature as Viewed by Cardinal John Henry Newman,” *Expositions* 1.1 (March, 2007) 29–52 [also online].

# Administrators' Notes

## Activities

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**Miguel A. Franco**, staff psychologist in the University Counseling Center, presented a program to St. Joseph Middle School titled "Understanding Masculinity and How to Become More Human" on Nov. 8.

## Publications

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**Gordon L. Hug**, instrumentation coordinator in the Radiation Laboratory, published "Conformational Influence on the Type of Stabilization of Sulfur Radical Cations in Cyclic Peptides" with K. Bobrowski et al., *ChemPhysChem* 8 (2007): 2202–10.

**Valerie Staples**, coordinator of eating disorder services at the UCC, presented "Disordered Eating: Understanding the Process of Change" to the Saint Mary's Residence Hall staff on Oct. 2.

# Documentation

## University Committee on Women Faculty and Students

University of Notre Dame  
Meeting of April 25, 2007

**Members present:** Rev. Patrick Gaffney, CSC (chair), Amy Barrett, Sr. Susan Dunn, O.P., Amber Handy, Sallie Hood, Sharon Hu, Jean Ann Linney, Mary Ann McDonald, Kevin Misiewicz, Salma Saddawi, Carol Tanner

**Members absent:** Leilani Arthurs, Elizabeth Clifton, Mackay Jennifer Gunn, Jessica Kayongo, Jackie Smith

**Permanent Invited Guests:** Jill Bodensteiner, associate vice president and counsel; Catherine Pieronek, Director, Academic Affairs and Director, Women's Programs, College of Engineering; Heather Rakoczy, Director, Gender Relations Center

**1. Minutes of the Meeting of March 23, 2007:** The minutes of the meeting of March 23, 2007, were approved without correction.

**2. Position of the Graduate Student Union on the Notre Dame health insurance plan and other suggestions for improvement of graduate student life:** Amber Handy, representative of the Graduate Student Union (GSU) on the UCWFS, made several points to the Committee regarding graduate student health insurance, which is under review this year by a University-wide committee. She said that the GSU is not interested in a "manifesto" on health insurance; rather, students are interested in keeping graduate health insurance rates at an affordable level. The GSU believes that this can best be accomplished by a subsidy from the University that keeps out-of-pocket costs for students at 10-15% of the base nine-month stipend. GSU members would also like an option for students to purchase dental or vision riders at their own expense. They would also welcome an option to purchase travel insurance when studying or researching abroad.

A second area of concern for graduate students, Ms. Handy said, remains accommodation for childbirth and childcare. She shared information with members at two peer institutions—Princeton and Stanford. Princeton just announced this month a new policy for graduate students in the area of childcare. Now, that institution will provide full financial support and suspension of academic deadlines for three months to graduate students who give birth or adopt a baby. Fathers who act as the primary caregiver of a child are eligible for an accommodation as well. See <http://grad-school.princeton.edu/studentlife/childcare/childbirth/>.

Another comparison is provided by Stanford, Ms. Handy said. When women Stanford's graduate and professional schools give birth to a baby, they are afforded two semesters of leave, with full access to benefits, and a one-quarter extension of any academic timelines. See <http://www.stanford.edu/dept/DoR/GSH/childbirth.html#summ>

Ms. Handy said that these policies should be contrasted to Notre Dame's childbirth accommodation policy, which is six weeks of leave. See:

In situations involving childbirth, the [six-week] separation period will generally begin on the actual date of childbirth; in all cases, regardless of the nature of the medical condition, the duration of the separation will be as certified by the physician up to a maximum of six weeks. Students may utilize this medical separation policy two non-consecutive times during their graduate studies. Should students need more than six weeks at any one time, they must withdraw from the University. Leaves of absence for one semester or more for medical or other reasons are governed by the Graduate School Leave of Absence policy.

[http://graduateschool.nd.edu/html/policies/#med\\_separation](http://graduateschool.nd.edu/html/policies/#med_separation)

Ms. Handy said that it is her hope that

Notre Dame can adopt a childbirth/child-care accommodations policy similar to Princeton or Stanford in the future. In the meantime, Notre Dame's policy, adopted only recently, needs to be publicized to graduate students.

Finally, Ms. Handy informed members of an initiative at Harvard to help graduate students with housing needs. She pointed out a few Web sites that offer useful services to graduate students—for example, seminars on how to go about purchasing a home or listings of preferred lenders who will give discounts on rates and closing costs as well as help with relocation to Cambridge.

See: [http://www.gsas.harvard.edu/current\\_students/living\\_off\\_campus.php](http://www.gsas.harvard.edu/current_students/living_off_campus.php)

<http://www.hres.harvard.edu/rre.htm>

<http://www.facultyrealestate.harvard.edu/homebuying.htm>

Ms. Handy said that these services should be quite easy to replicate at Notre Dame. Even if the University does not want to enter into any arrangements for discounts with specific brokers, she believes that both the Near Northwest and Near Northeast neighborhood associations would be interested in developing similar programs for Notre Dame graduate students. She added that South Bend's relatively low cost of living should be used in all Graduate School materials as a marketing point.

There was further discussion among members of graduate student health insurance and stipends, with committee members agreeing to endorse efforts by the Graduate School and Provost's Office to find better solutions to current healthcare subsidies for graduate students. Ms. Handy will draft a letter to the Provost on behalf of the Committee. It can be brought forward for discussion at a meeting this coming fall.

**Report on the Ad Hoc Committee on Gender Issues:** Prof. Linney, a member of the President's *Ad Hoc* Committee on Gender Issues, gave a short report to the UCWFS on that group's activities this past year. President Jenkins formed the *ad hoc* committee in 2007 as part of the campus-wide discussion on academic freedom and Catholic character. Composed of faculty, administrators, and students, the committee was charged with "fostering a wide-ranging

discussion of gender relations, roles, and ways to prevent violence against women.” See <http://president.nd.edu/speeches-and-publications/closingstatement/index.shtml>.

Prof. Linney said that the committee sponsored four main activities: presentation of the play *Loyal Daughters*; the Edith Stein Project, a conference devoted this year to the theme of “healing for women who have been victimized in body and spirit and to discuss the manner in which contemporary culture imperils the dignity of women.” [see <http://newsinfo.nd.edu/content.cfm?topicid=21307>]; a one-night forum titled “Sex and the City of God,” which explored the interplay between Catholicism and popular culture; and a day of discussion with Men Against Violence.

The events were not intended to provide a specific point of view but to “stimulate discussion” on campus about issues of concern.

**4. Discussion with Liz Brown, Student Government President:** New Student Government President Liz Brown attended today’s UCWFS meeting to provide members with a sense of the direction of Student Government under her administration. Ms. Brown outlined some of the key parts of her platform—improved community relations, promotion of social concerns both locally and globally, improving academic life by more interaction with faculty and students outside of the classroom, improving student life on some fronts, and increasing access to Student Government by way of online forms and polls.

**5. Election of new UCWFS chair:** Fr. Gaffney suggested that the Committee postpone the election of its new chair for the fall, when all new elected and appointed members will be present.

## Faculty Board on Athletics Meeting Minutes

May 7, 2007

Sorin Room, LaFortune Student Center

**Members:** Prof. Donald Pope-Davis (Chair); Prof. Harvey Bender; Prof. Eileen Botting; Prof. Stephan Fallon; Mr. Patrick Holmes; Ms. Kathryn Lam (Student Rep.); Prof. Daniel Lapsley; Prof. Vincent Rougeau; and Prof. John Weber

**Members absent:** Prof. Francis Castellino; Prof. David Kirkner; (Rev.) Mark Poorman,

C.S.C.; Dr. Frances Shavers; Prof. Richard Pierce; and Dr. Kevin White

**Board Liaisons:** Mr. Michael Karwoski and Mr. Stan Wilcox of the Department of Athletics

**Liaisons absent:** Ms. Missy Conboy of the Department of Athletics

**Observers and Guests:** Mr. John Heisler, Sr. Associate Athletic Director of Media Relations, Sports Information Office

**1. Call to Order and prayer:** The Chair called the meeting to order at 6:00 p.m. Prof. Vincent Rougeau offered the opening prayer.

