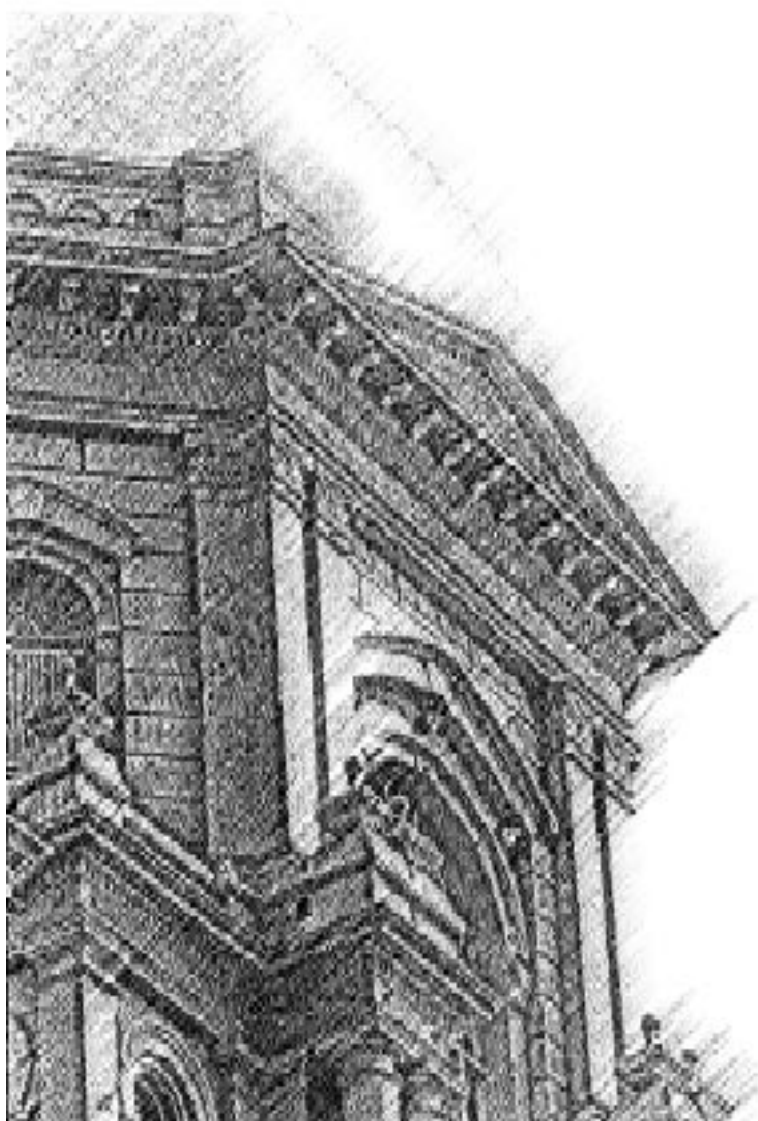


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Faculty Notes

Honors

J. Douglas Archer, librarian, was appointed chair of the Indiana Library Federation's Intellectual Freedom Committee.

Peri E. Arnold, professor of political science, has been elected a Fellow of the National Academy of Public Administration and inducted at the academy's fall meeting, Nov. 15–17, Washington, D.C.

Bernard Doering, professor emeritus of Romance languages and literatures, has been informed that *Jacques and Raissa Maritain, Beggars for Heaven*, his translation of J.-L. Barré's best-selling biography of the Maritains, was selected as one of the Association of American University Presses' 2006 University Press Books Selected for Public and Secondary School Libraries.

Rev. Daniel Groody, CSC, assistant professor of theology, was named a Visiting Research Fellow in the Refugee Studies Centre, Univ. of Oxford, for the academic year 2007–08.

J. Parker Ladwig, associate librarian, was recently elected chair-elect of the Physics-Astronomy-Mathematics Division of the Special Libraries Association.

David C. Leege, emeritus professor of political science, was elected president of the board of directors, Lutheran Summer Music Academy and Festival.

Timothy Matovina, associate professor of theology and the Cushwa Director of the Cushwa Center for the Study of American Catholicism, has been named an invited panelist for "On Faith," a new online feature of the *Washington Post* and *Newsweek*.

John O'Callaghan, associate professor of philosophy, was elected to the executive committee of the American Catholic Philosophical Association.

Timothy C. Ovaert, professor of aerospace and mechanical engineering, has been elected a Fellow of the American Society of Mechanical Engineers in recognition of his significant engineering achievements and contributions to the engineering profession.

Jean Porter, the O'Brien Professor of Moral Theology, received the Alan Richardson Fellowship for next year at Durham Univ., Durham, UK.

Robert P. Sedlack Jr., assistant professor of design, was awarded an American Graphic Design Award from *Graphic Design USA* magazine and an honorable mention in the University and College Designers Association's annual design competition for *Selected Works*, the catalog for the Snite Museum of Art.

Activities

Peri E. Arnold, professor of political science, spoke on a panel titled "The Managerial Presidency: Is It Institutionally Prepared for the 21st Century?" at the fall meeting of the National Academy of Public Administration, Nov. 15, in Washington, D.C.

J. Matthew Ashley, director of Graduate Studies and associate professor of theology, presented "Contesting the Universe Story: Theistic and Atheistic Interpretations of 'Deep History' at the End of the Twentieth Century" at the History of Science Society annual meeting, Vancouver, B.C., Nov. 3.

Robert Audi, the Gallo Professor of Business Ethics, presented "A Multiple-Constituency Theory of Executive Compensation" at St. Louis Univ. John Cook School of Business, Sept. 22; "Scientific Education, Church-State Separation, and Methodological Naturalism" at a conference on religion and democracy, College of William and Mary, Oct. 6; "Ethical Pluralism and Moral Judgment: From Classical Virtues to Contemporary Outsourcing" at Colgate Univ., Oct. 11; "Rationality and the Good" at the Univ. of Rome, Oct. 20; and "Moral Virtue and Reasons for Action" at the Institute of Cognitive Sciences and Technologies, Rome, Oct. 21.

David Bartels, professional specialist in the Radiation Laboratory, presented a

P-Chem Seminar at the Univ. of California at Berkeley on Nov. 28, titled "Cracking Supercritical Water with Ionizing Radiation: Properties and Reactions of OH Radicals, H Atoms, and Hydrated Electrons in Hot, Pressurized Water."

Jeffrey H. Bergstrand, professor of finance, presented the keynote lecture, "Causes and Consequences of the Growth of Regionalism," at the Venice Summer Institute Conference on "Understanding the Latest Wave of Regional Trade and Cooperation Agreements," Venice International Univ., July 19–20; the Hesburgh Lecture, "World Trade vs. Protectionism," to the Notre Dame Western Washington Alumni Association, Sept. 21, at Seattle Univ.; "A Knowledge-and-Physical-Capital Model of International Trade, Foreign Direct Investment, and Multinational Enterprises: Developed Countries," (written with S. Baier) for the Dept. of Economics, Texas A&M Univ., on Oct. 3; and "Bonus Vetus OLS: A Simple Approach to Addressing the 'Border Puzzle' and Other Gravity Equation Issues" (also written with S. Baier) at the Southern Economics Association annual meeting, Charleston, S.C., Nov. 18–20. He was also a visiting scholar from Oct. 23 to Nov. 6, at the Center for Economic Studies, Ludwig-Maximilians Univ., in Munich, Germany.

Joseph Blenkinsopp, the O'Brien Professor Emeritus of Old Testament Studies, presented "The Intellectual World of Judaism in the Achaemenid Period," Nov. 19 in a session as a memorial to Prof. Peter R. Ackroyd (one-time guest professor in the department) at the annual meeting of the Society of Biblical Literature. On Nov. 21 he presented "The Mystery of the Missing Sons of Aaron" in a session on the Israelite priesthood at the same conference.

Rev. Paul Bradshaw, professor of theology and director of the London Undergraduate Program, gave the 2006 James Crichton Memorial Lecture at the annual meeting of the Society of St. Gregory, Westminster Roman Catholic Cathedral, London, Nov. 11, on "The Changing Face of Early Liturgy."

Theodore Cachey, professor and chairperson of the Dept. of Romance Languages and Literatures, presented "From Opera to Cinema: Enrico Caruso in *My Cousin*

(1918)" at the annual joint meeting of the American Association of Teachers of Italian and the American Council of Teachers of Foreign Language in Nashville, Nov. 16–18.

Philippe Collon, assistant professor of physics, presented "The Notre Dame Browne-Buechner Spectrograph in Gas-Filled Mode—AMS for Nuclear Astrophysics," a seminar, at the Institut für Isotopenforschung und Kernphysik der Universität Wien, Vienna, Austria, Dec. 21.

Lawrence S. Cunningham, the O'Brien Professor of Theology, presented "Admonition Seven and Franciscan Education" at Saint Bonaventure Univ., Olean, N.Y., on Oct. 13; and an invited lecture, "Early Christian Martyrdom and Its Critics," at DePaul Univ., Chicago, on Oct. 24.

Michael Detlefsen, professor of philosophy, presented the following invited lectures: "Reflections on Proof" at the fourth "Bucharest Colloquium in Analytic Philosophy," Univ. of Bucharest and New Europe College, Romania, May 19–21; "The Virtues of Hilbert's Program" at a joint colloquium of the philosophy and mathematics departments, Bogazici Univ., Istanbul, Turkey, Oct. 18; "Ideals of Proof and the Arithmetization of Analysis" as the featured speaker at the inaugural meeting of the annual "Thoughts and Things Conference," hosted by the mathematics and philosophy departments of Bogazici Univ. and Bilkent Univ., Istanbul, Oct. 20; and "Construction, Computation and Exhibition" at a joint session of the "Congrès de l'Union Internationale d'Histoire et de Philosophie des Sciences (Division of Logic, Methodology and Philosophy of Science) on Calculabilité et Constructivité: Perspectives Historiques et Philosophiques," Paris, Nov. 17–19.

E. Jane Doering, associate professional specialist, concurrent assistant professor of college seminar, and executive coordinator of the Teachers as Scholars Program at Notre Dame, gave an invited presentation at the Univ. Catholique in Angers, France. She presented "*les Pensées autour de Simone Weil*" during the celebration of the 40th anniversary of the partnership between l'Université Catholique and the Univ. of Notre Dame.

Rev. Michael Driscoll, the Tisch Family Professor of Theology, presented "Eucharistic Theologies through the Ages" for the Diocese of Helena Program of Formation for Lay Ministry, Missoula, Mont., Nov. 17–18.

Keith J. Egan, adjunct professor of theology, lectured on "Carmelite Spirituality" at the John XXIII Center, Hartford City, Ind., Nov. 10–12.

David Fagerberg, associate professor of theology, presented "On Liturgical Marriage" to a colloquium of Catholic bishops at Notre Dame on Oct. 6; "Divine Liturgy, Divine Love" at the St. Paul Center for Biblical Theology conference, "Love and Sacrifice," at St Vincent Seminary, Latrobe, Pa., Oct. 25–26; and the keynote address titled "Sacramental Nature of Church Art and Architecture" at the Liturgical Institute conference "Heaven On Earth: The Theology and Design of Catholic Church Buildings," Univ. of St. Mary of the Lake/Mundelein Seminary, Oct. 27–29.

Jeffrey Feder, professor of biological sciences, presented a seminar titled "Host Avoidance: Overlooking an Important Aspect of Sympatric Speciation" to the Dept. of Entomology at the Univ. of Wisconsin, Nov. 30 to Dec. 3.

Stefan Frauendorf, professor of physics, presented "Dynamical and Static Chirality of Rotating Triaxial Nuclei," an invited lecture, for the session on "Contemporary Frontiers in Nuclear Structure" at the American Chemical Society Meeting and Exposition in Atlanta, March 26–30; "A Closeup of the Spinning Nucleus," an invited lecture, at "Nuclear Structure '06," a conference on nuclei at the limit, Pollard Technology Conference Center, Oak Ridge, Tenn., July 24–28; "Emergent Phenomena in Mesoscopic Nuclear Systems," a keynote talk, at the annual meeting of the Division of Nuclear Physics of the American Physical Society, Nashville, Oct. 25–28; and a colloquium titled "Emergent Phenomena in Mesoscopic Systems" at the National Superconducting Cyclotron Laboratory, Dept. of Physics, Michigan State Univ., East Lansing, on Nov. 17.

Thomas A. Gresik, professor of economics and econometrics, presented "Formula Apportionment vs. Separate Accounting: A Private Information Perspective" at Vanderbilt Univ. in November.

Rev. Daniel Groody, CSC, assistant professor of theology, presented "Collaboration and Partnerships with the Faith Community to Work on Global Health Rights, at the American Public Health Association national convention in Boston, Nov. 6; and "A Promised Land, A Devil's Highway: Spirituality and Immigration," as part of "At The Border: Immigrants, Enforcers and Advocates" at the Center for Comparative Studies in Race and Ethnicity, Stanford Univ., Oct. 30.

Sandra Marie Gustafson, associate professor of English, presented the invited lectures "The Rule and Misrule of Law: Constituting Democracy in the 1820s and 1830s," Yale Univ., in September, and "The Emerging Media of Early America," the Ron Rucker Lecture at Middlebury College, in April; roundtable presentation on "Reimagining 'Early America' From Inside Out" and a presentation to the Graduate Student Committee of the American Studies Association on the role of early American studies in American studies at the American Studies Association conference, Oakland, Calif., in October; "Daniel Webster and the Making of Modern Liberty in the Atlantic World" at "*Liberty, Égalité, Independencia: Print Culture, Enlightenment, and Revolution in the Americas 1776–1826*," for the American Antiquarian Society, Worcester, Mass., in June; and "Playing Greek and Roman" at the MLA, Washington, D.C., in December 2005.

Kevin Hart, the Notre Dame Professor of Philosophy and Literature and Fellow of the Nanovic Institute, presented an invited paper titled "Transcendence in Tears" at the "Modernity: Yearning for the Infinite" conference, Notre Dame, on Dec. 2.

J. Christopher Howk, assistant professor of physics, presented "Gas Phase Physics and the Evolution of Galaxies," a colloquium, at the Univ. of Nevada–Las Vegas, Dec. 1.

Maxwell Johnson, professor of theology, gave an invited panelist presentation titled "The Nican Mopohua as Parable" at "Guadalupe, *Madre de América*: Narrative, Image, and Devotion" conference, Notre Dame, on Nov. 10.

Kwan S. Kim, professor of economics and policy studies and Fellow of the Kellogg Institute, gave a Hesburgh Lecture Series talk titled "Global Economy, Economic

Growth, Distribution, and Poverty” at a meeting organized by the Ventura ND Club for AP International Baccalaureate Program students in Newbury, Calif., Nov. 17.

Rev. Paul Vincent Kollman, CSC, assistant professor of theology, and Kellogg, Kroc, and Nanovic Institute Fellow, presented a paper at the AAR titled “Classifying African Christianities Past and Present.”

David C. Leege, professor emeritus of political science, delivered a lecture titled “The Nicest Little Electorate Money Can Buy: Thoughts on the 2006 Elections, the Second Bush Term, and Election Reform” at the following venues: Adult Forum of Grace Lutheran Church, Northbrook, Ill., April 23; Unitarian-Universalist Social Action Committee Seminar, Green Valley, Ariz., April 29; and the Camp Arcadia (MI) Lutherhostel, Aug. 22. Leege served as a discussant on “Authors Meet Critics: Leege et al., The Politics of Cultural Differences,” American Political Science Association annual convention, Philadelphia, Aug. 31; and conducted a seminar and consulted on graduate student and faculty research for the Seminar on Cultural Politics, American Politics Field, Univ. of Wisconsin, Madison, Oct. 26–27.

David Lodge, professor of biological sciences, presented “Linking Science and Policy on Invasive Species” to the Stanford Environmental Forum at Stanford Univ., Dec. 6–8; and “Forecasting and Managing Aquatic Invaders: From International Shipping Patterns to Lake-to-Lake Dispersal” and “Enhancing Biotic Resistance and Ecosystem Resilience: Using Integrative Pest Management to Induce Regime Shifts” at the Nature Conservancy’s annual all-science meeting in Tucson, Nov. 28–30.

John LoSecco, professor of physics, presented “Rare Decays and Lepton-Flavor Violation Studies at BaBar,” an invited talk, at “Miami 2006,” Ft. Lauderdale, Fla., on Dec. 14.

Edward J. Maginn, professor of chemical and biomolecular engineering, presented the following invited talks: “Atomistic Modeling of Adsorption and Ion Exchange in Zeolites,” the plenary lecture at the “Seventh International Conference on the Occurrence, Properties and Utilization

of Natural Zeolites,” Socorro, N.Mex., July 16–21; “Design and Evaluation of Ionic Liquids as Novel CO₂ Absorbents” at the National Energy Technology Program Review, Pittsburgh, Pa., Sept. 22; “Using Atomistic Simulations to Understand Structure-Property Relationships: Applications to Ionic Liquids and Crystalline Nanoporous Materials” for the Dept. of Chemistry and Dept. of Chemical and Biological Engineering, Iowa State Univ., Ames, Oct. 6; “Design and Evaluation of Ionic Liquids for Post-Combustion CO₂ Capture” at the annual meeting of the American Filtration and Separation Society, Pittsburgh, on Oct. 16; and “Using Atomistic Simulations to Understand Structure-Property Relationships: Application to Ionic Liquids and Crystalline Nanoporous Materials” at a Case Western Reserve Univ. departmental seminar, Nov. 9. He also organized and chaired a session titled “Ionic Liquids: Thermodynamics and Transport Properties” at the American Institute of Chemical Engineers conference, San Francisco, in November.

Rev. John P. Meier, the Warren Foundation Professor of Catholic Theology, delivered the Shaffer Lectures at Yale Divinity School, Oct. 10–12; an invited lecture celebrating the 50th anniversary of New Testament Abstracts at the Weston Jesuit School of Theology, Cambridge, Mass., on Oct. 13; and a lecture on “Did the Historical Jesus Prohibit All Oaths?” at the annual meeting of the Society of Biblical Literature, Washington, D.C., on Nov. 20.

Orlando Menes, assistant professor of English, presented “Alfonsina Storni’s Voice of the Feminine: Transgressive Lyricism, Ludic Sounds” at the MLA annual convention in Philadelphia, Dec. 27–30; and held poetry readings and panel discussions at “The Resilience of the Human Spirit: An International Gathering of Poets” at the Guthrie Center, Great Barrington, Mass., Sept. 16–17.

Rev. Ronald Nuzzi, director, ACE Leadership Program, presented a faculty workshop at Saint Joseph’s High School, “Profiling the Effective Teacher: A Research-Based View,” Nov. 17, South Bend.

John O’Callaghan, associate professor of philosophy, presented “Out with the Old, In with the New? Aquinas Interpreting Aristotle’s *De Interpretatione*” at the “Twenty-fourth Annual International Conference on Ancient and Medieval Philosophy” at Fordham Univ., Oct. 20–22; was an invited speaker at the conference, “*Quale felicità per l’Europa di oggi?*” in Palermo, Sicily, Oct. 16–19, where he presented “Neither Robber Barons nor Philosopher Kings: Political Prudence in the Just Polity” and “Prudence, Cleverness and the Ruler: Honor Among Thieves?”; and was a plenary speaker at the American Maritain Association meeting, in Nashville, Nov. 2–5, where he presented “*Distinguer Pour Unir*: Putnam and Aquinas on the Unity of Nature.”

Jean Porter, the O’Brien Professor of Moral Theology, delivered the Newman Lecture titled “Torture and the Christian Conscience” at the Thomas More Chapel, Yale Univ., Oct. 16.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, presented “Slow Invariant Manifolds in Chemically Reactive Systems,” coauthored with **Samuel Paolucci**, professor of aerospace and mechanical engineering, and also chaired a session at the American Physical Society annual meeting of the Division of Fluid Dynamics, Tampa Bay, Fla., in November.

Maryfrances Prorok, research associate professor in the Center for Transgene Research, presented “Dimerization of the NMDA Receptor-Antagonizing Conantokin Peptides: A New Twist on Helix-Helix Interactions,” an invited seminar, at Indiana Univ.–Purdue Univ., Indianapolis, Nov. 29.

Thomas Prügl, associate professor of theology, presented “*Konzil und Kardinäle in der Kritik. Das Kirchenbild in den polemischen Schriften des Teodoro de’ Lellis*” at the “*Nach dem Basler Konzil. Die Neuordnung der Kirche zwischen Konziliarismus und monarchischem Papat (ca. 1450–1475)*” conference, in Munich, Oct. 12–14.