**2. Minutes of previous meeting:** The minutes from the meeting of April 13, 2007 passed unanimously.

**3. Informational items:** No informational items were distributed.

### 4. Reports:

#### Academic Profile of Student-Athletes

Mr. Holmes presented to the Faculty Board a handout containing both a full report and a summary of the academic profile of Notre Dame’s student-athletes, a report presented annually. Notre Dame currently has 675 student-athletes participating on 26 varsity teams. This number represents 8.10% of Notre Dame’s undergraduate population. Of these students-athletes, 400 (or 59.26%) receive athletics grants-in-aid. Women represent 42.00% of student-athletes receiving grants-in-aid and receive 41.57% of aid actually dispersed. Women represent 46.58% of the Notre Dame undergraduate population and 41.93% of the Notre Dame student-athlete population. Minority students represent 20.7% of the undergraduate population and 17.1% of the student-athlete population. African-Americans comprise 4.0% of the undergraduate population and 10.1% of the student-athlete population. African-American males represent 3.8% of the male population and 13.5% of the male student-athlete population. Of the African-American male undergraduates, 31.4% are student-athletes. With regard to religious affiliation, 82.4% of undergraduates are Catholic; 63.1% of student-athletes are Catholic. While the Notre Dame undergraduate population generally divides about equally among the four grade levels, the student-athlete numbers decrease as

student-athletes advance through Notre Dame—in part due to a natural process of attrition and in part to the fact that a number of sports, such as rowing, football, and track, have large first year numbers. With regard to distribution in Notre Dame’s colleges, 50.6% of undergraduates are enrolled in either Arts and Letters (32.4%) or Business (18.2%). Of all student-athletes, 55.2% are enrolled in Arts and Letters (30.5%) or in Business (24.7%). Engineering (9.2%) and Science (12.9%) claim 22.1% of all Notre Dame undergraduates. Engineering (4.0%) and Science (7.0%) claim 11.0% of student athletes. The most popular majors for Notre Dame undergraduates as a whole are political science, finance, psychology, biology, and science pre-professional. The most popular majors for student-athletes are finance, marketing, sociology, accounting, and psychology. Male student-athletes most frequently major in finance, accounting, history, marketing and political science. Female student-athletes most often major in marketing, sociology, finance, psychology and science pre-professional. Mr. Holmes discussed each category set out in the summary. He pointed out that the numbers describe the situation at the conclusion of the Fall semester.

Prof. Pope-Davis suggested that the Board be provided results from prior years in a side-by-side comparison to have a better understanding of the trends taking place over time. Mr. Holmes agreed to provide such figures in the future.

#### Drug Testing of Student Athletes

In the absence of Dr. Shavers (a member of the Faculty Board and also Chair of the University Drug Testing Committee), Professor Pope-Davis distributed a memo from Dr. Shavers regarding the 2006-2007 Report of Drug Testing Program. The memo provided an overview of this year’s results.

#### Athletics Department Summary

Substituting for Dr. White, Mr. Heisler presented an update on the athletics programs for 2006–2007. Notre Dame is currently ranked 14th in the latest set of standings released in the 2006–07 United States Sports Academy Division I Directors’ Cup all-sports competition sponsored by the National Association of Collegiate Directors



of Athletics (formerly known as Sears Directors' Cup). Mr. Heisler also noted that Notre Dame's APR (Academic Progress Rate) is very strong. [APR ratings are calculated by the NCAA and are based on the academic eligibility, retention and graduation of student-athletes.]

15 Notre Dame teams have competed or will compete in NCAA competition or a bowl game, with two other teams sending one individual to post-season competition—a total of 17 teams with NCAA/bowl game postseason (of 19 possible; 7 TBA). Eight teams finished among the NCAA top-32, five in the top-8 and three in the top-4 (does not include BCS bowl-game entry). Additionally, Notre Dame is on pace to have 15 teams ranked in the final national top-25 (of 24 sports with national polls). The Irish have seen 16 different teams ranked in the top-25 (of 22 with national polls), including 15 that were ranked in the top-20, 12 in the top-15, 11 in the top-10, eight in the top-5 and four ranked as high as 1st (2) or 2nd (2). Notre Dame has finished as a postseason conference champion or runner-up in 16 of 23 sports (includes men's lacrosse regular-season/no tournament; 2 TBA) while finishing 1st—3rd in 19 of those sports and among the top-4 in 21 of the 23. The Irish won three regular-season league titles and finished top-4 in eight of nine (one TBA).

A discussion ensued regarding tracking the progress of student-athletes after they graduate from the University. Mr. Heisler noted that the Athletic Department does conduct exit interviews of each graduating senior student-athlete but does not currently track their progress after graduation. Responding to questions about whether the Monogram Club tracked such information, Mr. Heisler noted that the Monogram Club does not gather or analyze extensive data on its members relative to their professional progress. Prof. Rougeau suggested that the Office of Institutional Research (OIR) already collects similar data on all graduates and that perhaps it would be best to utilize an already existing operation to obtain such data (e.g., simply adding a few questions to the OIR questionnaire to indicate whether the student participated in a varsity sport and on what team he/she was a member). Prof. Bender suggested that information

from intervals of 5 and 10 years after graduation would be helpful in following up on student-athletes and understanding how they progress after their experience at Notre Dame.

#### 5. Amendment to Nonrenewal of Athletics Grants-in-Aid Appeals Process

Prof. Botting of the Student Welfare Subcommittee presented a minor amendment to the Faculty Board policy regarding the appeals process for nonrenewal of athletics grants-in-aid. The specific issue is the right of the student-athlete to be present during testimony of the coach and other parties.

Current language: "No witness or party is present during the testimony of any other witness or party, except that the student-athlete may choose to be present for any and all witness testimony and to respond to such testimony."

Proposed amendment: "No witness or party is present during the testimony of any other witness or party, except that the student-athlete may choose to be present for any and all witness OR PARTY testimony and to respond to such testimony."

Prof. Botting explained that the Board's original intention was to have such language included in the policy. She referenced the minutes of the meeting of May 8, 2006 (see item 5, pp. 69-70) and the policy itself (see the Appendix to the minutes, pg. 71). She explained that it was an oversight that such language was not included in the draft included in the 2006–2007 Faculty Board on Athletics Manual. The Board unanimously approved the amendment stated above. See below for the revised policy.

**6. Adjournment:** The Chair adjourned the meeting.

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#### Athletics-Related Financial-Aid Hearing Procedures

As amended, May 2006 and May 2007

Notre Dame has traditionally respected and honored the impressive service and commitment of the student-athlete to the good of the broader university community. Consequently, Notre Dame has sought to strongly protect the security and well-being

of its student-athletes, including in matters pertaining to athletics-related financial aid. The cost of a Notre Dame education significantly exceeds that of many of its peers in NCAA Division I athletics. For this reason, Notre Dame's practice has shunned non-renewals, cancellations, or reductions of athletics-related financial aid. Additionally, in general practice, Notre Dame has not considered a student-athlete's athletic performance, contribution to the team, or injury as appropriate grounds for non-renewals, cancellations, or reductions of athletics-related financial aid. The administration of the Department of Athletics has treated seriously those rare cases in which non-renewals, cancellations, or reductions of athletics-related financial aid have been proposed; such cases involve student-welfare issues that warrant careful deliberation, complete fairness, and appreciation of the decision's crucial effects on the student-athlete's ability and desire to remain and flourish at Notre Dame.

A student-athlete whose athletics-related financial aid is reduced, cancelled, or not renewed by the Director of Athletics is informed in writing by the Director of Financial Aid that he or she, upon written request to the Faculty Athletics Representative (FAR), has an opportunity for a hearing. The written request for a hearing must be received by the FAR within fifteen (15) days of the University's written notification of the reduction, cancellation, or non-renewal of the student-athlete's athletics-related financial aid.

A hearing is conducted no later than thirty (30) days after the FAR receives the written request for a hearing. The FAR appoints two non-ex officio faculty members of the Faculty Board on Athletics and the Faculty Board's student representative as voting members of the hearing panel. The Vice President for Student Affairs or his/her designee serves as a voting member of the hearing panel. The Director of Student Financial Services or his/her designee serves both as a voting member and as the chair of the hearing panel. The sole non-voting member of the hearing panel is the director of NCAA Compliance in the Department of Athletics, who serves as a resource concerning NCAA, conference, and Department of Athletics rules and regulations for the voting members of the hear-

ing panel.

At the hearing, the student-athlete appealing the decision and representative(s) of the Department of Athletics, including the head coach of the student-athlete's team or former team, are given an opportunity to argue for or against the decision under appeal.

The hearing is informal. No rules of evidence apply. Neither the student-athlete nor the representative(s) of the Department of Athletics may proceed through legal counsel at the hearing. They may, however, seek the advice of legal counsel or be represented by legal counsel outside the hearing. At the hearing, both parties are afforded a reasonable opportunity for the presentation of relevant witnesses (in person or in writing) and pertinent documentary evidence. The hearing panel may question any and all witnesses, examine documentary evidence and summon other witnesses as it deems appropriate. No witness or party is present during the testimony of any other witness or party, except that the student-athlete may choose to be present for any and all witness or party testimony and to respond to such testimony. Otherwise, the hearings are open only to the hearing panel and to the parties or witnesses while they testify. No later than seven (7) days prior to the hearing, the student-athlete and representative(s) of the Department of Athletics provide to the chair of the hearing panel every document or other exhibit they plan to use at the hearing, and the names of any witnesses they intend to call. The chair of the hearing panel promptly distributes to the other party copies of all materials submitted by each party. The hearing panel may refuse to hear the testimony of any witnesses not so disclosed or to consider any exhibits not so disclosed.

After the presentation of all the evidence and testimony, the voting members of the panel deliberate in closed session. The panel's deliberations remain confidential unless disclosure is required by law. The panel decides whether or not NCAA, conference, and university rules and regulations regarding the decision under appeal have been applied to the student-athlete's case in a reasonable and fair, and therefore not arbitrary, manner. The hearing panel may accept, reject or modify the decision of the Department of Athletics. It puts forward a single vote, positive or negative, regard-

ing the appeal. Within ten (10) days after the hearing, the chair of the hearing panel transmits a written copy of its decision to the student-athlete and to the Department of Athletics. The decision of the hearing panel is final and may not be appealed.

Nothing in these policies and procedures prohibits or prevents the student-athlete and the Department of Athletics from resolving their dispute by mutual agreement at any time. If such an agreement is reached, the student-athlete or the Department of Athletics promptly so notifies the hearing panel, in writing, and the pending review is dismissed.

## Faculty Board on Athletics Meeting Minutes

Special session to discuss the University's housing policy for grant-in-aid student-athletes

May 15, 2007

Sorin Room, LaFortune Student Center

**Members:** Prof. Don Pope-Davis (Chair); Prof. Harvey Bender; Prof. Eileen Botting; Prof. Stephen Fallon; Mr. Patrick Holmes; Ms. Kathryn Lam (Student Rep.); Prof. Daniel Lapsley; (Rev.) Mark Poorman, C.S.C.; Prof. Richard Pierce; Prof. Vincent Rougeau; and Dr. Frances Shavers

**Members absent:** Prof. Francis Castellino; Prof. David Kirkner; Prof. John Weber; and Dr. Kevin White

**Board Liasons:** Mr. Michael Karwoski, Ms. Missy Conboy, and Mr. Stan Wilcox of the Department of Athletics

**Observers and Guests:** Ms. Ann Firth, Associate Vice President of Student Affairs; and Ms. Kitty Cooney Hoye, recorder.

**1. Call to order:** The Chair called the meeting to order at 4 pm.

**2. Amendment of the University's housing policy for grant-in-aid student-athletes**

[Currently, the University's housing policy for grant-in-aid student athletes is as follows:

Grant-in-aid student-athletes must live on campus at least until the end of their junior year. Such student-athletes may live

off-campus as seniors if they achieve: 1) a cumulative grade-point average of at least 2.70 over their first five semesters; or 2) a semester grade-point average of at least 3.00 in both their fourth and fifth semesters. Student-athletes wishing to reside off-campus as seniors must, during their junior year, file a petition with the director of athletics. Moreover, the head coach, the Office of Student Affairs and the director of athletics must endorse such petitions. The faculty board does not review or vote on these petitions.

During the 2006–07 academic year, the subcommittee on student welfare evaluated the current housing policy and sought feedback on the policy through discussion with student-athletes, coaches, and Student Affairs.]

At today's meeting, having already reviewed the subcommittee proposal as well as Fr. Poorman's follow-up draft/revision, the Chair asked Prof. Botting to speak on behalf of the subcommittee's initial draft of the off-campus housing policy, which generally eliminates a GPA requirement for senior student-athletes. He will then turn the floor over to Fr. Poorman for a discussion on his proposed revisions to the subcommittee's original draft.

Prof. Botting stated that the subcommittee is comfortable with Fr. Poorman's draft and suggested, in the interest of time, that the discussion focus instead on Fr. Poorman's draft/revisions. Fr. Poorman prefaced his remarks by pointing out that he does not consider this draft as being a "policy" per se, but rather "recommendations" for the entity that will ultimately put the recommendations into practice. If the Board's revisions are to become a policy, he said, they must have a home where they can reside and be enforced. He believes that the Department of Athletics would be the most logical "home" for the policy.

A lengthy discussion followed and focused primarily on the first two recommendations to the policy; eligibility (all varsity student-athletes or only those with grants-in-aid over a certain figure), and timing (at what point are student-athletes eligible to apply to live off campus). Fr. Poorman's draft included a recommendation requiring all student-athletes who receive a certain percentage of grant-in-aid (\$4000), to

live on campus until the end of their junior year. After briefly explaining the grant-in-aid process, Mr. Karwoski urged the board to delete the portion of the policy that limited eligibility to those with grants-in-aid that “total half or more of the yearly charge for room and board.” In reality, explained Mr. Karwoski, the first portion of any student-athlete’s grant-in-aid package goes to tuition and therefore, it is not necessary to include such specific requirements. To do so would cause needless confusion. Adding that the policy will likely find a home in their department, Mr. Wilcox concurred with Mr. Karwoski and said that for ease of administration, he would like to see the rules be as simple as possible.

The board also discussed the timing of the policy, with some members questioning whether it was sufficient to allow student-athletes to live off campus during their senior year or whether a specific age requirement should be added. Prof. Pierce, who served as FBA liaison to the hockey team, pointed out that hockey players are, on average, one or two years older than the typical Notre Dame student-athlete. It is the “nature of the sport” he explained, and to limit the policy to only those in their senior year might not be appropriate. Instead, Prof. Pierce argued, adding an age requirement to the policy—“21 years old or older” would take a “maturity factor” into consideration as well.

Members then discussed some of the implications a specific age requirement might have on both the Department of Athletics and Student Affairs. Prof. Pierce and Prof. Rougeau pointed out that class status and/or age are not the only requirements under the policy. At any point along the way, said Prof. Pierce, the coach can still say “no” and deny the student-athlete’s application.

If approved, the new policy would go into effect this fall with student-athletes applying to live off campus for the 2008-09 academic year. To do so, however, pointed out both Fr. Poorman and Mr. Karwoski, requires this board to approve the new policy “very soon.” The chair called for a motion to amend the housing policy for grant-in-aid student-athletes by eliminating the grade point requirement for seniors.

MOTION to change off-campus housing policy as follows:

#### **Housing Policy for Grant-in-aid Student-Athletes at Notre Dame**

Prior to 1997, grant-in-aid student-athletes were required to reside on campus throughout their undergraduate careers. From 1997 to the present, grant-in-aid student-athletes could petition in their junior year for the right to move off campus senior year, provided they met several academic and disciplinary criteria. Based on its review of current policy, the Faculty Board wishes to both ensure the continued participation of grant-in-aid student-athletes in the rich traditions of residential life at Notre Dame and give senior grant-in-aid student-athletes greater freedom in choosing whether to live on or off campus. Currently, approximately 56% of all Notre Dame seniors reside off campus, and not surprisingly, senior grant-in-aid student-athletes also express interest in moving off campus. Their reasons for wishing to live off campus mirror those of other seniors. Some seek more space and privacy than dorm living offers, others want to live with or near their friends, and still others hope to build a bridge between their lives as undergraduates and their post-graduate identities.

In light of these considerations, the housing policy for grant-in-aid student-athletes at Notre Dame is as follows, beginning in Fall 2007:

1. All grant-in-aid student-athletes must live on campus until the end of their junior year. Married grant-in-aid student-athletes are exempted from this policy.
2. During their junior year, grant-in-aid student-athletes who are not on disciplinary probation with the Office of Residence Life and Housing may apply to the Office of NCAA Compliance and Student-Athlete Development/Welfare in the Athletics Department for permission to live off campus during their senior year.
3. Prior to granting permission, the Director of the Office of NCAA Compliance and Student-Athlete Development/Welfare will take the following steps:
  - a) Consult with the Office of Residence Life and Housing to verify that the grant-in-aid student-athlete is not on disciplinary probation; and
  - b) Seek approval from the head coach of each applicant’s team. The head coach will

consider the student’s behavioral history as a member of the team in deciding whether or not to approve the student’s request.