Marcelo Ramalho-Ortigao, research assistant professor of biological sciences, presented “*Phlebotomus Papatasi* Salivary Gland Sequence Variability and Impact on Defining Vaccine Candidates” to the

Entomological Society of America meeting in Indianapolis, Dec. 12–13.

Karen E. Richman, director, Border and Inter-American Affairs in the Institute for Latino Studies, was a discussant on the panel on “Transnationalism and Technology in the Americas” at the annual meeting of the American Anthropological Association, San Jose, Calif., in November.

Xiaodong Tang, assistant professor of physics, presented “A New Measurement of the E1 Component of the $^{12}\text{C}(\alpha, n)^{16}\text{O}$ Reaction,” a seminar, at the Institute of Nuclear and Particle Physics, Ohio Univ., Athens, on Sept. 19.

Richard E. Taylor, professor of chemistry and biochemistry, presented an invited seminar titled “Synthesis and Evolution of Polyketide Natural Products” at the Dept. of Chemistry and Division of Medicinal Chemistry and Natural Products, Univ. of North Carolina, Chapel Hill, Nov. 20 and 21.

Eugene Ulrich, the O’Brien Professor of Theology, presented three invited lectures in connection with the annual meeting of the Society of Biblical Literature in Washington, D.C.: “Methodological Reflections on Determining Scriptural Status in First-Century Judaism,” at a pre-conference workshop on “Methodological Study of the Dead Sea Scrolls” at the Meyerhoff Center for Jewish Studies, Nov. 17; “Terminology for the Developing Scriptures in the Second Temple Period,” in a new section on “Rethinking the Concept and Categories of ‘Bible’ in Antiquity,” Society of Biblical Literature annual meeting, Nov. 18; and “A Qualitative Assessment of the Textual Profile of 4QSamuel-a” in a panel on “Discoveries in the Judaean Desert 17: 4QSamuel,” on Nov. 20.

Michael C.F. Wiescher, the Freimann Professor of Physics, presented “The Nuclear Trigger for Stellar Thermonuclear Explosions,” a seminar, at Pelletron Laboratory, Australian National Univ., Canberra, in December; and “Nucleosynthesis—The Origin of the Elements,” a plenary talk, at the Australian Institute of Physics Congress, Brisbane, Dec. 3–8.

Terri Weissman, assistant professor of modern and contemporary art, presented “Modern Document: The Making of Berenice Abbott’s *Changing New York*” on Nov. 17 at the National Gallery of Art, Washington D.C.

Carolyn Y. Woo, the Gillen Dean and Siegfried Chair in Entrepreneurial Studies, presented a lecture on “Globalization” at Culver Academies, on Dec. 5.

Randall Zachman, associate professor of theology, presented “Representing Christ Crucified: The Role of Suffering in the Theology of John Calvin,” Cambridge Univ., on Nov. 29.

Eduardo Zambrano, assistant professor of finance, presented “Priors That Do Not Rule Out Strategic Uncertainty Cannot Lead to Nash Equilibrium” and “The Credibility Problem in Politics: Theory and Evidence on State-Level Abortion Legislation” at the Latin American meetings of the Econometric Society, ITAM, Mexico City, Nov. 4–6.

Publications

J. Douglas Archer, librarian, published “Information Tips and Sources: Videos, Part 2” for *The Peace Chronicle: the Newsletter of the Peace and Justice Studies Association* (December): 16–17.

Robert Audi, the Gallo Professor of Business Ethics, published “Trade Costs and Intra-Industry Trade,” with **Peter Egger**, guest research professor, Kellogg Institute, in *Review of World Economics/Weltwirtschaftliches Archiv* 142, No. 3 (2006): 433–58.

David Aune, professor of theology, published “Recent Readings of Paul Relating to Justification by Faith,” in *Rereading Paul Together*, which he also edited (Grand Rapids: Baker Academic, 2006): 188–245.

Dinshaw Balsara, assistant professor of physics, published “Arbitrary High Order Discontinuous Galerkin Schemes for the MHD Equations” with A. Taub, *SIAM J. Scientific Computing* (2006) and on the Web at <http://www.springerlink.com/content/mg92569287130108/>; “Dust Stratification in Young Disks” with T. Rettig et al., *Astrophysical Journal* 646

(2006): 342–50; “Anisotropic Thermal Conduction in Supernova Remnants: Relevance to Hot Gas Filling Factors in the Magnetized ISM” with D.A. Tilley, *Astrophysical Journal Letters* 645 (2006): L49–L52; “From First Stars to the Spite Plateau: A Possible Reconciliation of Halo Stars Observations with Predictions from Big Bang Nucleosynthesis” with L. Piau et al., *Astrophysical Journal* 653 (2006): 301; “The Accretion and Spreading of Matter of White Dwarfs” with J.L. Fisker, *New Astronomy Reviews* 50 (2006): 509–15; and “*Astronomische Nachrichten*” with J. Kim, *Proceedings of the Origin and Evolution of Cosmic Magnetism* 327, No. 5/6, (2006): 433–8.

Gerard Baumbach, professional specialist and director, Center for Catechetical Initiatives in the Institute for Church Life, and concurrent professor of theology, published “The Center for Catechetical Initiatives at Notre Dame’s Institute for Church Life,” *Notre Dame Center for Liturgy Bulletin* (Autumn); and acted as catechetical and liturgical consultant for two books: *We Live Our Faith as Disciples of Jesus* and *We Live Our Faith as Members of the Church* (New York: Sadlier, 2006).

Joseph Blenkinsopp, the O’Brien Professor Emeritus of Old Testament Studies, published *Opening the Sealed Book. Interpretations of the Book of Isaiah in Late Antiquity* (Grand Rapids, Mich.: Eerdmans, 2006).

Theodore Cachey, professor and chairperson of the Dept. of Romance Languages and Literatures, published “*Per una mappa del Canzoniere* (RVF 171–79),” *Il Canzoniere. Lettura micro e macrotestuale. A cura di Michelangelo Picone* (Ravenna: Longo, 2006): 395–414.

Kevin J. Christiano, associate professor of sociology, published a review of J.A. Beckford’s *Social Theory and Religion* in *History of Religions* 46, No. 2 (November): 169–71.

Philippe Collon, assistant professor of physics, published “First Evidence of Fusion Hindrance for a Small Q-Value System” with C.L. Jiang et al., *Phys. Lett. B* 640 (2006): 18–22.

Lawrence S. Cunningham, the O’Brien Professor of Theology, published

"Monasticism as a Schola," in *A Monastic Vision for the 21st Century*, ed. P. Hart (Collegeville, Minn.: Liturgical Press, 2006): 73–88; and "Religion Booknotes," *Commonweal* cxxxiii (Nov. 3): 27–29.

Keith J. Egan, adjunct professor of theology, published a review in *Cistercian Studies Quarterly* 41, No. 4 (2006): 510–12 of F. Ribot, *The Ten Books of the Way of Life and Great Deeds of the Carmelites*, ed. and trans. R. Copley; and a review in *Catholic Book Reviews.org* (November) of N. O'Donoghue, *Adventures in Prayer: Reflections on St. Teresa and St. John of the Cross*.

Georges Enderle, the Ryan Professor of International Business Ethics and Fellow of the Kellogg and Nanovic Institutes, published the article "Corporate Responsibility in the CSR Debate" in *Unternehmensethik im Spannungsfeld der Kulturen und Religionen* [Corporate Ethics Facing Conflicting Cultures and Religions], J. Wieland et al., ed. (Stuttgart: Kohlhammer, 2006) 108–24.

Stefan Frauendorf, professor of physics, published "Transition Probabilities in Pr-134: A Test for Chirality in Nuclear Systems" with D. Tone et al., *Physical Review Letters* 96 (2006): 052501; "Systematics of Magnetic Dipole Strength in the Stable Even-Mass Mo Isotopes" with G. Rusev et al., *Physical Review C* 73 (2006): 044308; "Orbits, Shapes and Currents," *Physica Scripta* T125 (2006): 1–7; and "Multiple Octupole-Type Band Structures in 220Th: Reflection-Asymmetric Tidal Waves?" with W. Reviol et al., *Physical Review C* 74 (2006): 044305.

Alyssa Gillespie, associate professor of Russian, had her article, "That Distant Road, That Sadness: The Creation of Exile in Poems by Maria Pawlikowska-Jasnorzewska and Marina Tsvetaeva," first published in *Russkaia emigratsiia. Literatura. Istoriia. Kinoletopis*, ed. V. Khazan et al. (Jerusalem: Gishrei Tarbut, 2004): 88–108, republished in Polish translation as "Ten trakt daleki, ten smutek. Kreacja wygnania w wierszach Marii Pawlikowskiej-Jasnorzewskiej i Mariny Cwietajewej" in *Polonistyka po amerykansku: Badania nad literaturą polską w Ameryce Południowej (1990–2005)*, ed. H. Filipowicz et al. (Warsaw: Instytut Badan

Literackich Polskiej Akademii Nauk, 2005): 206–28. An expanded version of her entry on Joseph Brodsky in the *Dictionary of Literary Biography: Russian Writers Since 1980*, ed. M. Balina and M. Lipovetsky (Detroit: Gale Group, 2003): 17–39) was published in *Nobel Prize Laureates in Literature, Part 1: Agnon-Eucken* (Detroit: Gale Group, 2007): 184–202; her entry on Osip Mandel'shtam was published in the *Encyclopedia of Modern Europe: Europe Since 1914—Encyclopedia of the Age of War and Reconstruction* 3, ed. J. Merriman and J. Winter (New York: Charles Scribner's Sons, 2006): 1718–21; and her translation of an excerpt of M. Grendze's memoir, titled "A Fiery Baptism," was published in *Echoes of War: World War II Through Russian Eyes* (San Diego: San Diego Association of Russian WWII Veterans, 2005): 37–39.

Sandra Marie Gustafson, associate professor of English, published "The Emerging Media of Early America," the James Russell Wiggins Lecture, in the *History of the Book in American Culture, Proceedings of the American Antiquarian Society* 115 (2005): 205–50; "Textual Media in Early American Studies," a review essay on the Archive of Americana and seven scholarly books for *Early American Literature* 41, No. 2 (2006): 347–64; and introduction to "Historicizing Race in Early American Studies: A Roundtable with Joanna Brooks, Philip Gould, and David Kazinjian," *ibid.*: 305–11.

Maureen T. Hallinan, director of the Center for Research on Educational Opportunity, published "Present Status of Sociology in the United States," *Journal of Applied Sociology* 48: 1–17.

Kevin Hart, the Notre Dame Professor of Philosophy and Literature and Fellow of the Nanovic Institute, published the Russian translation of his book titled *Postmodernism: A Beginner's Guide* (Oneworld) in November.

Gregory V. Hartland, professor of chemistry and biochemistry, published "On the Temperature Stability of Gold Nanorods: Comparison Between Thermal and Ultrafast Laser-Induced Heating" with H. Petrova et al., *Physical Chemistry Chemical Physics* 9 (2006): 814–21; "Contributions from Radiation Damping and Surface Scattering to the Linewidth of the Longitudinal Plasmon Band of Gold Nanorods: A Single Particle

Study" with C. Novo et al., *ibid.* 8: 3540–6; "Gold Nanostructures: Engineering Their Plasmonic Properties for Biomedical Applications" with M. Hu et al., *Chemical Society Reviews* 35 (2006): 1084–94; "Crystal Structure Dependence of the Elastic Constants of Gold Nanorods" with H. Petrova et al., *Journal of Materials Chemistry* 16 (2006): 3957–63; "Ultrafast Laser Studies of the Photothermal Properties of Gold Nanocages" with M. Hu et al., *Journal of Physical Chemistry B* (2006): 1520–24; and "Optical Properties of Au-Ag Nanoboxes Studied by Single Nanoparticle Spectroscopy," *ibid.* 110: 19923–28.

Mary Catherine Hilkert, OP, professor of theology, published "Dialogue, Proclamation, and the Sacramental Imagination," the presidential address, *Proceedings of The Catholic Theological Society of America* 61 (2006) 81–98.

Bei Hu, professor of mathematics, published "Bifurcation from Stability to Instability for a Free Boundary Problem Modeling Tumor Growth by Stokes Equation" with A. Friedman, *Journal of Mathematical Analysis and Application* 327, No. 1 (2007): 643–64.

Chuanjiang Hu, research assistant professor of chemistry and biochemistry, published "Low-Spin Bis (2-methylimidazole)(octaethylporphyrinato)iron(III) Chloride (*perp*-[Fe(OEP)(2-MeHIm)₂](Cl): A Consequence of Hydrogen Bonding?" with **Bruce C. Noll**, research associate professor of chemistry and biochemistry; **C.E. Schultz**, and **W. Robert Scheidt**, professor of chemistry and biochemistry, *Inorganic Chemistry* 45 (2006): 9721–28.

Maxwell Johnson, professor of theology, published a review of *Quodvultdeus of Carthage: The Creedal Homilies: Conversion in Fifth Century North Africa*, Ancient Christian Writers, Vol. 60, translation and commentary by T.M. Finn, in *Spiritus: A Journal of Christian Spirituality* 6, No. 2 (2006): 281–82.

Prashant V. Kamat, professor of chemistry and biochemistry and concurrent professor of chemical engineering, published "Harvesting Photons with Carbon Nanotubes," *Nanotoday* 1, No. 4 (2006): 20–27; and "Organized Assemblies of Single Wall Carbon Nanotubes and Porphyrin for Photochemical Solar Cells: Charge Injection

from Excited Porphyrin into Single-Walled Carbon Nanotubes" with T. Hasobe et al., *J. Phys. Chem. B* 110, No. 50 (2006): 25477–84.

David C. Leege, emeritus professor of political science, published "Der Katholizismus in der Amerikanischer Politik: ein irrelevanter Faktor?" in *Katholiken in der USA und Deutschland: Kirche, Gesellschaft und Politik*, edited by W. Damburg and A. Liedhegener (Munster: Aschendorff Verlag, 2006). His co-edited book, *Rediscovering the Religious Factor in American Politics*, was translated into Indonesian as *Agama dalam Politik Amerika* (Jakarta: Freedom Institute, 2006).

Edward J. Maginn, professor of chemical and biomolecular engineering, published "Liquid Phase Behavior of Ionic Liquids with Alcohols: Experimental Studies and Modeling" with J.M. Crosthwaite, M.J. Muldoon, S.N.V.K. Aki, and **Joan F. Brennecke**, professor of chemical and biomolecular engineering, *Journal of Physical Chemistry B* 110 (2006): 9354–61; "Measurement of SO₂ Solubility in Ionic Liquids" with J.L. Anderson, J.-N.K. Dixon, and Joan F. Brennecke, *ibid.*: 15059–62; "Molecular Simulation Study of Some Thermophysical and Transport Properties of Triazolium-Based Ionic Liquids" with C. Cadena, *ibid.*: 18026–39; and "Isomolar-Semigrand Ensemble Molecular Dynamics: Application to Vapor-liquid Equilibrium of the Mixture Methane/Ethane" with T. I. Morrow, *Journal of Chemical Physics* 125 (2006): 204712.

Rev. John P. Meier, the Warren Foundation Professor of Catholic Theology, published "O Jesus histórico e a Lei histórica" ["The Historical Jesus and the Historical Law"] in *Jesus de Nazaré. Uma outra história* (Sao Paulo, Brazil: Annablume, 2006): 229–62.

Orlando Menes, assistant professor of English, published "Bugarrones" in *Telling Tongues: A Latino/a Anthology on Language Experience*, L. Mendoza and T. Nelson Herrera, eds. (National City, Calif./Granada Hills, Calif.: Calaca Press/Red Salmon Press, 2007): 43–44.

Nathan D. Mitchell, professional specialist in theology, published "Real Presence" (The Amen Corner), *Worship* 80, No. 6 (November): 551–66.

Kenneth E. Moore, faculty emeritus, anthropology, published "Edmund Burke: Tradition, Liberty, Empire," a review of *Foreign Affections* by S. Deane in *The University Bookman* 44, No. 4 (2006): 24–27.

Bruce C. Noll, research associate professor of chemistry and biochemistry, published "Reaction of nido-1,2-(Cp*₂RuH)₂B₃H₇ with Ethynylferrocene to Yield New Metallocarboranes" with H. Yan and **Thomas P. Fehlner**, professor of chemistry and biochemistry, *Journal of Organometallic Chemistry* 691 (2006): 5060–64.

Samuel Paolucci, professor of aerospace and mechanical engineering, published "Wavelet-Based Adaptive Multiresolution Computation of Viscous Reactive Flows" with student **Y.A. Rastigeje**, *International Journal for Numerical Methods in Fluids* 52 (2006): 789–94

Dean A. Porter, director emeritus, the Snite Museum of Art, wrote the introduction for J.A. Fleck Jr.'s *The Life and Art of Joseph Amadeus Fleck* (Lafayette, Calif.: e-Pluribus Unum Books, 2006): 11–20.

Joseph Powers, associate professor of aerospace and mechanical engineering, published "Review of Multiscale Modeling of Detonation" in *Journal of Propulsion and Power* 22, No. 6 (2006): 1217–29; and "Introduction: Perspectives on Detonation-Based Propulsion," *ibid.*: 1153–54.

Mihir Sen, professor of aerospace and mechanical engineering, published "The Use of Ionic Liquids in Refrigeration" with **Samuel Paolucci**, professor of aerospace and mechanical engineering, *Proceedings of IMECE 2006* (New York: ASME, 2006): nine pages.

Thomas L. Shaffer, professor emeritus of law, published "Trust in Democracy: Anabaptists, Italian Americans, and Solidarity" in the *Journal of Law and Religion* 21 (2006): 413–25; and "Roman Catholic Lawyers in the United States of America," *ibid.*: 305–13.

Roger Skurski, professor emeritus of economics, published a review of *The Economics of Sport: An International Perspective*, by R. Sandy et al., in *Comparative Economic Studies*, No. 48 (2006): 189–91.

Felicia A. Smith, librarian-in-residence, published "ALB1876: American Libraries Before 1876," *Reference Reviews* 20, No. 8 (December); and "Race, Ethnicity, and Religion Project (Cornell University)," *ibid.*, No. 7 (November).

Mark Suckow, research associate professor and director, Freimann Life Sciences Center, published "Medical Records for Animals Used in Research, Teaching, and Testing: Public Statement from the American College of Laboratory Animal Medicine" with K. Field et al., *ILAR Journal* 48 (2006): 37–41; *The IACUC Handbook*, edited with J. Silverman and S. Murthy (Boca Raton: CRC Press, 2006): 652 pages; "Assessment of Veterinary Care" with B.J. Doerning, *The IACUC Handbook*, 2nd Edition (2007): 493–520; "Lifespan Extension by the Antioxidant Curcumin in *Drosophila melanogaster*" in *International Journal of Biomedical Science* 2, No. 4 (December): 100–03; and "Dietary Prevention of Hormone Refractory Prostate Cancer in Lobund Wistar Rats: A Review of Studies in a Relevant Animal Model" with M. Pollard, *Comparative Medicine* 56 (2006): 461–67.

John A. Weber, associate professor of marketing, published "Business Ethics Training: Insights from Learning Theory," *Journal of Business Ethics* (November): 1–25.

Michael C.F. Wiescher, the Freimann Professor of Physics, published "Sensitivity of p Process Nucleosynthesis to Nuclear Reaction Rates in a 25 Solar Mass Supernova Model" with W. Rapp et al., *Astrophysical Journal Supplement* 653 (2006): 474; and "Charged Particle Reaction Rates from Stellar H to C Burning" with R.E. Azuma et al., *Memorie della Societa Astronomica Italiana* 77 (2006): 910.

Olaf Wiest, professor of chemistry and biochemistry, published "Acyclic or Long-Bond Intermediate in the Electron-Transfer-Catalyzed Dimerization of 4-Methoxystyrene" with L.L. O'Neill, *Journal of Organic Chemistry* 71 (2006): 8926–933.

Randall Zachman, associate professor of theology, published "Medieval and Reformation Readings of Paul," in *Rereading Paul Together: Protestant and Catholic Perspectives on Justification*, **David Aune**, professor of theology, ed. (Grand Rapids, Mich.: Baker Academic, 2006).

Administrators' Notes

Activities

Richard F. Klee, tax director, Office of the Controller, presented "Tax Implications of Charitable Gifts" to the Illinois CPA Society's Not-for-Profit conference in Springfield, Ill., on Dec. 5.