4. The Director of the Office of NCAA Compliance and Student-Athlete Development/Welfare is responsible for issuing decision letters to those grant-in-aid student-athletes who have requested permission to live off campus. If the decision is negative, the letter should include information about the appeals process (described below).

5. The Director of the Office of NCAA Compliance and Student-Athlete Development/Welfare will monitor grant-in-aid student-athletes’ compliance with this policy, working closely with the Office of Residence Life and Housing. In those instances in which the Director of the Office of NCAA Compliance and Student-Athlete Development/Welfare receives information that a grant-in-aid student-athlete is living off campus in violation of this policy, the Director will issue a written warning to the student-athlete, giving him/her seven (7) days to correct the situation.

6. If the Director determines that the grant-in-aid student-athlete is not living on campus after the seven (7) days have elapsed, the Director will schedule a meeting with the grant-in-aid student-athlete and his/her head coach. Those found in violation of the housing policy will face team discipline, including but not limited to, possible loss of playing time. Violators may also face loss of their grant-in-aid.

7. The Director of the Office of NCAA Compliance and Student-Athlete Development/Welfare is responsible for providing grant-in-aid student-athletes with written explanations of any sanctions imposed upon them for moving off campus without permission. Information about the appeals process (described below) should be included with the written explanation.

#### **Grant-in-aid Student-Athlete Housing Policy Appeal Procedures:**

In those instances where: a) a grant-in-aid student-athlete’s request for permission to live off campus during the senior year is denied by the Director of the Office of NCAA Compliance and Student-Athlete Development/Welfare, or b) a grant-in-aid student-athlete is determined

to have moved off campus without permission by the Director of the Office of NCAA Compliance and Student-Athlete Development/Welfare, the grant-in-aid student-athlete is informed, in writing, that he or she, upon written request to the Faculty Athletics Representative (FAR), has an opportunity for an appeal hearing. The written request for an appeal hearing must be received by the FAR within ten (10) days of the Office of NCAA Compliance and Student-Athlete Development/Welfare's written denial of the grant-in-aid student-athlete's request to move off-campus or written explanation of sanctions imposed because of non-compliance with the housing policy.

A hearing is conducted no later than thirty (30) days after the FAR receives the written request for a hearing. The FAR appoints three non-ex officio members of the Faculty Board on Athletics as voting members of the hearing panel. The FAR designates one of these three members of the hearing panel as its chair. The chair of the hearing panel schedules the hearing. At the hearing, the grant-in-aid student-athlete appealing the decision and representative(s) of the Department of Athletics, including the head coach of the grant-in-aid student-athlete's team, are given an opportunity to argue for or against the decision under appeal. The hearing shall be informal. No rules of evidence apply. Neither the grant-in-aid student-athlete nor the representative(s) of the Department of Athletics are permitted to proceed through legal counsel at the hearing. They may, however, seek the advice of legal counsel or be represented by legal counsel outside the hearing. At the hearing, both parties are afforded a reasonable opportunity for the presentation of relevant witnesses and pertinent documentary evidence. The hearing panel has the right to question any and all witnesses, to examine documentary evidence and to summon other witnesses as it deems necessary. No witness or party is present during the testimony of any other witness or party, except that the grant-in-aid student-athlete may choose to be present for any and all witness or party testimony and to respond to such testimony. The hearings are open only to the hearing panel and the parties or witnesses while they are testifying. The grant-in-aid student-athlete and representative(s)

of the Department of Athletics provide to the hearing panel every document or other exhibit to be used at the hearing, and the names of any witnesses they intend to call, no later than seven (7) days prior to the hearing. The hearing panel promptly distributes to the other party copies of all materials submitted by each party. The hearing panel may refuse to hear the testimony of any witnesses not so disclosed or to consider any exhibits not so disclosed.

After all the evidence and testimony are presented, the panel deliberates in closed session. Its deliberations are and remain confidential unless disclosure is required by law. The panel's role is to decide whether or not the grant-in-aid student-athlete housing policy has been applied to the grant-in-aid student-athlete's case in a reasonable and fair manner. The hearing panel may accept, reject, or modify the decision of the Director of the Office of NCAA Compliance and Student-Athlete Welfare/Development. It puts forward a single vote regarding the appeal, positive or negative. Within ten (10) days after the hearing concludes, the chair of the hearing panel transmits a written copy of its decision to the grant-in-aid student-athlete and the Director of the Office of NCAA Compliance and Student-Athlete Welfare/Development. The decision of the hearing panel is final and may not be appealed.

Nothing in these policies and procedures prohibits or prevents the grant-in-aid student-athlete and the Department of Athletics from resolving their dispute by mutual agreement at any time. If such an agreement is reached, the grant-in-aid student-athlete or the Director of the Office of NCAA Compliance and Student-Athlete Development/Welfare promptly so notifies the hearing panel, in writing, and the pending review is dismissed.

Fr. Poorman seconded the motion, which passed unanimously.

**3. Adjournment:** The Chair adjourned the meeting at 4:45pm.

## University Committee on Library (UCL)

Minutes of the Meeting of  
September 14, 2007

7:30 a.m. Café DeGrasta—Grace Hall

**Present:** John Weber (Chair), Heidi Ardizzone, Charles Barber, Ed Edmonds, Mary Hirschfeld (graduate student representative), Mary Keys, Parker Ladwig, Semion Lyandres, Joseph Powers, John Robinson, David Smith, Andrew Sommese, Jenna Spencer (undergraduate student representative), Laurence Taylor, Jennifer Younger (ex officio). Absent and excused: Gordon Wishon (ex officio).

**Observers/guests:** Kitty Cooney Hoye (recorder)

The September 14, 2007 UCL meeting was called to order by John Weber at 7:30 a.m.

### Welcome and introductions—John Weber

John Weber expressed his gratitude to the committee members for their work over the summer. The 2006–2007 UCL Annual Report, along with those from previous years, are now available on line via the library website. Weber encouraged all members, especially those new to the committee, to review the site for a review of past issues and concerns. The 2006–07 report also outlines topics for discussion for the upcoming year. Both the 2006–07 UCL Annual Report and the Library Task Force Report were submitted to Provost Tom Burish over the summer. Weber shared a memo from the provost acknowledging receipt of the annual report.

The last 2006–2007 item of business, the minutes of the UCL's May 2007 meeting were approved by email over the summer.

Weber reviewed the meeting agenda. The first item of business for the committee will be to elect a new chair for the 2007–08 year.

### Election of chair for 2007–2008

Weber opened the floor to nominations for UCL chair. Laurence Taylor nominated Andrew Sommese to serve as chair. There were no other nominations. Joseph Powers moved to close the nominations and John Robinson seconded. A motion to approve Andrew Sommese as UCL chair for the 2007–08 year was made by Larry Taylor and seconded by David Smith. The motion passed unanimously.

Before turning the meeting over to Sommese, Weber suggested the committee review the current term limits for elected members to the committee. Due to a num-



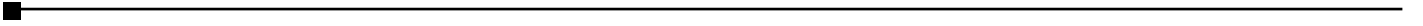
















# Research

## Awards and Proposal Summary

10/01/2007 to 10/31/2007

### Awards Received

Category	No.	Amount
Research	30	\$2,711,337
Instructional Programs	1	\$8,874
<b>Total:</b>	<b>31</b>	<b>\$2,720,211</b>

### Proposals Submitted

Category	No.	Amount
Research	73	\$22,286,411
Instructional Programs	1	\$99,104
<b>Total:</b>	<b>74</b>	<b>\$22,385,515</b>

## October 2007 Cumulative summary

### Awards Received

Category	07.01.2005 - 10.31.2005		07.01.2006 - 10.31.2006		07.01.2007 - 10.31.2007	
	No.	Amount	No.	Amount	No.	Amount
Research	129	\$24,985,332	163	\$28,239,468	133	\$38,531,479
Facilities and Equipment						
Instructional Programs			4	\$591,775	5	\$494,719
Other Programs						
Service Programs						
<b>Total:</b>	<b>129</b>	<b>\$24,985,332</b>	<b>167</b>	<b>\$28,831,243</b>	<b>138</b>	<b>\$39,026,198</b>

### Proposals Submitted

Category	07.01.2005 - 10.31.2005		07.01.2006 - 10.31.2006		07.01.2007 - 10.31.2007	
	No.	Amount	No.	Amount	No.	Amount
Research	273	\$60,160,951	275	\$80,638,886	263	\$100,402,843
Facilities and Equipment						
Instructional Programs	3	\$2,227,613	11	\$816,722	8	\$1,009,602
Other Programs	1	\$5,000				
Service Programs						
<b>Total:</b>	<b>277</b>	<b>\$62,393,564</b>	<b>286</b>	<b>\$81,455,608</b>	<b>271</b>	<b>\$101,412,445</b>

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](mailto:research@nd.edu) or 631-7432 if you are aware of any proposals or awards that have not been properly credited to a center or institute.

**Awards received during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
<b><u>Awards for Research</u></b>				
<b>Department or Office:</b> Aerospace and Mechanical Engineering				
Schmid, Steven R. Wagner, Diane R.	Undergraduate Research Projects in Trauma and Bone Fracture Repair		\$20,000	27
<b>Department or Office:</b> African/African-American Studies				
Pinderhughes, Dianne M.	Gender and Multicultural Leadership Project: The Future of Governance	University of New Mexico	\$17,271	16
<b>Department or Office:</b> Biological Sciences				
D'Souza-Schorey, Crislyn (Center or Institute)	Molecular Mechanisms of Cell Invasion	National Institutes of Health	\$210,000	11
Feder, Jeffrey L.	Genomics of Diapause and Chemoreception in the Apple Maggot Fly	University of Illinois-Urbana-Champaign	\$30,000	36
Lamberti, Gary A.	Ecology and Food Web Structure in Ponds on the West Copper River Delta, Alaska	Loyola University, Chicago	\$10,000	7
Lodge, David M. Chang, Hsueh-Chia Feder, Jeffrey L. (Center or Institute)	Developing and Applying a Real-time Generic Probe for Detecting Aquatic Invasive Specie in Ships' Ballast.	Great Lakes Protection Fund	\$805,000	36
<b>Department or Office:</b> Chemical and Biomolecular Engineering				
Miller, Albert E. McGinn, Paul J.	Nanofiber Paper for Fuel Cells and Catalyst Supports		\$30,000	9
Schneider, William F.	First-principles Simulation of Aqueous NDMA Reduction at Metal Surfaces	University of Illinois-Urbana-Champaign	\$60,000	26

**Awards received during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
<b>Department or Office:</b> Chemistry and Biochemistry				
Bartels, David M. (Center or Institute)	Generation IV Supercritical Water Reactor: Water Radiation Chemistry	Idaho National Laboratory	\$4,855	12
Vakulenko, Sergei	Aminoglycoside Resistance in Enterococci	National Institutes of Health	\$57,713	12
Wiest, Olaf G. (Center or Institute)	Antimicrobial Drug Discovery Scheme for Multi-Drug Resistant Bacteria	University of Pittsburgh	\$98,332	12
<b>Department or Office:</b> Civil Engineering and Geological Sciences				
Neal, Clive R.	Development of a Lunar Geophysical Instrument Package (L-GIP)	National Aeronautics and Space Administration	\$183,327	24
Westerink, Joannes J.	Wave and circulation modeling on unstructured grids	Department of Navy	\$114,410	37
<b>Department or Office:</b> Electrical Engineering				
Bernstein, Gary H. Brockman, Jay B. Fay, Patrick J. Snider, Gregory L. (Center or Institute)	Ultra-Wide-Bandwidth, Contiguous Superconnects for Advanced Computing Systems	National Security Agency	\$498,654	12
Jena, Debdeep	High -Speed GaN HEMTs by Phonon Engineering.		\$50,000	12
Xing, Huili (Center or Institute)	Ideal Channel Field-effect Transistors.		\$90,000	8
<b>Department or Office:</b> English				
Bays, Terri L. (Center or Institute)	OCWC Project Manager	Massachusetts Institute of Technology	\$42,880	10

**Awards received during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
<b>Department or Office:</b> Mathematics				
Alber, Mark S.	Multiscale Studies of Segmentation in Vertebrate Embryos	Indiana University Bloomington	\$27,000	36
Williams, Edward B.	PostDoctoral Research Fellow	National Science Foundation	\$4,500	48
<b>Department or Office:</b> Physics				
Collon, Philippe A.	Study of Argon for WIMP Dark Matter Detectors and Earth Sciences	Princeton University	\$7,056	36
Wayne, Mitchell R. Karmgard, Daniel J.	USCMS Education and Outreach	University of California-Los Angeles	\$22,254	60
Wayne, Mitchell R.	Jadwiga Warchol Salary and Benefits	Fermi National Laboratory	\$45,286	12
<b>Department or Office:</b> Political Science				
Lieber, Keir A.	The Challenge of Nuclear Proliferation in an Era of U.S. Primacy	Council on Foreign Relations	\$5,000	12
O'Donnell, Guillermo A.	State Response to Violence Against Women in Latin America	Department of Education	\$6,336	18
<b>Department or Office:</b> Psychology				
Radvansky, Gabriel A.	Automated Performance Assessment for After-Action Review with Individuals and Teams	Sandia National Laboratory	\$2,000	7
<b>Department or Office:</b> Radiation Laboratory				
Hug, Gordon L. (Center or Institute)	New Biologically Relevant Sulfur Radical Cation Chemistry	University of Arizona	\$7,958	24



**Awards received during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
Meisel, Dan (Center or Institute)	Metal-Oxide Nanotube Composites: Synthesis and Applications		\$21,505	12
<b>Department or Office:</b>	Robinson Community Learning Center			
Caponigro, Jerome V. (Center or Institute)	YJP & Youth Competency	Indiana Department of Children Services	\$20,000	12
<b>Department or Office:</b>	Sociology			
Cardenas, Gilberto (Center or Institute)	National Latino Overweight and Obesity Education and Awareness Prevention Initiative - 2005 OMH Umbrella CAP	Health & Human Services	\$195,000	12
Sikkink, David H. (Center or Institute)	Baylor University Project	Baylor University	\$25,000	21
<b><u>Awards for Instructional Programs</u></b>				
<b>Department or Office:</b>	Center for Social Concerns			
Pettit, Rebecca T. (Center or Institute)	USDA-IDOE Meals for National Youth Sports Education Program	Indiana Department of Education	\$8,874	12

Investigator(s)	Title	Sponsor	Dollars	Months
<b><u>Proposals for Research</u></b>				
<b>Department or Office:</b>	Aerospace and Mechanical Engineering			
Cavalieri, David Jumper, Eric J. Gordeyev, Stanislav V.	Passive Aerodynamic Control for Hemispherical Beam Projection (PAC)	The Boeing Company	\$113,155	12
Corke, Thomas C. Thomas, Flint O.	Aggressive Inter-turbine Duct Separation Control Using Plasma Actuators.	Honeywell Aircraft Landing Systems	\$349,935	24
Dunn, Patrick F.	Electrospray Physics	Procter & Gamble	\$9,000	12
Goodwine, John W.	Symmetries in Mathematical Metabolic Models.	National Institutes of Health	\$118,365	12
Renaud, John E. Tomar, Vikas	Nanocomposite Materials Design Optimization with Experimental Validation for Engineered Microstructure at Multiple Length-Scales.	Department of the Air Force	\$832,197	36
Thomas, Flint O. Corke, Thomas C. Dunn, Patrick F.	Fuel Cavitation Suppression Technology	Honeywell Aerospace South Bend	\$50,000	19
<b>Department or Office:</b>	Anthropology			
Chesson, Meredith S.	Place, Identity, and Connectivity in Bronze Age Calabria: Household Archaeology at Sant' Aniceto	Wenner-Gren Foundation	\$24,999	18
Schurr, Mark R.	Register Nomination for the Collier Lodge Archaeological Site (12 Pr 36)	Indiana Department of Natural Resources	\$4,842	11
<b>Department or Office:</b>	Architecture			
Mayernik, David T.	Ancient Images Seen Through Modern Eyes: The Power of Ruins and the Invention of the Capriccio.	The Getty Foundation	\$10,500	3
<b>Department or Office:</b>	Biological Sciences			
D'Souza-Schorey, Crislyn	ARF6-Regulated Tumor Cell Invasion	National Institutes of Health	\$375,000	12