Publications

Alan S. Bigger, director of Building Services, published "Work Like a Champion Today," with L.B. Bigger, *Executive Housekeeping Today* 28, No. 12 (December): 6-8+; and "Providing Cutting-Edge Cleaning," *China Clean* 6 (November/December).

John K. Kamel, staff member in the Dept. of Aerospace and Mechanical Engineering, published "Numerical Simulation of a Chemical Vapor Deposition/Infiltration Reactor" with Samuel Paolucci, professor of aerospace and mechanical engineering, *Proceedings of IMECE 2006* (New York: ASME, 2006): 11 pages.

Ipe J. Mavunkal, staff member in the Dept. of Science, published "Novel Approach to Multimetal Metallaborane Clusters: Synthesis of Hypoelectronic *nido*- $\text{Cp}^*_3\text{IrRu}_2\text{B}_5\text{H}_9$ from the Reaction of *arachno*- $\text{Cp}^*\text{IrB}_3\text{H}_9$ with *nido*-(Cp^*RuH) $_2\text{B}_3\text{H}_7$ " with Bruce C. Noll, research associate professor of chemistry and biochemistry, R. Meijboom, A. Muller, and Thomas P. Fehlner, professor of chemistry and biochemistry, *Organometallics* 25 (2006): 2907.

Damrongsak Wirasaet, staff member in the Dept. of Aerospace and Mechanical Engineering, published "The Application of an Adaptive Wavelet Method to the 3-D Natural-Convection Flow in a Differentially Heated Cavity" with Samuel Paolucci, professor of aerospace and mechanical engineering, *Proceedings of IMECE 2006* (New York: ASME, 2006): 12 pages.

Documentation

Minutes of the 307th Graduate Council Meeting

September 20, 2006

Present: Don Pope-Davis, chair, Joseph Marino, James Merz, Mark Roche, Ed Conlon (substituting for Carolyn Woo), Jennifer Younger, Philip Bess, Theodore Cachey, Thomas Fuja, Darcia Narvaez, Igor Veretennikov, Sharon Hu, Thomas Slaughter, Graham Hammill, Christine Maziar, Richard Taylor, Scott VanJacob, Amber Handy, Michael Lundin

Graduate School Representatives: Terry Akai, Michael Edwards, Barbara Turpin

Excused: Umesh Garg, James McAdams, Patricia O'Hara, Robin Young

Absent: Mark Alber, Crislyn D'Souza-Schorey

Guests: Rev. Timothy Scully, CSC, Professor, Political Science and Director, Institute for Educational Initiatives; Rev. Ronald Nuzzi, Director, Alliance for Catholic Education (ACE) Leadership Program; Joyce Johnstone, Ryan Director of ACE Educational Outreach; David Gasperetti, Chair, German and Russian Languages and Literatures

Reporter: Mary Hendriksen, executive assistant, The Graduate School

I. APPROVAL OF MINUTES OF THE 306TH GRADUATE COUNCIL MEETING

Prof. Pope-Davis invited a motion to approve the minutes of the Graduate Council meeting of March 30, 2006. After a motion was made and seconded, members approved the minutes without change.

II. PROPOSAL TO INSTITUTE A MASTER'S PROGRAM IN EDUCATIONAL ADMINISTRATION (ACE LEADERSHIP PROGRAM).

In the early 1990s, Notre Dame founded the Alliance for Catholic Education (ACE) through its Institute for Educational Initiatives (IEI). ACE is a two-year service

program in which college graduates—many of them Notre Dame students—spend their summers studying in a master's of education program at Notre Dame and commit to two school years teaching in under-resourced Catholic schools across the country. [See <https://ace.nd.edu/>

Then, in 2002, an extension of the ACE program, the ACE Leadership Program was founded. It provides an intensive 14-month experience in becoming a professional administrator, fostering school community, and promoting spiritual formation. Participants engage in two summers of coursework at Notre Dame and an administrative internship, after which they are eligible for administrative licensure.

At today's meeting, representatives of IEI and ACE presented a proposal to expand the current ACE Leadership program by adding a degree program named "Master of Arts in Educational Administration."

The Reverend Timothy Scully, C.S.C., director of IEI, began by explaining that the proposal originated in the University's 2002 strategic planning process—which, at IEI, was a process that included input and discussion by 40 faculty fellows. Fr. Scully emphasized that the proposal for the master's program has some urgency. In the next decade, more than 70% of the religious who now lead many of the 8,000 Catholic elementary and secondary schools in the United States will retire—thus passing on administrative responsibility for the schools to lay people. It is this need for administrators, he said, that IEI's educational administration master's program is intended to address—just as several years ago the institute began the ACE initiative to address the pressing need for teachers in Catholic schools. Now, Fr. Scully noted, ACE is the largest supplier of faith-based educators in the country.

Next, the Reverend Ronald Nuzzi, director of the ACE Leadership Program, highlighted some aspects of the proposed degree program. First, he said, the current master's degree program offered

through ACE—the ACE M.Ed—is open only to students already possessing a master's degree, which has prevented interested and enthusiastic candidates from pursuing leadership roles. The proposed master's program is directed to qualified candidates who have not already received a graduate degree. Second, candidates for the degree program are required to have three years of experience teaching in a Catholic school, a valid teaching license, appropriate academic credentials, and the recommendation of their diocesan superintendent. Third, participants would devote three summers and two academic years to earning the degree. The current ACE Leadership curriculum would be enhanced by the addition of eleven credit hours of required coursework in Exceptionalities in Education (three credit hours), Educational Research and Methodology (three credit hours), and Action Research (three credit hours). Additionally, the current ACE one-credit course in History and Philosophy of Catholic Education would be expanded to a three-credit course, for a total of 38 hours—28 in the classroom and 10 via distance learning.

Fr. Nuzzi then spoke of the unique nature of the proposed degree, particularly the students' access to a highly interdisciplinary faculty—one that includes professors from such fields as political science, sociology, and psychology in addition to ACE faculty and adjunct professors. This diverse faculty will benefit the students in particular, he pointed out, when they undertake their various research projects. One can envision students researching the quality of math or science achievement in their schools, or the Catholic identity of a particular school. The high quality of the ACE faculty and the interdisciplinarity they represent would allow research projects to be both rigorous and relevant.

In closing, Fr. Nuzzi noted that the proposed master's program is the linchpin of the University's Magnificat proposal. Under that program, a graduate of the ACE Leadership Program will serve as principal of an under-resourced school, thus helping to stem the tide of Catholic school closings.

The last of the three presenters, Dr. Joyce Johnstone, the Ryan Director of ACE Educational Outreach, discussed: (1) candidate selection, and (2) assessment and

review of the proposed degree program. She emphasized that the program is standards-based, with all assessment mapped to student outcomes.

As for the quality of the candidates, Dr. Johnstone explained that there are three gates for admissions: a transcript review, GRE assessment, and an interview by current and past administrators. A requirement unique to the ACE Leadership Program is that candidates must be recommended by the superintendent of a diocese or the president of a private Catholic school. Dr. Johnstone noted that each student will have a mentor in their diocese who will also attend a mentoring workshop at Notre Dame during the summer.

Dr. Johnstone also explained that every summer, exit interviews with the graduating cohort will be conducted to allow administrators to evaluate participants' experience in the program. Additionally, external reviewers—typically, locally licensed principals—will review the students' portfolios as a way to assess program quality. Finally, a national licensing examination, the School Leadership Licensure Assessment, is required of all participants. External reviews and a system of tracking program graduates will also be established. Surveys of immediate supervisors will be undertaken to assess the effectiveness of program graduates as Catholic school principals.

Prof. Pope-Davis then opened the floor for questions and discussion.

Associate Dean Akai asked the source of faculty salaries for the degree program. Fr. Nuzzi answered that the source is student fees and grants. The ACE Leadership Program is currently funded primarily through a grant from a private foundation. Additionally, as documentation provided to members in advance of the meeting explains, for each candidate, nominating schools will be asked to contribute \$4500, the nominating diocese or religious community \$4500, and the student \$3000—for a total contribution per student of \$12,000.

Mr. VanJacob said that while the Library has adequate resources to support the program now, he wonders if that will be true when the research component of the degree program grows. Additional faculty will also require additional library resources.

Fr. Nuzzi answered that in addition to the print and electronic resources outlined in the program proposal, ACE has learned that Hesburgh Library is to be the recipient of the personal library of G. Michael Pressley, former academic director of ACE and professor of psychology. The Donna and Michael Pressley collection, approximately 13 tons of texts devoted to education and psychology, will be incorporated into the library collection upon arrival.

Prof. Conlon asked about the addition of a six-hour research requirement to the curriculum. He would expect to see a statistics requirement with such a research component. He asked: Is the goal of the degree program to produce researchers or consumers of research?

Fr. Nuzzi responded that graduates of the program would be first and foremost administrators. Thus, the goal is to produce professionals who are literate in research and who can provide some leadership in research—for example, by identifying issues and questions worthy of investigation.

Prof. Maziar asked whether the program might identify partners for the students' research. Fr. Nuzzi said that while that would be a wonderful outcome, particularly for the Magnificat schools, the goal is to produce leaders for schools that are at risk of closing.

Prof. Merz asked whether the budget is self-sustaining. Funding for the first three years seems to come from a large jumpstart grant. Fr. Scully replied that he received news only yesterday that a most generous donor has committed himself to a contribution schedule both now and in the future that will take care of the needs of the program in perpetuity.

Noting that all candidates for the proposed degree program must have three years experience teaching, Prof. Merz then asked about the extent of interplay between the ACE teachers' program and the ACE leadership program. Fr. Scully replied that in the last 11 years, 70% of graduates overall—with the percentage rising to 80 or 85% if one looks only at ACE's most recent classes—have remained in Catholic schools past their two-year commitment. This provides evidence that ACE program graduates want to stay in Catholic education.

Fr. Nuzzi added that ACE is more than a service program. It has become the largest single supplier of Catholic school teachers in the country. And, teachers of the high caliber the program produces want to affect school culture from the position of leaders. He noted that in all spheres of education, not only the ACE program, principals are recruited from teacher ranks. In fact, in Indiana, principals must have three years experience in the classroom. While the wisdom of that regulation is debatable, Fr. Nuzzi, said, the fact remains that it is current state policy and law.

With no more questions from Council members, Fr. Informed Council members that, as discussed earlier with University Libraries Director Jennifer Younger, he will make corrections in the section of the proposal dealing with library resources.

Prof. Pope-Davis then called for a vote on the proposal to institute a master of arts in educational administration at Notre Dame. Members gave the proposal their unanimous approval.

Prof. Pope-Davis then clarified that the Council's vote is advisory to the Academic Council. The Graduate Council's vote will be conveyed to that body, which will next vote its approval or disapproval of the program. Final approval is by University President Fr. John Jenkins.

III. PROPOSAL TO CLOSE THE MASTER'S PROGRAM IN GERMAN LANGUAGE AND LITERATURE

Prof. Roche, now the I.A. O'Shaughnessy Dean of the College of Arts and Letters, opened the discussion by explaining that when he arrived at Notre Dame eleven years ago as chairperson of the Department of German and Russian Languages and Literatures, the master's program in German was small and not strong. He advised at the time that strategies should be developed to enhance the program, or it should be closed and the faculty's energies devoted to undergraduate students. In the interim, there have been a few good students—even a few stars—who have completed the degree, but the field of German is small overall and the number of applications to Notre Dame's program modest. Most students interested in advanced German have their sights not on

a terminal master's degree but on a doctoral degree.

Consequently, Prof. Roche said, the number and quality of students in the University's master's program in German have not been outstanding. [As explained in documentation supporting the proposal, "from 1999 to 2004, a total of 16 students applied to the program, ranging from zero to four in any given year." See Attachment A] Moreover, the experience has proved to be less than ideal for the few students—on average, two a year—who enter the program. Given that the number of students in the program is so small, the Department offers hybrid courses that include a mixture of undergraduate and graduate students. While this may work in some disciplines, it is difficult in German for two reasons: On the one hand, the linguistic capacities of undergraduate and graduate students often differ radically; and, on the other hand, the asymmetry of students is the opposite of what one might seek—for example, twelve undergraduate students and two graduate students. Thus, the classroom experience has not been what it should be for the graduate students. In addition, for the most part, a terminal master's program does not add great distinction to the University. If German faculty members wish to work with graduate students, other outlets exist—for example, the PhD in Literature program or the Medieval Institute. Finally, Prof. Roche said, given that resources for graduate education are limited, it is important to ensure that the funding available at Notre Dame is used in ways that reinforce the University's aspirational goal to offer outstanding graduate education to the most qualified students.

Thus, Prof. Roche explained, he began a conversation last year with the current chair of the Department of German and Russian Languages and Literatures, Prof. David Gasperetti, about closing the master's program in German. Departmental faculty gathered in late 2005 and again in January 2006 to discuss the proposal, and while there were some tough questions, ultimately, all members concurred that the program did not merit continued support. Thus, the program closure comes with the endorsement of the department.

Prof. Gasperetti reiterated that there were no strong objections to closing the master's program—only some questions from the

faculty. Actually, he noted, questioning about the viability of the program has occurred since his own arrival at Notre Dame in 1989.

Prof. Marino asked how many faculty members teach German. Prof. Roche answered that there are currently eight faculty lines, although not all are filled.

Prof. Gasperetti further explained that the German Language and Literature side of the department includes four teaching-and-research faculty members, two full-time special professional faculty members, and one part-time special professional faculty member. In addition, Vittorio Höslé is a member of the department but devotes only one of his courses each year to German. One teaching-and-research line remains unfilled.

Mr. VanJacob noted that, often, master's degree students teach language classes. He asked whether that has been true in the German department, and, if so, how those courses will be affected if the program closure is approved.

Prof. Gasperetti answered that the teaching skills of graduate students in the program have been uneven. A few years ago, there were many problems with the quality of the teaching; however, ironically, the two students currently finishing the program [no new students were admitted to the two-year program for the 2006–2007 academic year] are excellent teachers and students. His point, though, is that the quality of teaching by the graduate students is not consistently good. The department's goal and expectation is that when the teaching-and-research line now open is filled, that faculty member will teach the courses taught traditionally by the master's-level students. It should be a seamless tradition. Prof. Gasperetti also noted that on the Russian side of the department, teaching-and-research faculty members have always taught first- and second-year language classes. Replacement of graduate students by T & R faculty will make the sections parallel.

Prof. Roche added that Russian is the language program at Notre Dame with the best retention percentage from the first three semesters to advanced levels. He thinks there is a strong relation between that statistic and the fact that teaching-

and-research faculty teach all introductory Russian courses.

Prof. Taylor asked: If the program is closed, what will happen to the funds now dedicated to it? He noted that programs should carefully consider options to expand or contract, or to terminate degrees.

Prof. Roche answered that there have been very few stipends available for graduate students in German—and they were not always awarded. The Graduate School is reallocating most of the stipend funds it reserved for German master's-level students to another program in the College of Arts and Letters. The College is reallocating some modest funding to the German undergraduate program. Its continuation will be dependent upon that program's success—as measured by accomplishments such as the number of students who receive Fulbrights, the number of German majors, and the number of students who go on to graduate school.

Prof. Hammill noted that, at times, terminal masters' programs can be good avenues for Notre Dame undergraduates who want to do advanced work in a joint BA/M.A. program. Was that true in this case?

Prof. Roche said that some years ago, such a model was presented to the department. Romance Languages and Literatures has done an outstanding job at Notre Dame of bringing in external MA students and integrating them with five-year BA/M.A. students, then sending the students on to PhD programs. The German Department never pursued this idea. Some faculty members in German proposed bringing in foreign exchange students, but the idea was presented a bit late. And, again, he said, a master's program does not provide the same level of distinction to the University as a doctoral program.

Referring to the graduate/undergraduate "hybrid" courses mentioned earlier, Mr. Lundin asked if any classes would be eliminated if the master's program is ended.

Prof. Roche said that the courses he identified will continue to be taught as undergraduate courses. If some students in the PhD in Literature program would like to take one of those courses, the course could be taught simultaneously as a 400- and a 500-level course.

Prof. Gasperetti confirmed that the option will exist for graduate students to enter higher-level German classes—from either doctoral programs in philosophy, the PhD in Literature, or other programs.

Prof. Merz commented that there was so much excitement at Notre Dame when Prof. Hösle came to Notre Dame. Will the closing of the program affect his flourishing at the University?

Prof. Roche answered that while Prof. Hösle posed questions regarding the closing—for he is an advocate of graduate studies and research—he holds concurrent appointments in political science and philosophy, and thus offers courses routinely in those departments as well. There is no shortage of graduate students interested in his intellectual offerings. While the master's program in German was a part of Prof. Hösle's work, it was not a major part. His appointment at Notre Dame is truly a college appointment.

Prof. Gasperetti noted as well that in some years, no students entered the German MA program.

Prof. Hu asked if there were plans for a PhD program in German at Notre Dame. Prof. Roche said that nationally, the field is very different than it was even 20 years ago. Chinese and Arabic language study are experiencing a huge spike in interest; interest among students is markedly smaller in German. The College had a discussion some years ago about adding PhD programs in several areas; ultimately, the decision was to adopt the PhD Program in Literature. Thus, if a student wanted to work with Prof. Hösle and had interests in German, that PhD program would be the avenue available to him or her.

A motion was made to close the MA program in German and seconded. Prof. Pope-Davis then called for a vote, which was unanimous in favor of closure.

IV. ANNOUNCEMENTS/SETTING OF THE AGENDA/ELECTION OF THE EXECUTIVE COMMITTEE

Prof. Pope-Davis then announced that he has constituted a subcommittee of Council members to review the policies and procedures of the Graduate School as embodied in the Graduate Bulletin. The members are: Crislyn D'Souza-Schorey, Thomas

Fuja, Michael Lundin (representing the Graduate Student Union), Darcia Narvaez, Thomas Slaughter, and Barbara Turpin.

The expectation is that the subcommittee will be ready to bring at least a preliminary report to the Council at its last meeting of this academic year, with final approval to be sought a year from now—at the Council's first meeting of the 2007–08 academic year.

Prof. Narvaez asked for clarification on the scope of responsibility of the Graduate Council and procedures for placing items on the agenda.

Prof. Pope-Davis answered that the Council's broad scope is graduate education and that any member of the Council can suggest an item for the agenda. Members should send topics they would like taken up to his executive assistant, Mary Hendriksen [Hendriksen.2@nd.edu]

A member noted that last year, the Council established an executive committee [see *Notre Dame Report*, vol. 35, no. 5, p. 148 (meeting of April 19, 2005)], which has responsibility for setting the agenda for meetings.

Prof. Pope-Davis said that he will communicate with members via e-mail on procedures for nominating and electing this year's executive committee members.

There being no further business, Prof. Pope-Davis adjourned the meeting at 4:30 p.m.

Faculty Board on Athletics

Minutes of the Meeting of
September 21, 2006

5th Floor Conference Room
Main Building

Members present: Prof. Donald Pope-Davis (Chair); Prof. Patricia Bellia; Prof. Harvey Bender; Prof. Eileen Botting; Prof. Stephen Fallon; Mr. Patrick Holmes; Prof. David Kirkner; Ms. Kathryn Lam (Student Rep.); Prof. Richard Pierce; (Rev.) Mark Poorman, C.S.C.; Prof. F. Clark Power; Dr. Frances Shavers; Prof. John Weber; and Dr. Kevin White.

Members absent: Prof. Francis Castellino

Observers present: Mr. Michael Karwoski and Mr. Stan Wilcox of the Department of

Athletics; Ms. Mary Hendriksen, executive assistant to Prof. Pope-Davis; and Ms. Kitty Cooney Hoye, recorder.

Guests present: Mr. James Fraleigh of the Athletic Department; Ms. Kenya Fuemmeler (Student Athlete Activities Council President).

1. Call to Order and prayer: Prof. Pope-Davis called the meeting to order at 6:00 p.m.; Prof. Botting led the group in prayer.

2. Minutes of previous meeting: Prof. Bender moved for approval of the minutes from the meeting of May 8, 2006; Prof. Botting seconded his motion, which passed unanimously.

3. Announcements: Describing his recent appointment as chair of the Faculty Board on Athletics as both an honor and an extremely important responsibility, Prof. Pope-Davis expressed his gratitude to the FBA members for their confidence and support. He also thanked members for attending a very productive one-day FBA retreat in August.

The Chair asked the three standing committees of the FBA—Academic Integrity, Communications, and Student Affairs—to meet over the course of the next month to elect a chair and to develop an agenda for the year. He extended an invitation to the ex officio members of the board to attend one or more of the subcommittee meetings.