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
Hellmann, Jessica J. Lodge, David M.	AISR: Implications of Climate Change for Human-Related Dispersal of Invasive Species in Trade-Related Pathways	National Oceanic & Atmospheric Administration	\$288,777	24
Lodge, David M.	AISR: Predicting and Preventing Future Great Lakes Invasions from the Trades in Live Aquatic Organisms.	University of Illinois-Urbana-Champaign	\$234,351	24
Severson, David W. Romero-Severson, Jeanne	Diapause in Culex Mosquitoes	National Institutes of Health	\$506,598	12
<b>Department or Office:</b>	Chemical and Biomolecular Engineering			
Brennecke, Joan F.	DARPA BAA 07-64 HAST	Honeywell Laboratories	\$188,170	18
Brennecke, Joan F. McGinn, Paul J. Kamat, Prashant V.	IGERT: Future Leaders in Advanced Materials for Energy Sustainability.	National Science Foundation	\$2,938,109	60
McGinn, Paul J.	High Throughput Experimentation PVD Chamber	PVD Products Inc.	\$7,000	6
Zhu, Yingxi E.	Dynamics of Hybrid Liposomes Under Interior Confinement and External Shear.	National Science Foundation	\$274,760	36
<b>Department or Office:</b>	Chemistry and Biochemistry			
Clark, Patricia L.	Autotransporters of Enterobacteriaceae (Subcontract PI: James Nataro)	University of Maryland	\$97,825	12
Mobashery, Shahriar	Targeting MT-MMPs on Cancer Progression.	Wayne State University	\$204,332	12
Peng, Jeffrey W.	Conformational Flexibility and Antibiotic Resistance.	National Institutes of Health	\$296,000	12
Taylor, Richard E.	Synthesis and Biosynthesis of Pyran and Spiroketal Structural Units.	National Institutes of Health	\$375,000	12

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
<b>Department or Office:</b>	Civil Engineering and Geological Sciences			
Kareem, Ahsan	Development of Fatigue Loading and Design Methodology for High-Mast Lighting.	University of Delaware	\$193,002	36
Talley, Jeffrey W.	Escherichia Coli Sensor Development and Demonstration for South Bend, IN	City of South Bend	\$36,153	6
Westerink, Joannes J.	Development of a Gulf of Mexico Storm Surge Model from Texas to Florida.	U.S. Army Corps of Engineers	\$102,600	12
<b>Department or Office:</b>	Classics, The			
Baron, Christopher A.	Timaios of Tauromenion and Hellenistic Historiography.	National Endowment for the Humanities	\$6,000	2
<b>Department or Office:</b>	College of Engineering			
Cunningham, Robert J.	2007 Boeing Scholarships for Engineering and Business.	The Boeing Company	\$47,700	9
<b>Department or Office:</b>	Computer Science & Engineering			
Bowyer, Kevin W. Flynn, Patrick J.	Biometrics in the Maritime Domain.	University of California, Riverside	\$1,125,000	60
Chawla, Nitesh V.	Scenario Discovery Algorithms for Improved Decision Support	RAND	\$182,594	36
Chawla, Nitesh V.	Collaborative Research in Adaptive Intelligent Systems (AIS): Incremental and Nonstationary Learning from Unbalance Data.	National Science Foundation	\$188,997	36
<b>Department or Office:</b>	East Asian Languages and Literatures			
Yang, Xiaoshan	Wang Anshi and the Song Poetic Sensibility.	Chiang Ching-Kuo Foundation for International Scholarly Exch	\$35,000	11
Yang, Xiaoshan	Wang Anshi and the Song Poetic Sensibility.	American Council Learned Society	\$40,000	11
<b>Department or Office:</b>	Economics and Econometrics			
Hungerman, Daniel M. Buckles, Kasey S.	Season of Birth and Later Outcomes: Old Questions, New Answers	National Institutes of Health	\$75,000	12

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
<b>Department or Office:</b>	Electrical Engineering			
Bauer, Peter H.	III-COR-Medium: Collaborative Research: Networked Evidence Processing.	National Science Foundation	\$180,970	36
Fay, Patrick J.	Si-Based Passive Millimeter-Wave Imaging System.	Ohio State University	\$1,248,217	60
Hall, Douglas C. Fay, Patrick J.	GaAs MOSFET Development Collaborative Research Agreement Extension.	RF Micro Devices, Inc.	\$118,171	12
Jena, Debdeep Xing, Huili	Evaluation of Graphene Nanoribbons for Lateral Bandgap-Engineering Devices	National Science Foundation	\$393,138	36
Porod, Wolfgang Bauer, Peter H. Boyd, Sunny K.	EFRI-COPN: Implementing Decision-field Theory in Neurologically Plausible Massively Parallel CNN Hardware	National Science Foundation	\$1,999,773	48
Seabaugh, Alan C. Fay, Patrick J.	Nanomembranes: Formation, Integration, and Applications.	Department of the Air Force	\$2,976,676	60
<b>Department or Office:</b>	English			
Huk, Romana C.	Trying to Say God: In the Arc of Postmodern Theory, Theology, and Poetry	American Council Learned Society	\$40,000	11
Huk, Romana C.	Trying to Say God: In the Arc of Postmodern Theory, Theology, and Poetry	American Philosophical Society	\$40,000	11
<b>Department or Office:</b>	Film, Television, and Theatre			
Becker, Christine A.	Public Interest/Commercial Interest: British and American Broadcast Television in the Digital Age.	American Council Learned Society	\$30,000	11
<b>Department or Office:</b>	German and Russian Languages and Literatures			
Gillespie, Alyssa W.	Dangerous Verses: Alexander Pushkin and the Ethics of Inspiration.	American Council Learned Society	\$40,000	10

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
Roche, Mark W.	The O'Shaughnessy Foundation Initiative in Arts and Letters and K-12 Education.	O'Shaughnessy Foundation	\$2,500,000	24
<b>Department or Office:</b>	History			
Martin, Alexander	Enlightened Absolutism and Urban Modernity in Moscow, 1763-1881	American Philosophical Society	\$40,000	11
Martin, Alexander	Enlightened Absolutism and Urban Modernity in Moscow, 1763-1881.	American Council Learned Society	\$40,000	12
<b>Department or Office:</b>	Mathematics			
Gekhtman, Michael	Collaborative Research: Cluster Algebras, Canonical Bases and Nets on Surfaces of Higher Genus.	National Science Foundation	\$420,097	60
Migliore, Juan C.	Hilbert Functions and Betti Numbers.	National Security Agency	\$54,257	24
Nicolaescu, Liviu	Applications of Morse Theory.	National Science Foundation	\$117,746	36
Shaw, Mei-Chi	Partial Differential Equations in Several Complex Variables.	National Science Foundation	\$193,813	36
Xavier, Frederico J.	Applications of Analysis to Geometric Problems	National Science Foundation	\$99,011	36
<b>Department or Office:</b>	Music			
Frandsen, Mary E.	Music and Devotion in Seventeenth-Century Lutheranism.	American Council Learned Society	\$40,000	12
Haimo, Ethan T.	Domenico Cimarosa's L'infedelta fedele: A Scholarly Edition.	National Endowment for the Humanities	\$100,865	12
<b>Department or Office:</b>	Philosophy			
Bays, Timothy J.	Reflections on Skolem's Paradox.	American Philosophical Society	\$40,000	9
Jauernig, Anja	Kant on Space.	Earhart Foundation	\$32,500	12
Jauernig, Anja	Kant on Space	American Council Learned Society	\$66,500	12

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
<b>Department or Office:</b> Physics				
Bennett, David P.	Mass and Distance of the Sub-Saturn Planet OGLE-2007-BLG-349Lb.	Space Telescope Science Institute	\$9,720	12
Eskildsen, Morten R.	Vortices and the Interplay Between Superconductivity and Magnetism.	National Science Foundation	\$487,924	36
Furdyna, Jacek K. Liu, Xinyu Dobrowolska-Furdyna, Malgorzata	"Integration of Broad-spectrum Lattice-matched III-V and II-VI Compound Semiconductors: A New Materials Platform"	National Science Foundation	\$555,000	36
Furdyna, Jacek K. Liu, Xinyu Dobrowolska-Furdyna, Malgorzata	Development of Novel MJ Solar Cells for Concentrator Applications	Arizona State University	\$430,000	36
Furdyna, Jacek K. Liu, Xinyu Dobrowolska-Furdyna, Malgorzata	Ultrahigh Efficiency Multijunction Solar Cells Based on Lattice Matched II/VI and III/V Semiconductors.	Arizona State University	\$210,000	36
<b>Department or Office:</b> Political Science				
Gould, Andrew C.	Western Muslim Identities: The Politics of Islam in Portugal and Spain..	American Philosophical Society	\$40,000	9
Gould, Andrew C.	Western Muslim Identities: The Politics of Islam in Portugal and Spain.	American Council Learned Society	\$40,000	9
Hagopian, Frances	Politics of Crime and the Iron Fist in Central and South America.	Fulbright Program	\$32,406	10
Hagopian, Frances	Religion and Democratization in the Mediterranean	Department of Education	\$37,503	6
Hui, Tin-bor V.	China's Rise in Comparative-Historical Perspective: Rethinking Unification and War.	American Association of University Women	\$30,000	12
Hui, Tin-bor V.	China's Rise in Comparative-Historical Perspective: Rethinking Unification and War.	American Council Learned Society	\$40,000	11

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007**

Investigator(s)	Title	Sponsor	Dollars	Months
Hui, Tin-bor V.	China's Rise in Comparative-Historical Perspective: Rethinking Unification and War.	Chiang Ching-Kuo Foundation for International Scholarly Exch	\$30,000	9
Hui, Tin-bor V.	China's Rise in Comparative-Historical Perspective: Rethinking Unification and War.	Chiang Ching-Kuo Foundation for International Scholarly Exch	\$40,387	14
<b>Department or Office:</b>	Program of Liberal Studies			
Stapleford, Thomas A.	Home & Market: Women, Economics, and the Study of Consumption 1910-1960.	American Academy of Arts & Sciences	\$35,000	9
Stapleford, Thomas A.	Home & Market: Women, Economics, and the Study of Consumption, 1910-1960.	American Council Learned Society	\$30,000	12
<b>Department or Office:</b>	Romance Languages and Literatures			
Moevs, Christian R.	Dante's Mystics: The Commedia and the Contemplative Tradition.	National Endowment for the Humanities	\$6,000	2
<b>Department or Office:</b>	Sociology			
Cardenas, Gilberto Ready, Timothy Brown-Gort, Allert R.	National Conference On the Prevention of Of Obesity and Obesity-Related Diseases Among Latinos.	National Institutes of Health	\$181,359	12
Cardenas, Gilberto	Indiana's Migrant & Seasonal Farm Workers: A Population Survey 2007-2008.	State of Indiana	\$40,000	15
<b><u>Proposals for Instructional Programs</u></b>				
<b>Department or Office:</b>	Physics			
Berry, Henry G.	Indiana Science, Technology, Engineering and Math (I-STEM) Resource Network	Purdue University	\$99,104	12



**Awards and Proposal Summary****Centers and Institutes Report**

10/01/2007 to 10/31/2007

**Awards Received**

<b>Department or Office</b>	<b>No.</b>	<b>Amount</b>
Biological Sciences	1	\$210,000
Center for Aquatic Conservation	1	\$805,000
Center for Microfluidics and Medical Diagnostics	1	\$805,000
Center for Research Computing	1	\$98,332
Center for Social Concerns	1	\$8,874
Center for the Study of Religion and Society	1	\$25,000
Institute for Latino Studies	1	\$195,000
John A. Kaneb Center for Teaching and Learning	1	\$42,880
Nano Science and Technology Center	2	\$588,654
Radiation Laboratory	3	\$34,318
Robinson Community Learning Center	1	\$20,000
<b>Total:</b>	<b>14</b>	<b>\$2,833,058</b>

**Proposals Submitted**

<b>Department or Office</b>	<b>No.</b>	<b>Amount</b>
Center for Aquatic Conservation	2	\$523,128
Center for Astrophysics	1	\$9,720
Center for Flow Physics and Control	4	\$522,090
Center for Global Health and Infectious Diseases	1	\$506,598
Center for Microfluidics and Medical Diagnostics	1	\$274,760
Institute for Latino Studies	2	\$221,359
Kellogg Institute for International Studies	1	\$40,000
ND Energy Center	2	\$3,126,279
Nano Science and Technology Center	5	\$6,735,975
Walther Cancer Research Center	1	\$375,000
<b>Total:</b>	<b>20</b>	<b>\$12,334,909</b>

## Awards and Proposal Summary

### Centers and Institutes Report

07/01/2007 to 10/31/2007

#### Awards Received

Department or Office	No.	Amount
ACE Educational Outreach	2	\$85,000
Biological Sciences	1	\$210,000
Center for Applied Mathematics	1	\$120,000
Center for Aquatic Conservation	1	\$805,000
Center for Astrophysics	2	\$228,000
Center for Children and Families	1	\$1,640,117
Center for Flow Physics and Control	4	\$335,379
Center for Global Health and Infectious Diseases	6	\$16,037,893
Center for Microfluidics and Medical Diagnostics	3	\$1,024,605
Center for Research Computing	1	\$98,332
Center for Social Concerns	1	\$8,874
Center for Transgene Research	1	\$355,568
Center for Zebrafish Research	1	\$250,547
Center for the Study of Religion and Society	1	\$25,000
Environmental Research Center	1	\$169,998
Freimann Life Science Center	1	\$100,000
Gigot Center	1	\$14,700
Institute for Church Life	1	\$10,000
Institute for Latino Studies	1	\$195,000
Institute for Theoretical Sciences	1	\$57,976
Interdisciplinary Center for the Study of Biocomplexity	1	\$346,252
John A. Kaneb Center for Teaching and Learning	1	\$42,880
Joint Institute for Nuclear Astrophysics	1	\$86,250
Kellogg Institute for International Studies	2	\$167,625
ND Energy Center	1	\$50,000
Nano Science and Technology Center	9	\$1,636,499
Nuclear Structure Laboratory	3	\$2,091,250
Radiation Laboratory	3	\$34,318
Robinson Community Learning Center	2	\$60,000
Walther Cancer Research Center	4	\$973,552
<b>Total:</b>	<b>59</b>	<b>\$27,260,615</b>

#### Proposals Submitted

**Awards and Proposal Summary****Centers and Institutes Report****07/01/2007 to 10/31/2007**

<b>Department or Office</b>	<b>No.</b>	<b>Amount</b>
ACE Educational Outreach	2	\$85,000
Biological Sciences	1	\$45,883
Center for Aquatic Conservation	4	\$5,675,673
Center for Astrophysics	2	\$35,295
Center for Complex Network Research	1	\$143,115
Center for Educational Opportunity	1	\$35,000
Center for Ethics and Culture	1	\$103,500
Center for Flow Physics and Control	16	\$3,343,543
Center for Global Health and Infectious Diseases	7	\$3,181,632
Center for Microfluidics and Medical Diagnostics	3	\$996,549
Center for Philosophy of Religion	4	\$120,000
Center for Transgene Research	3	\$574,500
Center for Zebrafish Research	3	\$696,240
Center for the Study of Religion and Society	1	\$25,000
East Asian Languages and Literatures	1	\$1,500,000
Freimann Life Science Center	1	\$100,001
Institute for Church Life	1	\$197,000
Institute for Latino Studies	7	\$563,383
Institute for Theoretical Sciences	1	\$86,964
Interdisciplinary Center for the Study of Biocomplexity	1	\$878,610
John A. Kaneb Center for Teaching and Learning	1	\$42,880
Joint Institute for Nuclear Astrophysics	2	\$15,221,193
Kellogg Institute for International Studies	4	\$160,000
Kroc Institute for International Peace Studies	2	\$230,079
Lobund Laboratory	1	\$69,203
Medieval Institute	1	\$100,000
ND Energy Center	4	\$3,251,289
Nano Science and Technology Center	12	\$8,125,790
Nuclear Structure Laboratory	1	\$6,435,338
Radiation Laboratory	1	\$0
Robinson Community Learning Center	4	\$21,500
Walther Cancer Research Center	4	\$917,000
<b>Total:</b>	<b>98</b>	<b>\$52,961,160</b>