Prof. Pope-Davis said he has observed that many of Notre Dame's student-athletes are either unaware of the FBA or confused about its role. He would like the board to explore ways to become more visible among the student-athletes, as well as among the faculty and on campus in general. One way for the board to gain exposure is the new FBA membership booklet, which contains individual member photographs and profiles. The booklet is already in production and will be distributed to several constituencies on campus, including the officers' group, college deans, department heads, head coaches, and student-athletes.

The Chair said that he would also like to see FBA members develop better relationships with student-athletes and coaching staffs. Doing so, he pointed out, would not only provide added visibility for the board but would also facilitate a fuller discussion when student-related and team-related

issues arise. The Chair proposed that each FBA member “adopt” or be assigned to one or more athletic teams. Members would be asked to make connections and to establish relationships with members of the team(s) and coaching staff. For example, members could attend a practice, meet with the coaching staff, and on occasion, travel with the team. The Chair distributed a short questionnaire to those members present asking them to identify one or more teams of particular interest. He will be making assignments pairing FBA members with teams in the following weeks.

The Chair then introduced current Student-Athlete Advisory Council (SAAC) president, Ms. Kenya Fuemmeler (Softball), to give a report on council news and events. After thanking the Chair for the opportunity to address the FBA, Ms. Fuemmeler reviewed the role of the student advisory council and distributed a handout that included the group’s by-laws and mission statement, as well as a schedule of its meetings for the entire academic year. Ms. Fuemmeler extended an invitation to FBA members to attend the SAAC meetings. At Prof. Power’s suggestion, Ms. Fuemmeler agreed to send FBA members a copy of the SAAC meeting agenda prior to the group’s scheduled meetings.

Ms. Fuemmeler also extended an invitation to all FBA members to attend a dinner for first-year student-athletes at Dr. White’s house on October 2, 2006.

Stressing that one of SAAC’s primary goals is to “promote efficient communication” between student-athletes and the administration, Ms. Fuemmeler proposed that a SAAC member formally serve on the FBA. By doing so, she explained, both groups would have a better understanding of “where each is coming from” when making relevant decisions. A brief discussion followed, with Ms. Fuemmeler emphasizing that it is the SAAC’s desire to explore any possible opportunities that might allow for increased communication between the two groups.

The Chair strongly encouraged FBA members to attend the October dinner at Kevin White’s home as well as the monthly SAAC meetings. Both events, he said, present excellent opportunities for the board to connect with student-athletes.

4. Athletic Director Report: Dr. Kevin White updated the board on news and events from the athletic department, including a current status report on the six fall teams. While all of Notre Dame’s teams are enjoying great success this season, topping the list is Women’s Soccer, which remains undefeated (8-0) and is currently ranked #1 in the country. The football team is also ranked in the top 20 nationally,

The athletic department has hired 46 new staff members (44 full-time, 2 part-time), including 13 new assistant coaches. Dr. White then discussed the appointment of Mr. Dave Schrage as the University’s new head baseball coach. Coach Schrage has nearly 20 years of head coaching experience, including 16 years at the Division 1 level. He just completed his fourth year as head coach at the University of Evansville, where his 2006 team finished with a Top-20 national ranking in the Collegiate Baseball magazine poll.

Dr. White then introduced Mr. Jim Fraleigh, assistant athletic director, for a report on recent changes within the women’s golf program. After the resignation of Coach Debby King this summer, an exhaustive national search took place—with 12 candidates identified initially and the pool then narrowed down to the three candidates who were interviewed for the position. Mr. Fraleigh announced that Ms. Susan Holt, former head coach at the University of South Florida (1993–2006) and Purdue University (1990–1993), has been named head coach of the ND women’s golf team. Coach Holt directed the USF program to 16 team titles and 17 runner-up titles, including five of 10 Conference USA Championships. She has guided the team and/or individuals to 11 NCAA Regional appearances and two consecutive trips to the NCAA finals. Having only been on board for two weeks, Coach Holt has already secured two verbal commitments from the top 35 players in the country.

Dr. White also provided the board with an update on the overall facilities plan for the athletic department. Although he was not at liberty to discuss any details at this time, Dr. White informed the board that plans are underway for a multi-million dollar facelift to Joyce South (which includes men’s and women’s basketball facilities). An

announcement is scheduled within the next two weeks, with work projected to begin in March 2008. The renovations are expected to take 12 months but should not pose any major disruptions to regularly scheduled games. Dr. White announced that work on the new indoor golf facility is complete and plans are underway to officially open the building soon. Dr. White described the new building as an outstanding facility and one that will level the playing field for ND.

Prof. Weber asked Dr. White and Mr. Wilcox for some clarification of the early-entrance policy with respect to new football recruits, specifically on whether there will be a cap on the number of students who will be granted early admission in January. Mr. Wilcox explained that the department has set an internal cap at four students, adding that a committee made up of both faculty and administrative staff (Fr. Poorman; Prof. Pope-Davis; Prof. Hugh Page, Dean, First Year of Studies; Prof. Chris Maziar, vice president and associate provost; Dan Saracino, associate provost for enrollment; Kevin Rooney; associate dean, First Year of Studies; Mr. Wilcox; Mr. Holmes; and Mr. Karwoski) thoroughly reviews all applications for early admission. Mr. Wilcox said that he does not anticipate increasing the cap in the near future, adding that any decision to do so would be brought to the board’s attention.

5. Compliance report: Mr. Karwoski briefly reviewed two compliance-related issues that were recently brought to the attention of his staff. One issue involved a local television sports program that used footage (less than 20 seconds) of three student-athletes as “bumpers” or segues between their programming.

As this meeting was the first of the year, there were no subcommittee reports. The meeting was adjourned at 7:30 p.m.

FBA Meeting Minutes

October 26, 2006

Notre Dame Room, LaFortune Center

Members: Prof. Donald Pope-Davis (Chair); Prof. Patricia Bellia; Prof. Harvey Bender; Prof. Eileen Botting; Prof. Stephen Fallon; Mr. Patrick Holmes; Prof. David Kirkner; Ms. Kathryn Lam (Student Rep.); Prof. Richard Pierce; (Rev.) Mark Poorman, C.S.C.; Prof. F. Clark Power; and Prof. John Weber.

Members absent: Prof. Francis Castellino; Dr. Frances Shavers; and Dr. Kevin White.

Board Liaisons: Mr. Michael Karwoski and Mr. Stan Wilcox from the Athletic Department.

Board Liaison absent: Ms. Missy Conboy

Observers and Guests: Mr. Bill Hoye, Associate Vice President and Deputy General Counsel; Ms. Mary Hendriksen, executive assistant to Prof. Pope-Davis; and Ms. Kitty Cooney Hoye, recorder.

Call to Order and prayer: The Chair called the meeting to order at 6:20 p.m. Prof. Weber offered the opening prayer.

1. Approval of minutes of previous meeting: Prof. Power moved for approval of the minutes from the meeting of September 21, 2006; Prof. Pierce seconded the motion, which passed unanimously.

2. Family Educational Rights and Privacy Act (FERPA) discussion—Mr. Bill Hoye, Office of General Counsel

The Chair introduced Bill Hoye, associate vice president and deputy general counsel, for a brief overview and summary of the Family Educational Rights and Privacy Act (FERPA). The act, explained Mr. Hoye, is aimed at protecting the confidentiality of student educational records. Under FERPA, schools must generally afford students both “the right to review” and “the right to amend” their educational records. The act also provides for some student control over the disclosure of information from these records. Mr. Hoye went on to explain some of the more relevant exceptions to the act and their applicability to the FBA. He also provided members with several related handouts, including a copy of the University’s “Confidentiality Agreement”

as required under FERPA. Each member of the FBA was asked to sign and return the document to Mr. Hoye.

Because of time constraints, the Chair asked that agenda items 3 thru 5 be deferred to a later time to ensure that the Board could address some of the more timely matters on the agenda.

3. Announcements – (discussion deferred)

4. Discussion of possible FBA contributions to the celebration of 35 years of women’s athletics at Notre Dame—Prof. Botting (discussion deferred)

5. FBA response presentation by Dr. Harry Edwards at August 2006 forum—Prof. Botting (discussion deferred)

6. Subcommittee Reports

Communications—Prof. Fallon

The subcommittee is setting up a meeting with Ava Preacher, the University’s Victim’s Resource Person for victims of sexual assault, to discuss sexual harassment issues as they relate to student-athletes. There is no specific issue regarding sexual harassment at this time; rather, the subcommittee is merely seeking information and opening up the channels of communication. He added that the subcommittee is also exploring issues related to undergraduate advising of student-athletes.

Student Welfare—Prof. Botting

The subcommittee met to discuss the Student Athlete Advisory Council (SAAC) proposal presented at the September FBA meeting requesting some type of SAAC presence on the FBA. The subcommittee formulated an alternative proposal that members believe satisfies the need for better communication between the SAAC and the FBA. Ms. Lam described the proposal as having three prongs: (1) The FBA will invite a SAAC representative to attend either subcommittee or board meetings as appropriate on an “as needed” basis. (The SAAC representative would be considered an “invited guest” and not a member of the board.) (2) FBA subcommittee members would attend SAAC meetings on a rotating basis. (3) Active participation by FBA members in member/team pairings to be outlined later at today’s meeting by Prof. Pope-Davis should also enhance communication between the SAAC and the FBA.

To facilitate attendance at the SAAC meetings, Prof. Botting asked that Ms. Mary Hendriksen coordinate the SAAC meeting schedule and assign one of the three subcommittees to each SAAC meeting. The subcommittee chair, in turn, will assign a member to attend the SAAC meeting. Attendance would be scheduled on a rotating basis so as not to overly burden any FBA member.

Mr. Karwoski explained that his current duties as associate athletic director include a communications component that was a direct response to the desire expressed by the SAAC for better communication between student-athletes and the Athletic Department administration. He said that he mentions this not in opposition to the subcommittee’s proposal but so that the Board is aware of his role with the SAAC before making any other decision.

As subcommittee chair, Prof. Botting moved that FBA members attend SAAC meetings on a rotating basis, with subcommittee assignments to be made by Ms. Hendriksen in consultation with the SAAC. Her motion passed, with five members in favor and three opposed.

Prof. Botting next discussed a separate issue brought to the subcommittee’s attention regarding the Faculty Board on Athletics’ off-campus residence policy. [Current policy is that all student-athletes receiving a grant-in-aid “must live on campus at least until the end of their junior year. Such students 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.” Petitions to approve an off-campus living arrangement must be approved by the relevant head coach, the Office of Student Affairs, and the Director of Athletics. The FBA does not review or vote on student-athletes’ petitions.] An ad hoc subcommittee was formed, she explained, to review the circumstances surrounding a specific case involving a current student-athlete who was seeking an exception to the off-campus housing policy. She added that formation of an ad hoc subcommittee is in accordance with past practice of the Board when an exception has been sought—although there have been times when the FBA chair has made the decision.

In the case at hand, subcommittee members (Profs. Botting, Fallon, and Kirkner) decided that their role was to decide if it was “reasonable” to grant the exception requested in this particular case. They decided to focus on that issue alone and agreed not to take into consideration other factors presented in the case. In addition to the student-athlete at issue, they met with the chair of the FBA, the coaching staff, Dr. White, Mr. Wilcox, and Mr. Karwoski.

Prof. Fallon related that the subcommittee decided to recommend that the Board allow the exception.

After discussion by members, the Chair clarified that the Board is faced with two issues at this time. One relates to a suggestion by Prof. Kirkner that the off-campus housing policy and related issues be placed on the agenda for a future FBA meeting. The other is the recommendation that the Board allow this particular student-athlete’s petition for an exception to the off-campus housing requirement.

The Chair then called for a vote on the subcommittee’s recommendation. The vote was five members in favor of granting the exception and three opposed.

Academic Integrity—Prof. Bender

Prof. Bender said that subcommittee members need to address the issue of graduation, specifically as it relates to student-athletes who do not need any additional credits. Prof. Botting commented that this is an issue for the full Board to address and recommended that it be included as an agenda item in the future. Mr. Karwoski stated that the time frame for student athletes to make any changes to their schedule is “now.” Any changes to be made in graduation requirements for next year should be made as soon as possible.

7. Ex officio and Liaison reports

Fr. Poorman—no report at this time

Mr. Holmes—agreed to defer student athlete grade report until November meeting

Mr. Karwoski—no report at this time but noted that it is the time of year leading up to the January NCAA meetings when he reviews all the NCAA legislative proposals and changes. He will summarize the more relevant proposals for the FBA and report back at the November or December meeting.

8. New/Old Business

The Chair distributed a list pairing FBA members with the various men’s and women’s varsity athletic teams. He said that all the coaches have been informed of the pairings initiative and are “on-board” with the program. FBA members should make contact with their head coach(es) and make arrangements to attend one or more team practices. In addition, FBA members should make an attempt to attend as many “home” competitions as possible. The Chair is currently looking for additional resources to fund travel expenses for at least one “away” team event and will provide an update for Board members at the November meeting. Board members will be asked to provide an informal update on their teams from time to time.

Prof. Bender made a motion to adjourn. Prof. Pierce seconded the motion, and the Chair adjourned the meeting at 7:55 p.m.

University Committee on Library (UCL)

Minutes of the Meeting of October 12, 2006

7:30–9:00 am, Café DeGrasta

UCL Members Present: John Weber (Chair), Heidi Ardizzone, Charles Barber, Susan Blum, Edmund Edmonds, Parker Ladwig, David Leighton, Semion Lyandres, Brian Pitts (graduate student), John Robinson, David Smith, Larry Taylor, Gordon Wishon (ex officio), Ashlee Wright, Jennifer Younger (ex officio). Absent and excused: David Smith, Brian Pitts, Andrew Sommese, and Gordon Wishon (ex officio).

Observers / guests: Nigel Butterwick, Kim Tulley, Kitty Cooney Hoyer (recorder)

Call to order at 7:30 am by Chair, John Weber

1. Welcome and Introductions

UCL Chair John Weber welcomed new UCL member, Heidi Ardizzone, Assistant Professor, American Studies. He also introduced Kim Tulley, who indicated she has been appointed as the graduate student representative. Since Brian Pitts is already serving in that capacity, Kim will check with the GSU and with Brian on continuing representation. Weber extended

an invitation to Kim attend as an observer in the event Brian continues as the official GSU representative. Given her background, which includes a master’s degree in library science, Kim could add a unique perspective to UCL discussions.

Weber then briefly reviewed the meeting agenda and distributed three handouts to the committee—the 2005–2006 UCL Annual Report, the Library Task Force Report (draft), and the UCL Minutes of the September 8, 2006 UCL meeting.

2. Approval of minutes from September 8, 2006 meeting

Larry Taylor made a motion to approve the September 8, 2006 minutes. The motion was seconded by Charles Barber and was unanimously passed.

3. Chair’s Report—Approval of 2005–2006 UCL Annual Report

Weber noted that several changes have been made to the 2005–06 UCL Annual Report in an effort to compact the report and to eliminate redundancy. As in the past, in addition to submitting the report to the Academic Council, the report and the related Appendix will appear on the UCL web site. Ideally that Appendix, which overviews the macro library environment (as discussed in UCL meetings) would be updated each year. He suggested that present and future new members to the UCL may find the Appendix in its current and prospective future versions useful for gaining introductory exposure to the UCL and its deliberations. That Appendix could also provide useful information for interested members of the faculty at large. He indicated that he plans to complete the 2006–07 UCL Annual Report prior to the May 2007 UCL meeting—hoping for discussion and approval of the report at that meeting.

Weber asked members for their final comments on the 2005–06 UCL Annual Report (Revised Draft of 9/29/06). Susan Blum made a motion to approve the report subject to minor typographical and/or grammatical corrections. John Robinson seconded the motion and it was unanimously passed.

Regarding UCL future plans for 2007–08 academic year, Weber encouraged members to begin thinking about nominations for UCL Chair for 2007–2008.

4. Director's Report—Jennifer Younger

Younger announced that ND would be sending representatives to the upcoming Association of Research Libraries (ARL) forum "Improving Access to Publicly Funded Research" to be held in Washington, DC, on October 20, 2006. The forum will examine policy issues with a focus on improving access to scientific research. Sessions will include panel discussions on practical solutions including models for engaging and supporting faculty to improve access to their own research, and on new tools and economic models that libraries are using to foster institutional publishing programs. Younger will report back to the committee at the November '06 UCL meeting.

In response to an inquiry from Larry Taylor regarding the library's allocation of Fiesta Bowl proceeds, Younger briefly discussed the process by which the library's Fiesta Bowl funds were distributed. Those interested in more details were directed to several resources including an article in ND Works (Oct. 9, 2006), the UCL 2005–06 Annual Report (p. 12), as well as UCL minutes from spring, 2006. Younger also stated that she would create a link to this information from the UCL web site so that UCL members could refer faculty members there for additional detail on the process and the resulting distribution.

Younger reported on new assignments and current vacancies in the library. A new department has been created in the library to focus around art, architecture, music, and the performing arts (film, theatre and television). The head of the new Art and Architecture Department is Marsha Stevenson. Recruitment will soon be underway for library faculty positions for music & performing arts position and architecture. Cheri Smith, a Reference Librarian, has accepted the position of User Education Coordinator. Sherri Jones, former Life Sciences Librarian and head, Resource Delivery Department, has accepted the position of Head, Reference Department, Hesburgh Library. Ken Kinslow will serve as the acting head of the Resource Delivery Department through the academic year. Parker Ladwig has accepted the responsibility for the Life Sciences Library and will continue to serve as the Mathematics librarian. Combining these responsibilities will foster some synergies

in developing services for supporting all science students. Younger expressed her gratitude to all of these talented individuals for taking on new and/or additional duties. She noted that the library is always looking for ways to better utilize its limited human resources, indicating the importance of retaining the expertise of library faculty, while also offering new opportunities.

5. Space Needs—Younger

The library currently uses off-campus space (former NITA bldg.—at no cost to the library) to store some of its lesser used materials. Presently, the bulk of the space assigned to the library is being used to house the library's card catalog which dates back to 1852. The card catalog switched to a digital format about 1989. The card catalog has not been updated since and was moved from the Hesburgh Library to off-campus storage in 1999–2000. There have been no requests to access the card catalog since it has been moved. Younger described the card catalog as representative of research library catalogs as well as of the technology used to allow users to find what books and journals the library owned. To her knowledge, this card catalog does not have distinctive or unique properties. Other university libraries have also faced this issue with decisions being made to preserve or dispose of the card catalog largely based on space availability and the extent to which the catalog is a distinctive or unique example of card catalogs. The information about the books, journals and other materials in the library collections has been converted for electronic access and is readily available in the library's online catalog (also in WorldCat). The library also has a hard-copy of the shelf list (to 1989) which will be retained for the foreseeable future.

Younger is seeking UCL's advice on whether the library needs to continue to store the card catalog. The library is proposing to discard the catalog to make room for other more pressing needs, such as storage of newly acquired collections (while awaiting cataloging).

A lengthy discussion followed with several members questioning Younger on the possible historical and/or archival value of the catalog. She reiterated that there have been no documented requests to access the material for over 15 years, but agreed to

discuss the issue with University Archives and to report back in November. Susan Blum was concerned that doing away with the card catalog altogether seemed "so irrevocable" and asked if there were any possible alternatives to using the current space. The library is not charged for the current space, explained Younger, so she is reluctant to move the catalog to another area where they will be charged for rent. She agreed, however, to look into the storage situation further and report back to the committee with more specifics on the potential space savings and related cost estimates for storage alternatives.

Irrespective of any future decision on the materials, all were in agreement that a small portion of the catalog should be kept for display purposes and Ladwig agreed to assist Younger in identifying which sections to retain.

Summarizing the issue, Weber asked the minutes to reflect the following. 1. The old card catalog is not believed to be a unique or distinctive representation of research library card catalogs. 2. All information available in the card catalog is available via online resources. 3. Other research libraries nationwide are taking similar action, discarding their old catalogs. 4. The library has a critical need for the additional space now used by the old card catalog. 5. If the archived card catalog is discarded, a small portion of the catalog would be kept for display purposes to illustrate what kind of technology was used to provide access to library collections. 6. If plans to discard the card catalog are approved, there would be a plan for making the catalog cases and/or cards available, should anyone desire them.

Meeting Adjournment

Adjourned: 9:00 am.

The next meeting is scheduled for Fri., November 10, 7:30 am, at Café Degrastra.

Respectfully submitted,

Kitty Cooney Hoye
Recorder

University Committee on Library (UCL)

Minutes of the Meeting of
November 10, 2006

7:30–9:10 am, Café DeGrasta

UCL Members Present: John Weber (Chair), Heidi Ardizzone, Susan Blum, Parker Ladwig, David Leighton, Brian Pitts (graduate student), John Robinson, David Smith, Larry Taylor, Ashlee Wright, Jennifer Younger (ex officio). Absent and excused: Charles Barber, Edmund Edmonds, Semion Lyandres, Andrew Sommese, and Gordon Wishon (ex officio).

Observers / guests: Nigel Butterwick, Kitty Cooney Hoyer (recorder)

Call to order at 7:30 am by Chair, John Weber

Welcome and Agenda Review

Weber welcomed all in attendance and briefly reviewed the meeting agenda, noting that he will defer his Chair's report and move directly to Director's Report from Jennifer Younger.

Approval of minutes from October 12, 2006 meeting

Susan Blum motioned to approve the October 12, 2006 UCL Minutes. The motion was seconded by David Smith and was passed unanimously.

Director's Report—Jennifer Younger

UCL Annual Report and the Academic Council

Younger reported that the UCL Annual Report was distributed to the Academic Council. A graduate student member of the Council asked whether the library planned on enforcing the recently revamped Recall Policy. The student was very pleased upon hearing from Younger that the policy would indeed be enforced.

Maintaining or Disposing of the Old Card Catalog

Younger updated the UCL on the proposal to re-purpose space now occupied by the old card catalog. At the October meeting, Younger explained that the old card catalog was being stored in a facility off-campus and that the Library would like to use that space for other purposes such as storage of

new collections prior to cataloging (for details of that discussion, refer to Oct., 2006, UCL Minutes on UCL web-site). Younger indicated that, since the October 12 UCL meeting, she had consulted with staff at University Archives to determine if there was any historical value in maintaining the entire catalog. Wendy Clauson Schlereth, Director of University Archives, very much appreciated the consideration of the catalog as a University record and the consultation with the University Archives prior to making a final decision on the card catalog. Further, she noted that the University Archives had a copy of the catalog on microfilm made around 1970 and therefore the University Archives does not feel the need to retain the entire card catalog. She also suggested that perhaps any research interest in the materials could be pursued by accessing the microfilm or the current on line versions of the catalog.

Schlereth, like the UCL indicated in October, 2006, did express interest in keeping a small portion of the catalog for display purposes—e.g., a few drawers with notable historical cards. Parker Ladwig explained that he has been working with Gay Dannelly, Associate Director for Resources and Collection Services, to determine what portions of the card catalog might be of particular interest and/or historical value. David Smith suggested keeping a collection of cards from previous University presidents—adding they may have some development potential, not unlike the bricks that were sold during the stadium renovations.

New Valparaiso University Library

Younger reported on a recent *Wall Street Journal* article which focused on the newly constructed Valparaiso University Christopher Center for Library and Information Resources. She has received several calls on the article including one from a significant Notre Dame benefactor who has asked to tour the new facility. About ten members of the Notre Dame library staff have already visited the new library to see first hand the new library building.

The Chair asked for some of the key innovations in the new Valparaiso facility. The Valparaiso University Christopher Center, explained Younger, has integrated (or positioned adjacent to each other)

their computing services, reference and instructional services, as well as designated a first floor "community room" for use by the entire campus and surrounding local community. Valparaiso has also implemented "high density storage," which uses vertical storage (upwards of 30 feet) within the core of the building. This type of storage not only saves considerable space, but also allows for on-site storage of the entire collection. Responding to a question from Susan Blum, Nigel Butterwick explained that access to this part of the Valparaiso collection is "automated" and uses a paging system to retrieve materials. The ability to browse items on the shelf is available by searching the online catalog by call number. More current materials are still readily available in open stacks for those patrons who like to "roam the stacks."

Collaboration Among Indiana College and University Libraries

Younger described some of the ways Notre Dame Libraries work to share resources in cooperation with other Indiana colleges and universities. Although the concept of sharing has been around for many years, continued advances in digital delivery have made more timely delivery to the end user possible and this has supported a trend towards collaborative 'collection development' as well. For example, the Center for Research Libraries (CRL) located in Chicago, is a consortium of over 200 libraries that acquires traditional and digital resources owned by fewer than 5 other research libraries and makes them available to member institutions. In the last several years, the Center has begun on-demand scanning of journal articles and other materials (but not books) for desktop delivery to end users. The University Libraries and Kresge Law Library hold a joint membership in the Center.

Younger continued with mention of other collaborative and consortial activities in which the University Libraries is a participant. These included the Academic Libraries of Indiana (ALI) resource sharing projects, such as the reciprocal on-site borrowing privileges for all faculty and students; the Global Resources Network and in particular, the AAU/ARL sponsored Latin Americanist Research Resources Project (LARRP); the Michiana Academic Libraries Consortium (MALC) which is

comprised of the libraries at Notre Dame, St. Mary's, Holy Cross and Bethel; and RapidILL, which is a consortium of libraries committed to the timely delivery of journal articles. This is not a comprehensive list of all collaborative activities but rather an indicator of the trend toward more and more collaborative activities that are integral to the way in which the library is able to achieve its mission and goals.

The Center for Research Libraries is one instance of a shared initiative for preservation of books and journals in a tangible format. The Center serves as a light archive (meaning the journals can be loaned to users) for the journals stored in digital format in the scholarly journal archives known as JSTOR. Traditionally, many libraries, including Notre Dame, would automatically also preserve these journals in tangible format; however, with the advent of reliable electronic access and the need for more space for housing collections, we are determining that we can collectively preserve print journals. All research libraries do not have to individually house and preserve all of their print journals. John Weber observed that the sharing of the preservation of print and/or digital copies seems an effective use of resources. Younger agreed and noted that while we definitely want to preserve some print copies, we can do so with 20 copies in North America rather than continuing to hold one print copy at every research library. She noted then that the question for Notre Dame is determining what we preserve for our contribution to preserving the whole of scholarly literature. Weber asked if it is possible to share digital copies of journals. Younger replied that direct access to journals in electronic format is governed by licenses and that the University Libraries licenses access for the current Notre Dame community. On the other hand, the state of Indiana licenses a set of databases—known as INSPIRE—for all current residents of Indiana, which includes the entire Notre Dame community. Younger then noted that space for housing collections is rapidly becoming an issue and she anticipates setting up a task force to examine options on housing and preserving the Notre Dame print collections

Indiana Library Consortia to Share Federal Government Documents

Younger also discussed the new initiative for sharing tangible federal government documents within Indiana. Presently, Notre Dame, Purdue and Indiana University respectively, hold 65%, 60%, and 90% of all tangible federal government documents in their own collections. (These documents are actually “on loan” from the federal government, explained Younger, and in theory, can be “recalled” at any time but for most purposes, these documents are part of the library collections.) Looking forward, nearly all of government documents (92%) are now available electronically, although the library will continue to acquire some in print format for ease of use, so the discussion is focusing on the need for the long term preservation of the documents in tangible format. For local use, each library has in the past kept its own copy of these documents, but as the documents get older and the frequency of use declines, the long term preservation does not necessarily require multiple copies in Indiana of the same document. With IU holding over 90% of the entire collection in a secure, climate-controlled facility, Notre Dame will gather information on local use to determine if it can reduce its collection from the current 65%. The need for more space to house collections is the drive in cooperative preservation initiatives and there are different models. Younger described two scenarios to illustrate the situation. For example, Harvard University, she explained, continues to build new facilities to store and house its entire collections but it also rents space in its storage repository to other libraries. The nine university libraries in the University of California system, on the other hand, have engaged in an ambitious cooperative preservation program. They have built two storage repositories—northern and southern—to hold a duplicated, consolidated collection for all of the UC libraries.

Weber emphasized the long term benefits of such strategy to reduce or eliminate redundancy in collections—noting that the ND library will likely be more successful in its quest for additional resources if it can show in explicit terms how the library is aggressively attempting to use its current resources as efficiently as feasible.

Brian Pitts asked for space estimates on Notre Dame's current collection of

federal documents. Explaining that she is uncertain about the total amount of space allocated to these resources, Younger added “As we put together a Task Force, we will look at these types of questions.” The issue, she added, will also be discussed at the annual meeting of the Academic Libraries of Indiana (ALI).

Explanation of Allocation of Fiesta Bowl Revenues Is Now Posted on Library Web-site

On a final note, Younger informed the committee that a summary of the Fiesta Bowl revenue allocations is posted on the web <http://www.library.nd.edu/ucl/documents/Fiestabowlrevenue.pdf>

Other Topics

Using Library Web-Site for FAQs from UCL's Constituencies

Dave Smith complimented Younger on the concise summary and suggested the possibility of utilizing a “FAQ-type device” for other routine questions like those discussed regularly at UC meetings—for example, cooperative sharing, recall policy, electronic packages, and other key contemporary library issues. Doing so, added Smith is in keeping with the role of the UC, that is, “to communicate with our constituencies.”

A discussion on effective communication followed, with suggestions ranging from personal visits to continued use of email notifications sent to relevant UC constituencies. The issue, argued Younger, boils down to finding a way to reach people when they need or want it. Instead of overwhelming faculty with lengthy correspondence, Weber suggested using “hot links” within the email to direct interested parties to more complete information.

Task Force on the University of Notre Dame Libraries

Weber indicated that the purpose of keeping the Library Task Force Report on the UC agenda is to continue to solicit UC members' observations and/or questions and to develop an a more overt awareness of the specific recommendations in the report. For example, he called attention specifically to pages 3 and 4 of the Task Force Report for a discussion on library trends and recommendations. This prompted a discussion on the differences between “use of” and “access to” library services. Susan

Blum suggested that the cooperative use of federal resources is a good example of our need to better educate our faculty on key library issues. Some faculty members believe we must own resources to have access to them. In the new world of libraries, she said, it is vital that we teach our colleagues about these various alternatives. An additional brief discussion followed—asking Younger about policy and decision-making issues as well as budget allocations and recommendations addressed in the Task Force Report.

In the interest of time, the Chair recommended that the Library Task Force discussion stay on the agenda for future meetings.

Old / New Business—none

Meeting Adjournment

Adjourned at 9:10 am.

The next meeting is scheduled for Fri., December 8, 7:30 am, at Café DeGrasta.

Respectfully submitted,

Kitty Cooney Hoyer
Recorder

University Council for Academic Technologies

April 10, 2006—10:00 a.m.

331 Coleman-Morse

MINUTES

Members Present: Frank Collins, Rob Easley, Molly Gordon, Ben Gunty, Roger Jacobs, Tom Laughner, Dan Marmion, Bill McDonald, Harold Pace, Carole Pilkinton, John Sherman, John Uhran, Olaf Wiest, Gordon Wishon.

Members Absent: Alan DeFrees, Alex Hahn, Michael Kirsch, Dmitri Orlov, Mark Schurr, Robert Stevenson

Guests Present: Craig Brummell, Nigel Butterwick, Sara Exum.

Minutes Review

Members approved the minutes of the February meeting as written.

Student Concerns

Ben Gunty, the Student Body representative, reported that the group appointed a new chairperson for the Residence Life

committee, Patrick Knapp. The Residence Life committee deals with most of the issues of interest to the UCAT. Three items will be a priority for the coming year:

- (1) To keep looking at the printer situation, to evaluate how the dorm printers are used, whether to recommend more printing, and to publicize their presence to students;
- (2) Whether it would be effective to have a “cluster” in some residence halls (defining a “cluster” as a few computers, not large facilities like the OIT clusters);
- (3) The possibility of podcasts, so that professors can make their lectures or videos available on iTunes so students can download them.

Mr. Gunty mentioned that students are aware of—and are not overlooking—the possible impact on class attendance if the lectures are available outside of class.

Professor Roger Jacobs, Director of the Law Library, commented that in planning for their new building, the Law School planners are finding a substantial number of law schools around the country are eliminating their computer labs. Gordon Wishon responded that we’ve found that students don’t like to carry their laptops around campus, and that many times they need access to specialized software that they don’t personally own. This subject requires continual re-examination of the use of equipment and software across all of the computer labs. Professor John Uhran, Engineering, observed that technology is changing faster than we can keep up with it, and whatever mix we identify now will be much different tomorrow.

Courseware Update

Tom Laughner, Associate Director of OIT’s Educational Technologies & Services (ETS), reported that in an effort to identify all of the ways faculty and students use Courseware, the OIT surveyed 370 faculty who had at least 100 Kbytes in their AFS space, and had a 30% response rate. Most faculty are using Courseware to post syllabi, Word, Excel or PowerPoint files for their students to access. Subsequently Dr. Laughner and Molly Gordon, OIT’s ETS Director, conducted in-depth interviews with 12 faculty who indicated in the survey that they were using Courseware for more

unusual purposes, such as putting up executable programs for students to compile and run. Questions in the interviews included how faculty were using Courseware, how they and their students were accessing Courseware (from which computer operating systems, and from what locations), and how long faculty would like to have OIT retain old Courseware folders.

The Mendoza College of Business is moving its faculty and staff to NetFile. It is not yet certain whether NetFile can handle the demand that adding all of the Courseware functionality would place on it. With heavy use, there appears to be some performance degradation. As part of the Courseware investigation, it may be necessary to consider changing how Courseware folders are set up. Currently there are about 6,000 course files set up each semester (by default, one for every course section), and this places a big demand on the file structure. The team looking at Courseware is discussing making Courseware a by-request service, rather than a default for all courses. Dr. Laughner and Ms. Gordon are drafting a report of their findings from the survey and interviews.

University Libraries Hesburgh Computer Lab Relocation

Nigel Butterwick, the University Libraries Associate Director for User Services, outlined the planned relocation of OIT’s computer lab, currently housed on the second floor of the Hesburgh Library, to the first floor, adjacent to the reference desk. Representatives from ETS and the Hesburgh Library have met several times to discuss space, infrastructure, and proposed furniture. ETS plans to redesign the new location to incorporate more collaborative spaces and use a variety of furniture to provide both group and individual work areas. Plans are to open the lab in its new location by the beginning of Fall Semester classes in August.

Subcommittee Reports

• Course Management System Steering Committee

Professor Rob Easley distributed a report from the CMS Steering Committee with four specific components. First, the Committee decided to scale back Phase II and stay with Vista 3.0.6 rather than move to 4.0.x., because WebCT missed its

planned delivery date for the Vista migration tool. Purdue discovered in its testing of the beta version of the tool that there were problems with the migration of course data. The new delivery date is at least mid-April, and the Committee agreed that would not allow time for adequate testing. The new version of Vista also has a major change to the interface, which would require faculty to readjust, when they're getting comfortable with the current version. One of the OIT's WebCT Vista applications administrators is creating code to allow faculty to make their course sites available to students by a specific action, not by default as currently is the case.

Second, there has been progress on Phase II functionality in Self Service Banner. There was concern from the Vista End User group that this change would inconvenience faculty who are accustomed to working through course designers. Faculty use of InsideND is likely to increase when the Banner HR/Payroll module goes live in July and the link to Vista incorporates single sign-on from within InsideND. The committee recommends that there should be no accommodation to allow course designers or other non-instructors to access this functionality on behalf of the instructor of record, but that the OIT should offer training or assistance to help faculty understand this method of access.

Third, following a brief presentation on the open source CMS, Sakai, the Committee decided that any decision about pursuing open source solutions should be at the UCAT and CIO level. Factors to consider are a desire to minimize change for faculty, and uncertainty about the future of the merged Blackboard/WebCT. Prof. Easley pointed out that comparing a commercial product like Vista to an open source solution like Sakai is like comparing buying apples to joining a cooperative orchard and exchanging labor for free apples. In April 2007 our WebCT contract ends and the University will have to decide among alternatives before then.

Finally, investigation showed that there is no University policy on preserving supporting materials for grading decisions, so Vista administrators aren't required to archive any specific period of time. Current policy is to keep a year or so of past classes

primarily to use as a starting point for future classes.

The complete CMSSC report is on the UCAT website at <http://ucat.nd.edu/reports.htm>.

- **Software**—No report
- **Learning Spaces**—No report

Gordon Wishon reported that Sungard SCT has given strong indications that they would look to support an open source solution—probably Sakai, although this may not alleviate the concerns. Sakai does offer advantages as a collaboration platform, along with some benefits to the research community. The University should consider any alternative that offers benefits to students and faculty, and not reject anything out of hand without analysis.

Security Breach

In response to an inquiry, Mr. Wishon provided an update on the data security breach and remediation. Forensics conducted on the breached server provided conclusive evidence that the outflow of information did not include SSNs, but cannot say with certainty that the intruder did not view sensitive data.

The OIT has moved several servers behind the data center firewall, and is conducting scans of data stored in AFS and NetFile for evidence of patterns that would indicate the presence of sensitive information such as SSNs. The OIT is conducting a project known as Campus Information Technology Risk Assessment (CITRA). The OIT has issued a Request for Proposals, is evaluating vendor responses, and will make a recommendation to the Officers. The work requested is a combination of scanning and technical testing, with interviews to help identify where sensitive information is stored and how to remediate. The project is likely to take 3–6 months to complete, after which recommended remediation activities will begin.

There also is a parallel effort underway to make sure Notre Dame's credit card acceptance complies with Payment Card Industry standards. An audit has identified 78 separate merchant accounts, and 45 campus departments that accept credit cards. There is some discussion about consolidating these accounts to reduce

risk, along with an education/awareness campaign. A recent message from Provost Thomas Burish about securing SSNs is one example. Professor Jacobs asked whether he could have his own files examined, and Mr. Wishon responded that we hope to acquire tools to do this from the vendor we hire.

Renovare HR/Payroll Progress Report

Craig Brummell, Manager of the Renovare ERP Program, and Sara Exum, ERP Training Manager, presented a report on the Renovare Program and the HR/Payroll project. Mr. Brummell gave a brief overview of the Renovare Program. The OIT now is more than four-fifths through the program, and by the end of the year the program as originally scoped will be complete.

The HR/Payroll project "go live" is scheduled for July 1, 2006, and will have both policy and process impacts. The new Banner payroll processing will run in parallel with the old system between April and June. Ms. Exum showed a comparison between current processes involved in hiring and managing employees, and the way those processes will work in the new system, including some new features that are not currently available to employees or their managers. Ms. Exum reviewed the concept of position management, why the University will implement it, what will and will not change for departments, and dates when use of new forms and processes will begin. She also reviewed changes to forms and processes for the payroll and timekeeping part of the new system, and when those changes will be effective.

The complete HR/Payroll presentation is on the UCAT website at http://ucat.nd.edu/docs/2005-2006/HR_PR_Overview_UCAT_4_10.htm

There being no further business, Mr. Wishon adjourned the meeting at 11:35 a.m.

Spring Semester Meeting Remaining:

Wed., May 17—1:30–3:00 p.m., 331 Coleman-Morse

University Council for Academic Technologies

November 6, 2006 2:00—3:30 pm

Notre Dame Room, LaFortune

MINUTES

Members Present: Gordon Wishon (Chairperson), Craig Brummell, Ed Edmonds, Robert Easley, Alex Hahn, Oleg Kim, Bill McDonald, Dan Marmion, Mariana Montes, Harold Pace, Peggy Rowland, Mark Schurr, Robert Stevenson, Olaf Wiest.

Members Absent: Pascal Calarco, Frank Collins, Alan DeFrees, Mihir Sen.

Guests Present: Gary Dobbins, OIT.

1. **Call to Order:** UCAT chairperson Gordon Wishon called the meeting to order at 3:30 p.m., and welcomed new members Pascal Calarco, Oleg Kim, Mariana Montes, Mihir Sen, and Ed Edmonds to the UCAT.

2. Minutes Review

Members approved the minutes of the April 10, 2006 meeting as amended.

3. UCAT Annual Report 2005–2006

Members discussed the draft copy of the UCAT Annual Report distributed in advance. After minor revisions, the report will be posted on the UCAT web site.

4. Course Management Systems Steering Committee—Robert Easley, Chairperson

Professor Easley reported that the CMSSC met early in the semester to discuss the Blackboard (formerly WebCT) Vista product renewal. The current contract expires in April 2007, and there are several important decisions to make before renewing. There are concerns about the integration and stability of the product since Blackboard, Inc. acquired WebCT. There also are issues regarding the term of a new contract, the ability to acquire product enhancements, the scope of the subcommittee, and the continued lack of grade book integration with Banner. There has been some interest in exploring an open source solution.

Mr. Wishon met with Blackboard's Vice President for Customer Support and related our disappointment in the lack of integration with Banner's Student Information

System and concern about contract renewal. Blackboard gave a positive response but made no commitment. Mr. Wishon also reviewed Blackboard's 1999 patent and pending lawsuit against another CMS vendor, and the effect on open source alternatives. There also is concern that Notre Dame will not have adequate support from Blackboard.