## Awards received during the period Oct-01-2007 to Oct-31-2007

### Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Award #
<b><u>Awards for Research</u></b>				
<b>Department or Office:</b> Biological Sciences				
D'Souza-Schorey, Crislyn (Center or Institute)	Molecular Mechanisms of Cell Invasion	National Institutes of Health	\$210,000	007254-001
<b>Department or Office:</b> Center for Aquatic Conservation				
Lodge, David M. Chang, Hsueh-Chia Feder, Jeffrey L. (Center or Institute)	Developing and Applying a Real-time Generic Probe for Detecting Aquatic Invasive Specie in Ships' Ballast.	Great Lakes Protection Fund	\$805,000	007248-001
<b>Department or Office:</b> Center for Microfluidics and Medical Diagnostics				
Lodge, David M. Chang, Hsueh-Chia Feder, Jeffrey L. (Center or Institute)	Developing and Applying a Real-time Generic Probe for Detecting Aquatic Invasive Specie in Ships' Ballast.	Great Lakes Protection Fund	\$805,000	007248-001
<b>Department or Office:</b> Center for Research Computing				
Wiest, Olaf G. (Center or Institute)	Antimicrobial Drug Discovery Scheme for Multi-Drug Resistant Bacteria	University of Pittsburgh	\$98,332	006902-001
<b>Department or Office:</b> Center for the Study of Religion and Society				
Sikkink, David H. (Center or Institute)	Baylor University Project	Baylor University	\$25,000	007251-001
<b>Department or Office:</b> Institute for Latino Studies				
Cardenas, Gilberto (Center or Institute)	National Latino Overweight and Obesity Education and Awareness Prevention Initiative - 2005 OMH Umbrella CAP	Health & Human Services	\$195,000	006625-001
<b>Department or Office:</b> John A. Kaneb Center for Teaching and Learning				
Bays, Terri L. (Center or Institute)	OCWC Project Manager	Massachusetts Institute of Technology	\$42,880	007247-001

**Awards received during the period Oct-01-2007 to Oct-31-2007****Centers and Institutes Report**

<b>Investigator(s)</b>	<b>Title</b>	<b>Sponsor</b>	<b>Dollars</b>	<b>Award #</b>
<b>Department or Office:</b> Nano Science and Technology Center				
Xing, Huili (Center or Institute)	Ideal Channel Field-effect Transistors.	DARPA	\$90,000	007249-001
Bernstein, Gary H. Brockman, Jay B. Fay, Patrick J. Snider, Gregory L. (Center or Institute)	Ultra-Wide-Bandwidth, Contiguous Superconnects for Advanced Computing Systems	National Security Agency	\$498,654	007235-001
<b>Department or Office:</b> Radiation Laboratory				
Bartels, David M. (Center or Institute)	Generation IV Supercritical Water Reactor: Water Radiation Chemistry	Idaho National Laboratory	\$4,855	006655-001
Meisel, Dan (Center or Institute)	Metal-Oxide Nanotube Composites: Synthesis and Applications		\$21,505	006623-001
Hug, Gordon L. (Center or Institute)	New Biologically Relevant Sulfur Radical Cation Chemistry	University of Arizona	\$7,958	006652-001
<b>Department or Office:</b> Robinson Community Learning Center				
Caponigro, Jerome V. (Center or Institute)	YJP & Youth Competency	Indiana Department of Children Services	\$20,000	007239-001
<b><u>Awards for Instructional Programs</u></b>				
<b>Department or Office:</b> Center for Social Concerns				
Pettit, Rebecca T. (Center or Institute)	USDA-IDOE Meals for National Youth Sports Program	Indiana Department of Education	\$8,874	007236-001

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007**

**Centers and Institutes Report**

<b>Investigator(s)</b>	<b>Title</b>	<b>Sponsor</b>	<b>Dollars</b>	<b>Proposal #</b>
<b><u>Proposals for Research</u></b>				
<b>Department or Office:</b> Center for Aquatic Conservation				
Hellmann, Jessica J. Lodge, David M.	AISR: Implications of Climate Change for Human-Related Dispersal of Invasive Species in Trade-Related Pathways	National Oceanic & Atmospheric Administration	\$288,777	08040242
Lodge, David M.	AISR: Predicting and Preventing Future Great Lakes Invasions from the Trades in Live Aquatic Organisms.	University of Illinois-Urbana-Champaign	\$234,351	08040235
<b>Department or Office:</b> Center for Astrophysics				
Bennett, David P.	Mass and Distance of the Sub-Saturn Microlensing Planet OGLE-2007-BLG-349Lb.	Space Telescope Science Institute	\$9,720	08040205
<b>Department or Office:</b> Center for Flow Physics and Control				
Cavalieri, David Jumper, Eric J. Gordeyev, Stanislav V.	Passive Aerodynamic Control for Hemispherical Beam Projection (PAC)		\$113,155	08040241
Thomas, Flint O. Corke, Thomas C. Dunn, Patrick F.	Fuel Cavitation Suppression Technology		\$50,000	08040257
Corke, Thomas C. Thomas, Flint O.	Aggressive Inter-turbine Duct Separation Control Using Plasma Actuators.		\$349,935	08040256
Dunn, Patrick F.	Electrospray Physics		\$9,000	08040277

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007****Centers and Institutes Report**

<b>Investigator(s)</b>	<b>Title</b>	<b>Sponsor</b>	<b>Dollars</b>	<b>Proposal #</b>
<b>Department or Office:</b>	Center for Global Health and Infectious Diseases			
Severson, David W. Romero-Severson, Jeanne	Diapause in Culex Mosquitoes	National Institutes of Health	\$506,598	08040216
<b>Department or Office:</b>	Center for Microfluidics and Medical Diagnostics			
Zhu, Yingxi E.	Dynamics of Hybrid Liposomes Under Interior Confinement and External Shear.		\$274,760	08040276
<b>Department or Office:</b>	Institute for Latino Studies			
Cardenas, Gilberto	Indiana's Migrant & Seasonal Farm Workers: A Population Survey 2007-2008.	State of Indiana	\$40,000	08040259
Cardenas, Gilberto Ready, Timothy Brown-Gort, Allert R.	National Conference On the Prevention of Obesity and Obesity-Related Diseases Among Latinos.	National Institutes of Health	\$181,359	08040255
<b>Department or Office:</b>	Kellogg Institute for International Studies			
Gould, Andrew C.	Western Muslim Identities: The Politics of Islam in Portugal and Spain.	American Council Learned Society	\$40,000	08040220
<b>Department or Office:</b>	ND Energy Center			
Brennecke, Joan F. McGinn, Paul J. Kamat, Prashant V.	IGERT: Future Leaders in Advanced Materials for Energy Sustainability.	National Science Foundation	\$2,938,109	08040227

**Proposals submitted during the period Oct-01-2007 to Oct-31-2007**

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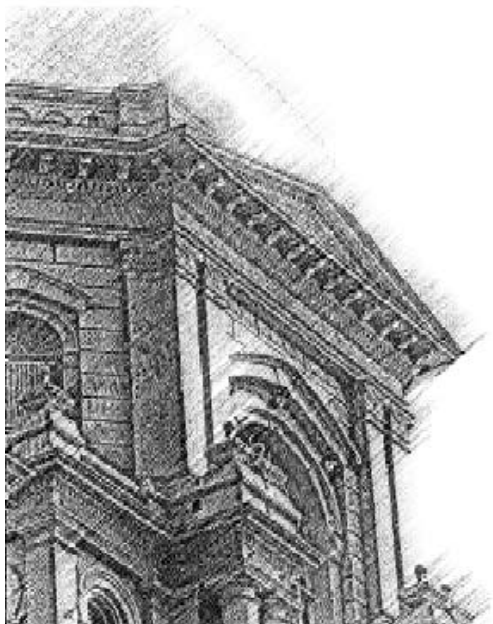
<b>Investigator(s)</b>	<b>Title</b>	<b>Sponsor</b>	<b>Dollars</b>	<b>Proposal #</b>
Brennecke, Joan F.	DARPA BAA 07-64 HAST		\$188,170	08040263
<b>Department or Office:</b>	Nano Science and Technology Center			
Jena, Debdeep Xing, Huili	Evaluation of Graphene Nanoribbons for Lateral Bandgap-Engineering Devices	National Science Foundation	\$393,138	08040229
Hall, Douglas C. Fay, Patrick J.	GaAs MOSFET Development Collaborative Research Agreement Extension.		\$118,171	08040232
Seabaugh, Alan C. Fay, Patrick J.	Nanomembranes: Formation, Integration, and Applications.	Department of the Air Force	\$2,976,676	08040258
Fay, Patrick J.	Si-Based Passive Millimeter-Wave Imaging System.	Ohio State University	\$1,248,217	08040251
Porod, Wolfgang Bauer, Peter H. Boyd, Sunny K.	EFRI-COPN: Implementing Decision-field Theory in Neurologically Plausible Massively Parallel CNN Hardware	National Science Foundation	\$1,999,773	08040269
<b>Department or Office:</b>	Walther Cancer Research Center			
D'Souza-Schorey, Crislyn	ARF6-Regulated Tumor Cell Invasion	National Institutes of Health	\$375,000	08040226



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# Notre Dame Report

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