Alex Hahn, Director of the Kaneb Center, reported that the Kaneb Center staff hear complaints about the complexity of Vista, and suggested we may need to find a less complicated alternative for faculty who have only basic course management needs.

Mr. Wishon asked the CMSSC to research alternatives, and to provide a recommended strategy and course of action by the end of the academic year. Craig Brummell, the OIT's Deputy CIO for Academic and Administrative Services, will assign OIT staff to work with the CMSSC on developing recommendations.

5. Subcommittee—Olaf Wiest, Chairperson

Professor Wiest reported that the subcommittee has not met in person, but resolved minor issues by email. He discussed a potential future agenda item for the subcommittee to discuss research software. Currently, research software requests go through the standard acquisition process, with at least two months needed for General Counsel's review. Consequently, faculty often bypass Procurement to shorten the turnaround time. We may need a separate process to handle requests for research software. Mr. Wishon also suggested involving the Vice President for Research in the discussion.

The subcommittee also will discuss a process to add and remove software titles from the cluster image. It may be possible to work with the University Bookstore to combine software requests with the book request process currently in place. Some preliminary research into this possibility occurred last year.

6. Committee on Research Computing (CRC) Advisory Council—Dewitt Latimer, Chairperson

In Dr. Latimer's absence, Mr. Wishon provided a report. We have been searching for a permanent Director since spring. From

a pool of good candidates, the Committee interviewed two, and made a recommendation to Mr. Wishon and the Vice President for Research. The University extended an offer to the recommended candidate, and should learn the candidate's decision by November 10, 2006. The intent is to have the Director in place by the end of this calendar year.

Sustained funding of the CRC is an ongoing challenge. The OIT, the Vice President for Research, and the Colleges of Arts & Letters, Engineering, and Science have contributed a total of \$1.3 million annually. Additional funding of \$1.65M for FY05/06, \$2M for FY06/07, and proposed \$2M for FY 07/08 come from a Federal grant to the North West Indiana Computational Grid, a joint project of Notre Dame, Purdue University, and the Department of Energy. The \$2M for FY06/07 is the University's share of a \$5M total project grant that is split between Purdue West Lafayette (at \$2M) and Purdue Calumet (at \$1M). The Provost will provide additional funding to subsidize operation of the Center for the initial five year period during which the Center will develop a model for sustained funding.

Mr. Wishon reported that the Top500 Project (www.top500.org) ranked the CRC's supercomputer cluster at number 342 of the top 500 fastest supercomputers in the world in the Spring 2006 rankings and the same cluster fell to 480 in the Winter 06 rankings.

More detailed minutes of the CRC Faculty Advisory meeting can be found at http://crc.nd.edu/partners/crc_fac_advisory.shtml

7. **OIT Reorganization—Gordon Wishon** Mr. Wishon reported that in June 2006, the OIT leadership realigned the organization's structure in a move designed to better serve and collaborate with campus computer users and stakeholders. The change created two major operational divisions, each reporting to a Deputy CIO, and a centralized administrative unit. These three divisions, in addition to the Information Security group, will report to the CIO.

Under the streamlined structure, Assistant Vice President/Assistant Provost and Chief Technology Officer (CTO) Dewitt Latimer leads Infrastructure Services. This division

will develop and sustain Notre Dame's central systems and IT infrastructure, and is responsible for technical development and maintenance of the University computer servers, the data center, networks, campus cable TV, telecommunications and database administration.

Newly appointed Assistant Vice President Craig Brummell will serve as a Deputy CIO for Academic and Administrative Services (AAS). Mr. Brummell will lead the "customer-facing" OIT functional areas of Academic Services, Distributed Support Services, Enterprise Systems, IT Project Services, the Help Desk and Technical Training.

Craig Fitch, Director of IT Administration and Assistant to the CIO, will lead the administrative and business functions of the OIT. IT Administration includes Auxiliary Services, Contracts and Licensing, Budget Management, Policy, IT Strategy, and Communications.

The OIT still is addressing the concern regarding visibility of educational technology with the elimination of the Educational Technologies & Services (ETS) Division. Mr. Wishon assured members that the OIT will continue to adjust the organization to ensure a continued level of support for the needs of faculty and students. Dr. Tom Laughner, formerly Associate Director of ETS, has accepted a position as Director of Academic Technology at Smith College. Bob Price, formerly the Manager of Teaching & Learning Technologies, has accepted a position at Duke University as Director of Educational Technologies. The loss of their expertise is significant, but comes with recognition that other institutions find our staff valuable. Mr. Brummell and Peggy Rowland, Director of Customer Support Services, are reviewing organizational needs before making personnel replacement decisions.

Professor Bob Stevenson, Electrical Engineering, asked how he can ensure he interacts with the right individual within the OIT to address issues when they arise. He suggested the need for more clarity about whom to contact within the OIT. The College of Engineering is concerned about some of the changes that OIT is considering that may negatively impact the College. Mr. Wishon stated that the OIT is sensitive

to these concerns from all of the colleges, and promised that the OIT will continue to work with them to consider ideas, proposals and plans.

8. Campus IT Risk Assessment (CITRA)—Gary Dobbins

Gary Dobbins, the OIT Director of Information Security, distributed the executive presentation with summary results from the Campus IT Risk Assessment that Ernst & Young conducted. The assessment concluded that the University should:

- Develop an overall information security "framework" of policies and standards
- Improve classification and handling of sensitive information
- Improve Access Control
- Develop an Encryption Strategy
- Implement and enforce device configuration standards
- Improve physical security
- Develop a technical security architecture
- Improve disaster recovery and business continuity planning
- Promote awareness of information security and improve compliance with policies and standards

As a response to the CITRA findings, the OIT is engaged in several important security projects, including drafting an Information Security Policy, including classification and handling standards for sensitive information; a Credit Card Support Program; implementing standards for network-attached devices; additional information security statements for procurement of IT goods and services; improved network border firewall security; an Archives and Records Management policy and procedures; and others. The OIT distributed software to allow individuals to scan their own systems for credit card or Social Security numbers.

Mr. Wishon announced the formation of a new University committee, Crisis Planning, that will make recommendations on mitigating risks associated with pandemics, tornadoes, other crises, safety, business continuity of critical systems such as payroll. There was a discussion of the lightning strike that hit the ITC and interrupted ser-

vices. Mr. Wishon said that an act of God can't be avoided, and that the level of design of the infrastructure suggests we had done everything we could have. Shortly after midnight, the OIT switched from campus power to emergency power and had 90% of the systems back up by 8:00 a.m.

9. Call for future agenda topics

Gordon Wishon requested suggestions for future agenda items. He would like the UCAT to not only hear project reports and updates, but to also actively consider and work on faculty issues and needs. Members raised the following topics for future discussion:

- The Student Government ResLife committee would appreciate information on cell phone coverage in dorms, wireless, installing computer clusters in Residence Halls, the need for additional printers in the dorms, podcasting, iTunes.
- A process for developing and reviewing software policies
- A process for reviewing OIT organizational changes with the academy

Adjournment: Gordon Wishon adjourned the meeting at 3:30 p.m.

Next Meeting:

Friday, December 8, 2006, 11:00 am—12:30 p.m.

Notre Dame Room, LaFortune

University Committee on Women Faculty and Students

University of Notre Dame

Meeting of October 10, 2006

Members present: Doris Bergen (chair), Sr. Susan Dunn, OP, Rev. Patrick Gaffney, C.S.C., Mackay Gunn, Amber Handy, Sallie Hood, Jessica Kayongo, Jean Ann Linney, Mary Ann McDowell, Kevin Misiewicz, Salma Saddawi

Members absent: Leilani Arthurs, Elizabeth Clifton, Sharon Hu, Jackie Smith, Carol Tanner

Guests present: Jill Bodensteiner, Associate Vice President and Counsel; Jannifer Crittendon, Director, Office of Institutional Equity; Cathy Pieronek, Director, Academic Affairs, Dean's Office, College of Engineering; Heather Rakoczy, Director, Gender Relations Center

Observers present: Mary Hendriksen, reporter

Prof. Bergen, chair of the University Committee on Women Faculty and Students, called the meeting to order at 11:05 a.m.

1. Minutes of the meeting of 2005: The minutes of the meeting of May 4, 2006, were approved without change.

2. Collection of UCWFS areas of interest and establishment of subcommittees: In this first meeting of the 2006–2007 academic year, Prof. Bergen led an hour's discussion in which members identified issues and concerns they believe the Committee should address this year.

Hiring and retention of women faculty: Several members identified hiring and retention of women faculty as a concern. Corollary topics identified were: training of search committees, spousal employment (including the question of whether women are treated differently in University efforts to help secure employment for a spouse); family issues (e.g., infant care, facilitating commuting to Chicago; enhancing family life at Notre Dame); and accountability/evaluation of deans and department chairs on their records of hiring and retention of women faculty.

Graduate student health insurance: Another topic mentioned by many members was improving graduate student health insurance, including health insurance for family members.

Sexual assault, sexual health, and health issues: In addition to issues of sexual assault, members raised concerns about problems/deficiencies on campus related to women's sexual health—e.g., the absence of a gynecologist at the University's health center—and general health—e.g., the prevalence of eating disorders on campus. Additionally, a member called attention to the difficulties faced by undergraduate women with infants or young children.

As members discussed the various topics in more detail, two additional points were raised:

(a) First, Prof. Linney commented that no one in any decisionmaking role at the University was opposed to improvement in any area mentioned. Attention is already being paid to all these issues, she said; yet, resolution of any particular problem is often tied to limited resources. She cited infant care as a case in point. The cost of adding infant care to the list of services at the University's Early Childhood Development Center (which now serves children age two through kindergarten) has been estimated to be as much as \$2.5 million.

Prof. Bergen observed that attention should be paid to creative and lower-cost solutions to each of the concerns raised. Examples can be found at the University of Chicago, where the university found ways to support provision of infant care in the community, and the University of Toronto, where a Family Resources Center provides information about infant-care providers.

Ms. Pieronek commented that when considering lower-cost solutions, some direction should be sought in the presentation of Dr. Nancy Ferris of the Eastman Kodak Company at the Committee's May 2006 meeting. In her presentation, Dr. Ferris addressed ways some corporations (including Eastman Kodak, General Electric, DuPont, Xerox, and Bausch and Lomb) have redefined the promotion process in the past 20 years to better accommodate women. Thus, Ms. Pieronek said, in the case of the debate over infant care, the University should consider as well a strategy of instituting more flexible work policies for parents who would prefer to care for their infants themselves.

(b) Second, Prof. McDowell began a discussion of how the University Committee on Women Faculty and Students might be "retooled" to function more as an oversight committee. Under the Academic Articles, the Committee is merely "advisory" in nature now. Members also discussed how the Committee's efforts could be magnified by coordinating with other groups on campus—for example, WATCH.

Members pointed out that because the Committee has representation from all colleges at the University, even the simple act of sharing information can occasionally

lead to change. A good example is the dramatic improvement in gender salary equity that resulted several years ago from the public sharing of salary information by women and the subsequent Provost's Office agreement to conduct a study of gender equity and salaries of Notre Dame faculty.

After the discussion, members grouped themselves into four different subcommittees. (Members not able to be present at today's meeting joined the various groups in the weeks following.) Prof. Bergen said that the task of each subcommittee is to brainstorm around its particular issue, then formulate a strategy for a plan of action.

A point to note concerning hiring and retention of women faculty—a topic on which several members raised concerns—is that members agreed that rather than forming a subcommittee on this topic, they would focus their efforts on assisting initiatives under way by Jannifer Crittendon, director of the University's Office of Institutional Equity.

Graduate student health insurance

Kevin Misiewicz (Accountancy)
Jill Bodensteiner (Office of General Counsel)
Amber Handy (GSU)
Sharon Hu (Computer Science and Eng)
Sr. Susan Dunn (Student Affairs)

Retooling UCWFS as an oversight committee

Mary Ann McDowell (Biological Sciences)
Jannifer Crittendon (Institutional Equity)
Catherine Pieronek (Academic Affairs, Dean's Office, Engineering)
Leilani Arthurs (GSU)
Jackie Smith (Sociology)

Family issues (e.g. infant care, facilitating commuting to Chicago)

Patrick Gaffney, CSC (Anthropology)
Sallie Hood (Architecture)
Jessica Kayongo (Libraries)
Elizabeth Clifton (Undergrad rep)
Salma Saddawi (Engineering)

Sexual health (health affairs, sexual assault, etc.)

Heather Rakoczy (Gender Relations Center)
Mackay Gunn (Student)
Amy Barrett (Law School)

(4) **Election of a new UCWFS chair:** Prof. Bergen announced that she will be leaving Notre Dame at the end of December to take a position at the University of Toronto as the Chancellor Rose and Ray Wolfe Professor of Holocaust Studies. Thus, members must elect a new chair to head the Committee beginning in January 2007. All tenured members of the committee, whether elected or appointed, are eligible. Prof. Bergen said that she will contact every member on that rather short list to ask whether they are willing to let their name stand for election. She will aim to hold the election at the November UCWFS meeting.

There being no further business, Prof. Bergen adjourned the meeting at 12:10 p.m.

University Committee on Women Faculty and Students

University of Notre Dame

Meeting of November 10, 2006

Members present: Doris Bergen (chair), Leilani Arthurs, Elizabeth Clifton, Sr. Susan Dunn, O.P., Amber Handy, Jessica Kayongo, Jean Ann Linney, Mary Ann McDowell, Kevin Misiewicz, Salma Saddawi, Carol Tanner

Members absent: Amy Barrett, Rev. Patrick Gaffney, C.S.C., Sallie Hood, Mackay Jennifer Gunn, Sharon Hu, Jackie Smith

Guests: Jannifer Crittendon, Director, Office of Institutional Equity; Dayle Núñez, Associate Dean for Strategic Planning, Advancement, Infrastructure, and Special Projects, College of Arts and Letters; Heather Rakoczy, Director, Gender Relations Center

Prof. Bergen, chair of the University Committee on Women Faculty and Students, opened the meeting at 1:40 p.m.

1. **Minutes of the meeting of October 10, 2006:** With two minor corrections, the minutes of the meeting of October 10, 2006, were approved.

2. Committee reports:

(a) *Graduate student health insurance:* Ms. Handy said that the Graduate Student Union is beginning to construct a survey

to ascertain its constituents' current health-care needs. The last survey was conducted in 2001. She noted that many families of graduate students rely on state services for healthcare.

Sr. Dunn said that she and Jill Bodensteiner, associate vice president and counsel as well as a "permanent guest" member of the UCWFS, are part of an advisory committee dealing intensively this academic year with the issue of graduate student health care. Some benchmarking has occurred already and more is to be undertaken this term.

(b) *Retooling the UCWFS as an oversight committee:* Prof. McDowell discussed the possibility of using "report cards" that would evaluate each dean and department chair on their record of interviewing, hiring, and retaining women.

Ms. Crittendon said the Office of Institutional Equity has placement goals, tied to the University's affirmative action plans, for each college and department, and these could be used for oversight purposes as well.

Prof. Bergen encouraged Ms. Crittendon to visit departments as a whole, not only department chairs, to discuss hiring priorities and strategies.

(c) *Sexual health:* Ms. Rakoczy related that, this year, subcommittee members will most likely take as their focus how best to combat sexual assault. Last year, the focus was more on generalized "sexual health"—for example, the need for a gynecologist on the staff of the University Health Center.

3. **Discussion of the report and recommendations of the Arts and Letters teaching-and-research women's focus groups:** Along with other members of a steering group, Dayle Núñez, Associate Dean for Strategic Planning, Advancement, Infrastructure, and Special Projects of the College of Arts and Letters, organized a series of focus groups during Spring semester 2006 on practices that (1) promote a supportive environment for current teaching-and-research women faculty in the College of Arts and Letters, and (2) could lead as well to the hiring of additional women faculty.

Some focus groups addressed the theme of retention; others dealt with recruitment and hiring; and still others were open to general concerns of women faculty.

A report was prepared after the focus groups met; it is now posted on the Arts and Letters Web site and available to members of the University community. See <http://al.nd.edu/resources-for/faculty-and-staff/> [scroll to "Committee Reports"]. At today's meeting, Prof. Núñez provided copies of the report, highlighted some of its 20 recommendations, and invited discussion.

Committee members' first took up a proposal of the Arts and Letters working group for a Family Services Office to deal with spousal hiring and general "family service" issues. Both Profs. Núñez and McDowell identified spousal hiring as a significant problem at Notre Dame. Prof. McDowell wondered if candidates are hesitant to contact Human Resources to seek help with spousal employment.

Prof. Bergen observed that Notre Dame's practices in the spousal hiring area are in sharp contrast to the University of Toronto—just to name one institution. There, candidates need not actively seek out the services of the university's Family Resources Center; rather, as a matter of course, each candidate is scheduled for an appointment to discuss housing, childcare, and spousal employment needs. Prof. Bergen said that services of this nature could be available to all Notre Dame faculty candidates—male and female—and would display a welcoming attitude on the part of the University.

Members discussed the possibility of retooling HR's current structure so as to best offer an array of services needed by faculty with families. The general consensus was that, as recommended in the Arts and Letters report, the ideal would be a centralized office to deal with spousal employment, childcare, transportation issues, etc.

Connected to the subject of retention, Committee members next addressed the working group's recommendation for "articulat[ing] an effective process of exit interviews" for departing faculty, with accompanying "qualitative and quantitative analyses of information gathered."

Prof. Linney said that now, roughly half of faculty follow through on the provost's office's request for an exit interview. Once they have made a decision to leave, she explained, most faculty want to leave without lengthy explanation. And, in her

experience, when interviews are held, most faculty members describe their departure as unrelated to a particular negative experience but, rather, as “a very personal decision.”

In addition, Prof. Linney addressed recommendations in the report for stepped-up mentoring programs. She said that since her arrival at Notre Dame three years ago, she has undertaken significant mentoring initiatives—with a very weak response on the part of new faculty. Most report that they are “too busy” to attend scheduled mentoring meetings, workshops, or functions.

Prof. Núñez suggested that mentoring might occur more successfully at the college or department level. She noted that the report shows that women leave Notre Dame in numbers twice as high as their male counterparts.

Ms. Crittendon said that perhaps her office, the Office of Institutional Equity, might be a better forum for exit interviews. Departing faculty might view that office more objectively and as less likely to exert any impact on their academic careers.

Returning to the subject of spousal hiring, Prof. Linney announced that the Provost has dedicated \$1 million to endow the position of a spousal employment coordinator within the Human Resources Department. While this service has been available at Notre Dame the last several years, once a new appointment is made, the office should become more visible and accessible. The spousal employment service will provide access to positions within Notre Dame for the spouses of faculty and staff members under consideration for a position at the University and facilitate information sharing and networking with other regional employers. Prof. Linney also announced that John Affleck-Graves’ office is surveying the campus community, including graduate students, regarding childcare needs.

Ms. Handy asked if the spousal employment office might work with graduate students as well. Prof. Linney replied that the current priority is faculty and administrative staff.

Ms. Clifton asked why the spousal employment service is not associated with the Career Center. Prof. Linney responded that

the Center deals primarily with internships and first jobs for students.

Finally, members discussed the possibility of a shuttlebus service to and from Chicago in response to the Arts and Letters’ working group’s recommendation for that service. Prof. Linney believed that the cost would be too high per passenger for many potential riders to find it attractive. One member suggested that a van, rather than a United Limo-type bus, would be less costly; other suggestions were that the University subsidize the cost of the ticket or that non-University-affiliated passengers might join the service as well, thus lowering the cost.

4. Election of a new Committee chair:

Prof. Bergen announced that she has had no response to her query to the membership for volunteers willing to stand for election for the position of chair of the Committee. As she will be leaving the University after this term, a replacement within the ranks of tenured faculty—admittedly, a small pool—is necessary. She will continue to make queries before the next meeting, December 8.

There being no further business, Prof. Bergen adjourned the meeting at 2:45 p.m.

Research

Awards and Proposal Summary

10/01/2006 to 10/31/2006

Awards Received

Category	No.	Amount
Research	24	\$3,706,103
Total:	24	\$3,706,103

Proposals Submitted

Category	No.	Amount
Research	82	\$30,872,786
Instructional Programs	1	\$450,386
Total:	83	\$31,323,172

October 2006 Cumulative summary

Awards Received

	07.01.2004 - 10.31.2004		07.01.2005 - 10.31.2005		07.01.2006 - 10.31.2006	
Category	No.	Amount	No.	Amount	No.	Amount
Research	145	\$35,725,955	129	\$24,985,332	163	\$28,239,468
Facilities and Equipment						
Instructional Programs					4	\$591,775
Other Programs						
Service Programs						
Total:	145	\$35,725,955	129	\$24,985,332	167	\$28,831,243

Proposals Submitted

	07.01.2004 - 10.31.2004		07.01.2005 - 10.31.2005		07.01.2006 - 10.31.2006	
Category	No.	Amount	No.	Amount	No.	Amount
Research	246	\$77,662,979	273	\$60,160,951	275	\$80,638,886
Facilities and Equipment						
Instructional Programs	7	\$2,420,561	3	\$2,227,613	11	\$816,722
Other Programs			1	\$5,000		
Service Programs						
Total:	253	\$80,083,540	277	\$62,393,564	286	\$81,455,608

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

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

Awards received during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Schmid, Steven R.	Ironability of Novel Three-Layered Polymer Coated Steels	Corporate Funding	\$5,838	2
Department or Office:	Biological Sciences			
Lodge, David M.	Aquatic Invasive Species Research: Economic Impact of Ballast Water-Mediate Invasive Species	University of Illinois-Urbana-Champaign	\$149,863	9
Severson, David W. (Center or Institute)	Genetic Strategies for Control of Dengue Virus Transmission	University of California-Irvine	\$45,248	24
Streit, Thomas G. (Center or Institute)	Asante Foundation Grant in Support of the Haiti Project	Private Foundation	\$50,000	12
Suckow, Mark A. (Center or Institute)	Development of Imaging Agents	Corporate Funding	\$4,836	12
Department or Office:	Chemistry and Biochemistry			
Clark, Patricia L.	Influence of Translation on Protein Folding	National Institutes of Health	\$272,477	48
Kamat, Prashant V. (Center or Institute)	Photochemical Solar Cells	Corporate Funding	\$20,000	24
Smith, Bradley D.	Measuring the Efficacy of Anticancer Drugs in the Early Stages of Treatment	Private Foundation	\$106,800	15
Taylor, Richard E. (Center or Institute)	Production of a Novel, Specific Analog of, and an Advanced Intermediate for, Myriaporone	Corporate Funding	\$25,000	1
Department or Office:	Civil Engineering and Geological Sciences			
Kurama, Yahya C.	Design of Anchorages for Unbonded Post-Tensioning Strands in Seismic Regions	Private Foundation	\$20,000	18
Department or Office:	Electrical Engineering			
Merz, James L. (Center or Institute)	Directed Assembly of Epitaxial Semiconductor Nanostructures	University of Virginia	\$20,000	83
Porod, Wolfgang (Center or Institute)	Physically-Coupled Nanostructures for Locally-Interconnected Circuit Architectures	Department of Navy	\$135,000	48

Awards received during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: 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	48
Department or Office: Mathematics				
Polini, Claudia	Cores, Intergral Closures and Blowup Algebra	National Security Agency	\$14,994	24
Department or Office: Office of Information Technologies				
Wishon, Gordon D. Kogge, Peter M. Latimer, Dewitt A.	Northwest Indiana Computation Grid (NWIC-Grid)	Department of Energy	\$1,980,000	60
Department or Office: Physics				
Balsara, Dinshaw S. (Center or Institute) Howk, Jay C.	The Interaction of Supernova Remnant Shocks with Interstellar Clouds	National Aeronautics and Space Administration	\$58,999	24
Bigi, Ikaros I.	Subtle Tests of the Standard Model & Probes for New Physics	National Science Foundation	\$50,000	35
Hildreth, Michael D.	Faculty Leave Salary	Fermi National Laboratory	\$49,600	6
Ruchti, Randal C.	IPA Agreement	National Science Foundation	\$197,014	12
Department or Office: Radiation Laboratory				
Hug, Gordon L. (Center or Institute)	New Biologically Relevant Sulfur Radical Cation Chemistry	University of Arizona	\$7,725	12
Department or Office: Sociology				
Cardenas, Gilberto (Center or Institute) Ready, Timothy	Children and Families in Latino Communities	Private Foundation	\$90,000	12
Department or Office: The Graduate School (Other)				
Akai, Terrence J.	Graduate Research Fellowship Program - AY2006-07	National Science Foundation	\$121,500	60
Department or Office: Theology				
Groody, Daniel G. (Center or Institute)	Guadalupe: Madre de America: Narrative, Image and Devotion	Private Foundation	\$20,000	12
Department or Office: University Security				
Sikorski, Irvin F.	Security Cameras for Football Stadium	Indiana Department of Homeland Security	\$66,209	3

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Corke, Thomas C.	Truck Tractor and Trailer Aerodynamic Drag Reduction Using Single Dielectric Barrier Discharge (SDBD) Plasma Actuators	Corporate Funding	\$109,424	12
Corona, Edmundo	Collaborative Research: Design and Manufacturing of Open Cell Foam Supported Sheet Metal Parts	Texas A & M University	\$167,022	36
Jumper, Eric J. Cavalieri, David	Optical Propagation Improvement System (OPIS)	Corporate Funding	\$290,000	24
Renaud, John E.	Nonlinear Transient Vehicle Crashworthiness Design Using a Hybrid Cellular Automaton Algorithm	National Science Foundation	\$270,816	36
Renaud, John E. Tomar, Vikas	Multiscale Design Tool Development for High Performance Nanocomposites	National Science Foundation	\$473,718	36
Tomar, Vikas	Investigating the Molecular Origins of Bone Micro-damage, Fracture and Healing Using Experimentally Verifiable Computational Schemes	National Institutes of Health	\$67,618	12
Tomar, Vikas	Cohesive Finite Element Modeling of Dual Phase Bi-Modal Polycrystalline SiC-Si3Nr Nanocomposites Based on Atomistic Deformation Mechanisms	National Science Foundation	\$302,931	36
Department or Office:	American Studies			
Meissner, Collin	Capital Crimes	Private Foundation	\$30,000	12
Meissner, Collin	Capital Crimes	Private Foundation	\$40,000	11
Department or Office:	Architecture			
Mayernik, David T.	Paris & Enlightenment Architecture	Private Foundation	\$20,000	1
Department or Office:	Biological Sciences			
Hellmann, Jessica J.	Predicting the Impact of Climate Change on Animal Distributions: The Importance of	Department of Energy	\$166,261	12

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Lamberti, Gary A.	Effects of Exotic Earthworms (Lumbricidae) on Nutrient Dynamics in Linked Terrestrial-aquatic Ecosystems	Private Foundation	\$969	12
Li, Lei	Characterization of Dominant Night Blindness Mutations in Zebrafish	National Institutes of Health	\$375,000	12
Department or Office:	Chemical and Biomolecular Engineering			
Bohn, Paul W.	Center for Advanced Materials for Water Purification with Systems	University of Illinois-Urbana-Champaign	\$120,000	15
Bohn, Paul W.	MultiDimensional Surface Enhanced Sensing and Spectroscopy	Northwestern University	\$45,212	6
Bohn, Paul W.	Microfluidic Sensor for Heavy Metals	U.S. Army Corps of Engineers	\$123,100	24
Bohn, Paul W.	In Silico Biomimetic Sensor for Rapid Testing of Water Resources	U.S. Army Corps of Engineers	\$49,949	12
Department or Office:	Chemistry and Biochemistry			
Carmichael, Ian C. Bentley, John J. Meisel, Dan LaVerne, Jay A. Madden, Keith P. Chipman, Daniel M. Kamat, Prashant V. Bartels, David M.	Radiation and Photochemistry in the Condensed Phase and at Interfaces	Department of Energy	\$16,399,157	36
DuBois, Jennifer	Microbial Biosynthesis of Aerobactin: An Iron Chelator, Virulence Factor, and Antimicrobial Target	National Institutes of Health	\$187,500	12
Department or Office:	Civil Engineering and Geological Sciences			
Silliman, Stephen E. Neal, Clive R. Fein, Jeremy B.	International Research and Educational Initiative in Water Resources: Two Case Studies in Benin, West Africa	National Science Foundation	\$0	60
Westerink, Joannes J.	Development of a Gulf of Mexico Storm Surge Model from Texas to Florida.	Corporate Funding	\$53,661	12

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Classics, The				
Sheerin, Daniel J.	The Distichs of Cato	Private Foundation	\$20,000	36
Department or Office: Computer Science & Engineering				
Brockman, Jay B. Niemier, Michael T. Kogge, Peter M.	Multi-core Architectural Support for pGAS Programming Models.	National Science Foundation	\$465,647	36
Hu, Xiaobo Porod, Wolfgang Lieberman, Marya	Reconfiguration and Defect Tolerance in Quantum-dot Cellular Automata Based Nano-Devices	National Science Foundation	\$374,713	36
Izaguirre, Jesus A.	Computational Biology End Station	University of Tennessee-Knoxville	\$200,000	24
Poellabauer, Christian	Cross-Layer Adaptations for Energy- and Latency-Aware Wireless Sensor Nodes	National Science Foundation	\$441,991	36
Poellabauer, Christian Striegel, Aaron	Feedback-Based Energy Management in Real-Time MANETs	National Science Foundation	\$544,120	36
Department or Office: Electrical Engineering				
Collins, Oliver M.	A Practical Approach to the Multi-User Fading Channel w/o Channel State Information	National Science Foundation	\$481,331	36
Fay, Patrick J.	X-Band InGaP HBT T/R Modules, Phase II	Corporate Funding	\$50,000	17
Jena, Debdeep	Mitigating Hot Phonon Effects in GaN-Based High Electron Mobility Transistors	Lehigh University	\$95,000	6
Jena, Debdeep Xing, Huili	Ultrafast Transistors by Nanoscale Optical Phonon Engineering	National Science Foundation	\$437,861	36
Kosel, Thomas H.	TEM and Electrical Characterization of Rapid-melt-grown Tunnel Junction Technology	National Science Foundation	\$253,864	36
Merz, James L. Jena, Debdeep Hall, Douglas C. Mintairov, Alexander Kuno, Masaru K.	PIRE: Nanophotonics: Fundamental Research, Devices, and Educational Initiatives	National Science Foundation	\$0	60

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Porod, Wolfgang Seabaugh, Alan C. Lieberman, Marya Xing, Huili	PIRE: Spatio-Temporal Sensory Computers	National Science Foundation	\$0	60
Seabaugh, Alan C.	Piezoflexure-enabled Nanofabrication	National Science Foundation	\$269,521	36
Snider, Gregory L.	Silicon-Based Structures for Quantum Computing and Quantum-dot Cellular Automata	National Science Foundation	\$262,139	36
Department or Office:	English			
Ellmann, Maud	Modernist Returns: Recirculation in James, Woolf, Joyce, and Freud	National Humanities Center	\$45,000	9
Ellmann, Maud	Modernist Returns: Recirculation in James, Woolf, Joyce, and Freud	Private Foundation	\$60,000	9
Kerby-Fulton, Kathryn E.	Professional Reading Circles and the Rise of English Literature	Private Foundation	\$35,000	9
Department or Office:	Film, Television, and Theatre			
Arons, Wendy	Simple Acts: Performance and Sustainability	Private Foundation	\$30,000	9
Arons, Wendy	Simple Acts: Performance and Sustainability	Private Foundation	\$30,000	12
Arons, Wendy	Simple Acts: Performance and Sustainability	Private Foundation	\$80,722	12
Department or Office:	German and Russian Languages and Literatures			
Hosle, Vittorio G.	Forms of Correct Interpretation.	Private Foundation	\$0	
Department or Office:	History			
Beatty, Edward N.	Technology and Society in Mexico, ca. 1850-1920	Private Foundation	\$35,000	9
Kaufman, Asher	Mapping Greater Syria: Boundaries, Identities and Conflict in Syria, Lebanon and Israel/Palestine.	National Humanities Center	\$30,000	12
Noble, Thomas F.	Enhancing Byzantine Studies at the University of Notre Dame.	National Endowment for the Humanities	\$1,000,000	57
Department or Office:	Keough Institute for Irish Studies			
Wilkinson, John L.	Rickett's Blue	National Humanities Center	\$45,000	10

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office:	Law School			
Rosales, Alisa M.	Notre Dame Law School Alternative Spring Break Project	Private Foundation	\$5,815	0
Department or Office:	Mathematics			
Barron, Katrina D.	Vertex Operator Superalgebras, Twisted Modules, and the Geometry of Superconformal Field Theory	National Security Agency	\$33,386	24
Evens, Samuel R.	Algebraic Groups and Poisson Geometry	National Security Agency	\$35,895	24
Nicolaescu, Liviu	Morse-Floer Homology	National Science Foundation	\$87,725	36
Starchenko, Sergei	Topics in O-Minimal Structures	National Science Foundation	\$612,274	60
Xavier, Frederico J.	Applications of Analysis to Geometric Problems	National Science Foundation	\$337,196	36
Department or Office:	Philosophy			
Blanchette, Patricia A.	A Fregean Conception of Logic	Private Foundation	\$40,000	9
Blanchette, Patricia A.	A Fregean Conception of Logic	Private Foundation	\$40,000	9
Brading, Katherine A.	Structuralist Approaches to Physics	Private Foundation	\$30,000	12
Department or Office:	Physics			
Barabasi, Albert-Laszlo	Integrated Metabolic Pathways in Schizophrenia	Duke University	\$45,000	12
Blackstead, Howard A.	Routes to Efficient Synthesis of Superconducting Ba ₂ YRu _{1-x} Cu _x O ₆	University of Missouri	\$328,555	36
Collon, Philippe A.	Study of Argon for WIMP Dark Matter Detectors and Earth Sciences	Princeton University	\$16,733	36
Karmgard, Daniel J. Wayne, Mitchell R.	USCMS Education and Outreach	University of California-Los Angeles	\$99,737	12
Newman, Kathie E.	Computer Simulations of Nonwire Growth by the Solution-Liquid-Solid Method	Private Foundation	\$19,163	24
Sakimoto, Philip J.	Enabling Navajo Skies	National Aeronautics and Space Administration	\$50,000	24
Wayne, Mitchell R. Karmgard, Daniel J.	USCMS Education and Outreach	University of California-Los Angeles	\$97,399	16

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Wayne, Mitchell R.	USCMS Hadron Calorimeter M&O Subsystem	National Science Foundation	\$2,254	12
Wayne, Mitchell R. Goussiou, Anna Jessop, Colin P. Hildreth, Michael D.	Research in Collider Physics	National Science Foundation	\$2,322,488	36
Wiescher, Michael C.	ECR Source Development for Underground Accelerator	Lawrence Berkeley National Laboratory	\$1,138,410	36
Wiescher, Michael C.	Supplemental Request for St. George Recoil Separator	National Science Foundation	\$150,000	36
Department or Office:	Political Science			
Hero, Rodney E.	Latino Community and American Politics: The Creation and Consequences of Hispanics in the U.S.	Princeton University	\$115,400	9
Javeline, Debra	Political Responses to Violence: Citizen Participation after Beslan	U.S. Institute of Peace	\$40,400	12
O'Donnell, Guillermo A.	The State and Democracy Theory with Comparative Intent	Private Foundation	\$35,000	9
O'Donnell, Guillermo A.	The State and Democracy Theory with Comparative Intent	Private Foundation	\$60,000	11
Roos, Leon J.	The Place of Gerhart Niemeyer in American Intellectual Life	Private Foundation	\$60,000	10
Singh, Naunihal	Proposal to Harvard Academy Fellows	Harvard University	\$92,000	24
Department or Office:	Psychology			
Howard, George S.	Are You Ready for the Hydrogen Economy?	Private Foundation	\$1,000	12
Department or Office:	Robinson Community Learning Center			
Caponigro, Jerome V.	RCLC After School Program	City of South Bend	\$6,500	10
Caponigro, Jerome V.	DEV: Developing Youth Entrepreneurs to Reduce Violence	Private Foundation	\$145,000	12
Department or Office:	Romance Languages and Literatures			
Anderson, Thomas F.	Carnival, Comparsas, and National Identity in Cuban Poetry, 1916-1961	Private Foundation	\$40,000	11

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Ryan-Scheutz, Colleen M.	"Desiring Subjects: Feminism and Femininity in Contemporary Italian Cinema"	Private Foundation	\$40,000	11
Ryan-Scheutz, Colleen M.	"Desiring Subjects: Feminism and Femininity in Contemporary Italian Cinema."	Private Foundation	\$40,000	9
Department or Office:	Theology			
Aune, David E.	Commentary on the Testament of Solomon	Private Foundation	\$60,000	11
Cannon, Kathleen	DEV: Clare Booth Luce	Private Foundation	\$0	
Department or Office:	University Security			
Sikorski, Irvin F.	Security Cameras for Football Stadium	Indiana Department of Homeland Security	\$66,209	3
<u>Proposals for Instructional Programs</u>				
Department or Office:	Upward Bound			
Coates, Alyssia J.	Upward Bound	Department of Education	\$450,386	48

Awards and Proposal Summary

Centers and Institutes Report

10/01/2006 to 10/31/2006

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	1	\$58,999
Center for Global Health and Infectious Diseases	2	\$95,248
Freimann Life Science Center	1	\$4,836
Institute for Latino Studies	3	\$305,000
Nano Science and Technology Center	2	\$155,000
Radiation Laboratory	2	\$27,725
Walther Cancer Research Center	1	\$25,000
Total:	12	\$671,808

Proposals Submitted

Department or Office	No.	Amount
Center for Aquatic Conservation	1	\$969
Center for Complex Network Research	1	\$45,000
Center for Flow Physics and Control	2	\$399,424
Center for Zebrafish Research	1	\$375,000
Joint Institute for Nuclear Astrophysics	1	\$1,138,410
Kellogg Institute for International Studies	2	\$95,000
Keough Institute for Irish Studies	2	\$90,000
Medieval Institute	2	\$1,020,000
Nano Science and Technology Center	8	\$1,368,385
Nuclear Structure Laboratory	1	\$150,000
Radiation Laboratory	1	\$16,399,157
Robinson Community Learning Center	1	\$145,000
Total:	23	\$21,226,345

Awards and Proposal Summary

Centers and Institutes Report

07/01/2006 to 10/31/2006

Awards Received

Department or Office	No.	Amount
Alliance for Catholic Education	1	\$157,573
Center for Astrophysics	5	\$309,355
Center for Children and Families	1	\$1,655,985
Center for Flow Physics and Control	6	\$730,665
Center for Global Health and Infectious Diseases	5	\$1,297,217
Center for Microfluidics and Medical Diagnostics	2	\$1,100,050
Center for Research Computing	1	\$118,321
Center for Social Concerns	2	\$55,650
Center for Transgene Research	1	\$366,188
Center for Zebrafish Research	2	\$278,030
Environmental Research Center	1	\$60,000
Freimann Life Science Center	1	\$4,836
Institute for Educational Initiatives	2	\$79,900
Institute for Latino Studies	9	\$921,605
Interdisciplinary Center for the Study of Biocomplexity	3	\$818,466
Kellogg Institute for International Studies	1	\$29,476
Keough Institute for Irish Studies	1	\$135,623
Nano Science and Technology Center	19	\$2,449,106
Nuclear Structure Laboratory	1	\$1,980,000
Radiation Laboratory	4	\$299,230
Robinson Community Learning Center	5	\$52,066
Snite Museum of Art	1	\$5,000
South Bend Center for Medical Education	2	\$337,415
Walther Cancer Research Center	2	\$292,500
Total:	78	\$13,534,257

Proposals Submitted

Department or Office	No.	Amount
Center for Applied Mathematics	1	\$381,353
Center for Aquatic Conservation	1	\$969
Center for Astrophysics	3	\$113,872
Center for Children and Families	2	\$71,290
Center for Complex Network Research	1	\$45,000
Center for Flow Physics and Control	12	\$4,123,147
Center for Global Health and Infectious Diseases	11	\$2,341,627
Center for Microfluidics and Medical Diagnostics	3	\$634,647

Awards and Proposal Summary

Centers and Institutes Report

07/01/2006 to 10/31/2006

Department or Office	No.	Amount
Center for Transgene Research	1	\$375,000
Center for Zebrafish Research	7	\$1,719,944
Environmental Research Center	1	\$709,934
Freimann Life Science Center	2	\$49,946
Institute for Church Life	1	\$103,000
Institute for Latino Studies	9	\$1,435,992
Interdisciplinary Center for the Study of Biocomplexity	1	\$333,267
Joint Institute for Nuclear Astrophysics	1	\$1,138,410
Kellogg Institute for International Studies	2	\$95,000
Keough Institute for Irish Studies	3	\$130,000
Kroc Institute for International Peace Studies	2	\$96,722
Medieval Institute	2	\$1,020,000
ND Energy Center	1	\$150,300
Nano Science and Technology Center	23	\$4,475,541
Nuclear Structure Laboratory	1	\$150,000
Radiation Laboratory	3	\$16,887,937
Rare Disease Research Center	1	\$124,740
Robinson Community Learning Center	1	\$145,000
University Libraries	1	\$456,626
Walther Cancer Research Center	3	\$655,200
Total:	100	\$37,964,464

Awards received during the period Oct-01-2006 to Oct-31-2006

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Award #
Awards for Research				
Department or Office:	Center for Astrophysics			
Balsara, Dinshaw S. (Center or Institute)	The Interaction of Supernova Remnant Shocks with Interstellar Clouds	National Aeronautics and Space Administration	\$58,999	006939-001
Howk, Jay C.				
Department or Office:	Center for Global Health and Infectious Diseases			
Streit, Thomas G. (Center or Institute)	Asante Foundation Grant in Support of the Haiti Project	Private Foundation	\$50,000	006943-001
Severson, David W. (Center or Institute)	Genetic Strategies for Control of Dengue Virus Transmission	University of California-Irvine	\$45,248	006634-001
Department or Office:	Freimann Life Science Center			
Suckow, Mark A. (Center or Institute)	Development of Imaging Agents	Corporate Funding	\$4,836	006942-001
Department or Office:	Institute for Latino Studies			
Groody, Daniel G. (Center or Institute)	Guadalupe: Madre de America: Narrative, Image and Devotion	Private Foundation	\$20,000	006940-001
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
Cardenas, Gilberto (Center or Institute)	Children and Families in Latino Communities	Private Foundation	\$90,000	005852-001
Ready, Timothy				
Department or Office:	Nano Science and Technology Center			
Porod, Wolfgang (Center or Institute)	Physically-Coupled Nanostructures for Locally-Interconnected Circuit Architectures	Department of Navy	\$135,000	005927-001
Merz, James L. (Center or Institute)	Directed Assembly of Epitaxial Semiconductor Nanostructures	University of Virginia	\$20,000	005348-001
Department or Office:	Radiation Laboratory			
Hug, Gordon L. (Center or Institute)	New Biologically Relevant Sulfur Radical Cation Chemistry	University of Arizona	\$7,725	006652-001
Kamat, Prashant V. (Center or Institute)	Photochemical Solar Cells	Corporate Funding	\$20,000	006606-001

Awards received during the period Oct-01-2006 to Oct-31-2006**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Award #
Department or Office: Walther Cancer Research Center				
Taylor, Richard E. (Center or Institute)	Production of a Novel, Corporate Funding Specific Analog of, and an Advanced Intermediate for, Myriaporone		\$25,000	006944-001

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
<u>Proposals for Research</u>				
Department or Office:	Center for Aquatic Conservation			
Lamberti, Gary A.	Effects of Exotic Earthworms (Lumbricidae) on Nutrient Dynamics in Linked Terrestrial-aquatic Ecosystems	Private Foundation	\$969	07040243
Department or Office:	Center for Complex Network Research			
Barabasi, Albert-Laszlo	Integrated Metabolic Pathways in Schizophrenia	Duke University	\$45,000	07040239
Department or Office:	Center for Flow Physics and Control			
Jumper, Eric J.	Optical Propagation Improvement System (OPIS)	Corporate Funding	\$290,000	07040230
Cavalieri, David				
Corke, Thomas C.	Truck Tractor and Trailer Aerodynamic Drag Reduction Using Single Dielectric Barrier Discharge (SDBD) Plasma Actuators	Corporate Funding	\$109,424	07040289
Department or Office:	Center for Zebrafish Research			
Li, Lei	Characterization of Dominant Night Blindness Mutations in Zebrafish	National Institutes of Health	\$375,000	07040290
Department or Office:	Joint Institute for Nuclear Astrophysics			
Wiescher, Michael C.	ECR Source Development for Underground Accelerator	Lawrence Berkeley National Laboratory	\$1,138,410	07040278
Department or Office:	Kellogg Institute for International Studies			
O'Donnell, Guillermo A.	The State and Democracy Theory with Comparative Intent	Private Foundation	\$60,000	07040242
O'Donnell, Guillermo A.	The State and Democracy Theory with Comparative Intent	Private Foundation	\$35,000	07040280
Department or Office:	Keough Institute for Irish Studies			
Wilkinson, John L.	Rickett's Blue	National Humanities Center	\$45,000	07040254
Ellmann, Maud	Modernist Returns: Recirculation in James, Woolf, Joyce, and Freud	National Humanities Center	\$45,000	07040271
Department or Office:	Medieval Institute			
Sheerin, Daniel J.	The Distichs of Cato	Private Foundation	\$20,000	07040257

Proposals submitted during the period Oct-01-2006 to Oct-31-2006

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Noble, Thomas F.	Enhancing Byzantine Studies at the University of Notre Dame.	National Endowment for the Humanities	\$1,000,000	07040237
Department or Office:	Nano Science and Technology Center			
Snider, Gregory L.	Silicon-Based Structures for Quantum Computing and Quantum-dot Cellular Automata	National Science Foundation	\$262,139	07040235
Jena, Debdeep Xing, Huili	Ultrafast Transistors by Nanoscale Optical Phonon Engineering	National Science Foundation	\$437,861	07040245
Kosel, Thomas H.	TEM and Electrical Characterization of Rapid-melt-grown Tunnel Junction Technology	National Science Foundation	\$253,864	07040236
Seabaugh, Alan C.	Piezoflexure-enabled Nanofabrication	National Science Foundation	\$269,521	07040238
Fay, Patrick J.	X-Band InGaP HBT T/R Modules, Phase II	Corporate Funding	\$50,000	07040268
Jena, Debdeep	Mitigating Hot Phonon Effects in GaN-Based High Electron Mobility Transistors	Lehigh University	\$95,000	07040270
Porod, Wolfgang Seabaugh, Alan C. Lieberman, Marya Xing, Huili	PIRE: Spatio-Temporal Sensory Computers	National Science Foundation	\$0	07040286
Merz, James L. Jena, Debdeep Hall, Douglas C. Mintairov, Alexander Kuno, Masaru K.	PIRE: Nanophotonics: Fundamental Research, Devices, and Educational Initiatives	National Science Foundation	\$0	07040288
Department or Office:	Nuclear Structure Laboratory			
Wiescher, Michael C.	Supplemental Request for St. George Recoil Separator	National Science Foundation	\$150,000	07040220

Proposals submitted during the period Oct-01-2006 to Oct-31-2006**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Department or Office:	Radiation Laboratory			
Carmichael, Ian C.	Radiation and	Department of Energy	\$16,399,157	07040215
Bentley, John J.	Photochemistry in the			
Meisel, Dan	Condensed Phase and			
	at Interfaces			
LaVerne, Jay A.				
Madden, Keith P.				
Chipman, Daniel M.				
Kamat, Prashant V.				
Bartels, David M.				
Department or Office:	Robinson Community Learning Center			
Caponigro, Jerome V.	DEV: Developing Youth	Private Foundation	\$145,000	07040273
	Entrepreneurs to			
	Reduce Violence			

Awards and Proposal Summary

11/01/2006 to 11/30/2006

Awards Received

Category	No.	Amount
Research	29	\$8,371,943
Total:	29	\$8,371,943

Proposals Submitted

Category	No.	Amount
Research	83	\$54,751,807
Instructional Programs	2	\$903,680
Total:	85	\$55,655,487

November 2006 Cumulative summary

Awards Received

	07.01.2004 - 11.30.2004		07.01.2005 - 11.30.2005		07.01.2006 - 11.30.2006	
Category	No.	Amount	No.	Amount	No.	Amount
Research	165	\$38,352,230	151	\$26,806,192	192	\$36,611,411
Facilities and Equipment						
Instructional Programs			1	\$237,796	4	\$591,775
Other Programs						
Service Programs						
Total:	165	\$38,352,230	152	\$27,043,988	196	\$37,203,186

Proposals Submitted

	07.01.2004 - 11.30.2004		07.01.2005 - 11.30.2005		07.01.2006 - 11.30.2006	
Category	No.	Amount	No.	Amount	No.	Amount
Research	347	\$108,861,314	373	\$84,084,596	358	\$135,390,693
Facilities and Equipment						
Instructional Programs	7	\$2,420,561	5	\$2,750,613	13	\$1,720,402
Other Programs			1	\$5,000		
Service Programs						
Total:	354	\$111,281,875	379	\$86,840,209	371	\$137,111,095

Awards received during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Wang, Meng (Center or Institute) Morris, Scott C.	Outside Rear-View Mirror Wind Noise Testing	Corporate Funding	\$50,000	12
Department or Office:	Biological Sciences			
Hellmann, Jessica J.	Predicting the Impact of Climate Change on Animal Distributions: The Importance of Local Adaptation and Species' Traits	Department of Energy	\$166,261	12
Streit, Thomas G. (Center or Institute)	Eliminating Lymphatic Filariasis in Haiti	Private Foundation	\$4,428,606	48
Suckow, Mark Allen (Center or Institute)	2006-07 IPA Agreement	Veteran Affairs Medical Center	\$16,940	12
Department or Office:	Chemical and Biomolecular Engineering			
Bohn, Paul W. McCready, Mark J.	Center for Advanced Materials for Water Purification with Systems	University of Illinois-Urbana-Champaign	\$150,000	14
Department or Office:	Chemistry and Biochemistry			
Bartels, David M. (Center or Institute)	Generation IV Supercritical Water Reactor: Water Radiation Chemistry	Idaho National Laboratory	\$65,000	24
DuBois, Jennifer	Enzymatic Biodegradation of Chlorooxides	National Institutes of Health	\$60,000	12
Sevov, Slavi C.	Main-Group Deltahedral Clusters: Functionalization and Oligomerization by Design	National Science Foundation	\$120,000	36
Taylor, Richard E. (Center or Institute)	Synthesis of Biologically Significant Cyclopropanes	National Science Foundation	\$124,000	36
Department or Office:	Civil Engineering and Geological Sciences			
Westerink, Joannes J.	Wave and circulation modeling on unstructured grids	Department of Navy	\$112,102	37
Westerink, Joannes J.	Development of a Gulf of Mexico Storm Surge Model from Texas to Florida.	Corporate Funding	\$53,661	12

Awards received during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Westerink, Joannes J.	Scope of Work for Regional Hydrodynamics Task Co-leadership and Storm Surge Analysis and Simulation	U.S. Army Corps of Engineers	\$299,644	12
Department or Office:	Computer Science & Engineering			
Hu, Xiaobo Chen, Danny Z.	Development of an FPGA based system for accelerating radiation dose calculation	Corporate Funding	\$85,567	16
Department or Office:	Economics and Econometrics			
Sullivan, James X.	Measuring Poverty and the Well-being of the Poor	Private Foundation	\$6,236	6
Department or Office:	Electrical Engineering			
Haenggi, Martin	CAREER: Modeling and Managing Uncertainty in Wireless Ad Hoc and Sensor Networks	National Science Foundation	\$102,921	60
Jena, Debdeep (Center or Institute) Kuno, Masaru K.	Nanowire-based Polarization-sensitive Multi-spectral Photodetectors	Department of Navy	\$10,000	36
Porod, Wolfgang Bernstein, Gary H. Fay, Patrick J. Huang, Yih-Fang (Center or Institute)	Biologically-Inspired CNN Image Processors with Dynamically-Integrated Hyperspectral Nanoscale Sensors	Department of Navy	\$600,000	62
Department or Office:	Institute for Latino Studies			
Ready, Timothy (Center or Institute)	Latino Education Equity Index	Corporate Funding	\$75,548	11
Department or Office:	Law School			
Brinig, Margaret	Promoting the Best Love of the Child	Case Western Reserve Univ.	\$12,000	26
Department or Office:	Mathematics			
Cholak, Peter A.	Definability and Automorphisms in Computability Theory	National Science Foundation	\$93,164	60
Department or Office:	Physics			
Barabasi, Albert-Laszlo	Development of a Virtual Tumor	Private Funding	\$22,802	12

Awards received during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Hildreth, Michael D.	A Demonstration of the Electronic and Mechanical Stability of a BPM-Based Energy Spectrometer for the International Linear Collider	University of Oregon	\$48,000	24
Sapirstein, Jonathan R.	Weak and Electromagnetic Radiative Corrections in Atomic Physics	National Science Foundation	\$50,000	35
Wayne, Mitchell R. Hildreth, Michael D.	Scintillator Based Muon System R & D for a Linear Collider	University of Oregon	\$14,000	24
Wayne, Mitchell R. Karmgard, Daniel J.	USCMS Hadron Calorimeter M&O Subsystem	University of California-Los Angeles	\$97,399	25
Department or Office: Psychology				
Cummings, E. M. (Center or Institute)	Family Process: Emotional Security, and Child Adjustment	University of Rochester	\$294,929	11
Merluzzi, Thomas V.	Faith and Health: An Interdisciplinary Conference on the Dynamics of Religious Coping	Private Foundation	\$16,782	6
Department or Office: Sociology				
Smith, Christian	Tracking the Religious Lives of American Youth into Emerging Adulthood: A Proposal for NSYR Wave 3	Private Foundation	\$1,096,631	49
Smith, Christian	Continuity and Change in the Religious Lives of American Youth: Tracking Purpose, Gratitude, Beliefs about Science and Religion and Measures of Posit	Private Foundation	\$99,750	24

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Liu, Katherine W. Renaud, John E.	Nanoscale Energy Transport in Information Technology Research with an Application to Non-Volatile Information Storage and Processing	Carnegie Mellon University	\$1,046,598	36
Morris, Scott C.	The Effects of Inlet Distortion on the Structural Acoustic Response of a Ducted Rotor	Department of Navy	\$163,975	19
Renaud, John E. Tomar, Vikas	A Multidisciplinary Computational Clinical Trial of Pathology in Bone Remodeling	National Science Foundation	\$1,970,140	48
Schmid, Steven R.	Manufacture and Wear Properties of Laser Textured Surfaces	Corporate Funding	\$30,000	5
Tomar, Vikas	Investigating Difference Between Cohesive laws Based on Atomistic Deformation Mechanisms and Based on Experiments on Phase morphology Dependent Fract	National Science Foundation	\$302,931	36
Department or Office:	Art, Art History and Design			
Rhodes, Robin F.	Study and publication of the Greek Stone Architecture at Corinth	National Endowment for the Humanities	\$222,354	36
Department or Office:	Biological Sciences			
Belovsky, Gary E.	What is the Effect of Disturbance and Detritivore Invertebrate Communities on Leaf Decomposition Across a Latitudinal Gradient	National Science Foundation	\$11,980	12
Collins, Frank H.	Malaria Monitoring and Control Consortium	Private Foundation	\$20,059,415	72
Feder, Jeffrey L.	DDIg-Cascading Sympatric Host Race Formation in a Braconid Wasp	National Science Foundation	\$9,740	24
Ferdig, Michael T.	Transcriptional Network Analysis in Malaria Parasites	National Institutes of Health	\$46,195	12
Ferdig, Michael T.	High-resolution Hybridization-based Genotyping in Plasmodium Falciparum	National Institutes of Health	\$222,500	12

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Hollocher, Hope	Dissertation Research: Examination of Expression Profile Differences in Candidate Loci Underlying Female Hybrid Sterility in <i>Drosophila</i>	National Science Foundation	\$11,577	12
Johnson, Alan L. Schorey, Jeffrey S.	Scavenger Receptor Mediated Cholesterol Precursor Uptake in Granulosa Cells from the Domestic Hen	Department of Agriculture	\$125,000	24
Tank, Jennifer L.	Will Stream Restoration Enhance Ecosystem Resistance and Resilience to Storms	National Science Foundation	\$11,817	12
Tank, Jennifer L.	Responses to Organic Matter and Macroinvertebrates to the Experimental Addition of Large Wood to Second-Growth Forested Streams	National Science Foundation	\$8,188	12
Welsh, JoEllen J.	Vitamin D Receptor: Novel Regulator of Adiposity	National Institutes of Health	\$187,500	12
Department or Office:	Chemical and Biomolecular Engineering			
Bohn, Paul W.	In Silico Biomimetic Sensor for Rapid Testing of Water Resources	U.S. Army Corps of Engineers	\$99,898	24
Bohn, Paul W. Jena, Debdeep Xing, Huili Chang, Hsueh-Chia	Wide-band Gap Semiconductor Based Sensing for Detection and Response to WMD Threats	University of Illinois-Chicago	\$1,999,996	60
Bohn, Paul W.	Metal Ion Sensor Combining Catalytic DNA with a Nanofluidic Intelligent Processor	U.S. Army Corps of Engineers	\$148,100	24
Brennecke, Joan F. Maginn, Edward J.	Basic Research on Ionic Liquids and Ionic Liquid Containing Polymeric Materials	University of Colorado	\$1,859,080	60
Maginn, Edward J.	(Preproposal) Molecular Modeling of Ion Exchange	Savannah River National Labs	\$205,541	12

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
McGinn, Paul J.	Transition Metal Carbide Catalysts for Low Temperature Fuel Cell Applications	Private Foundation	\$134,999	50
Mukasyan, Alexander S.	Fundamental Mechanisms of Reactive Materials Response Under Extreme Mechanical Stimulation	Purdue University	\$1,060,274	60
Zhu, Yingxi E.	Dynamics of Hybrid Liposomes in a Restricted Geometry	National Science Foundation	\$210,481	36
Department or Office:	Chemistry and Biochemistry			
Corcelli, Steven A. Newman, Kathie E.	Computer Simulations of Photocatalysis at Aqueous TiO ₂ Interfaces	Department of Energy	\$428,782	36
Hartland, Gregory V.	Single Particle Studies of Electronic Dephasing in Catalytically Important Metal Nanoparticles	Private Foundation	\$90,000	24
Kuno, Masaru K. Kamat, Prashant V.	Solution Based Nanowire Heterostructures for Photovoltaic	Department of Energy	\$443,746	36
Lappin, Alexander G. Ferraudi, Guillermo J.	Fuel Formation Catalyzed by Macrocyclic Complexes	Department of Energy	\$810,000	36
Miller, Marvin J.	Design, Syntheses and Studies of Novel AntiTB Agents	National Institutes of Health	\$0	12
Mobashery, Shahriar	Ribosomal Function & Antibiotic Design	National Institutes of Health	\$275,684	12
Mobashery, Shahriar	Resistance to beta-Lactam Antibiotics	National Institutes of Health	\$1,835,000	12
Smith, Bradley D.	Next Generation Squaraine-Rotaxanes as Superior Near-IR Dyes	National Science Foundation	\$473,117	36
Vakulenko, Sergei	Aminoglycoside Resistance in Enterococci	National Institutes of Health	\$337,500	12
Department or Office:	Computer Science & Engineering			
Brockman, Jay B. Kogge, Peter M. Chawla, Nitesh V. Barabasi, Albert-Laszlo	Collaborative Research: CRI:IAD: Development of a Research Infrastructure for the Multithreaded Computing Community Using the Cray Eldorado Platform	National Science Foundation	\$1,606,256	36

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Chaudhary, Amitabh Chen, Danny Z. Hu, Xiaobo Niemier, Michael T.	NER: Interconnect for Implementation of the QCA Device Architecture	National Science Foundation	\$128,775	12
Chaudhary, Amitabh	III-COR: Building High-Quality Structured Data Repositories Using Information from the Web.	National Science Foundation	\$210,000	48
Madey, Gregory R.	CRI:CRD Data Arcjive & Collaboratory for Research on Open Source Software Development	National Science Foundation	\$198,799	36
Madey, Gregory R.	Collaborative Research CRI: IAD Project Ensayo: A Virtual EOC for Research, Training and Discovery in Disaster Management	National Science Foundation	\$391,236	48
Scheutz, Matthias J.	Context-Aware Incremental Natural Language Understanding for Embodied Agents	National Science Foundation	\$275,241	36
Scheutz, Matthias J. Eberhard, Kathleen M.	Effective Human-Robot Interaction Through Robust Natural Language Dialogue and Dynamic Autonomy	Department of Navy	\$5,012,388	60
Scheutz, Matthias J. Eberhard, Kathleen M. Ryan-Scheutz, Colleen M.	Facing up to Persistant L1-L2 Interfaces	Department of Education	\$899,781	36
Department or Office:	Dean - College of Arts and Letters			
McNeil, Nicole M.	Arithmetic Practice that Promotes Conceptual Understanding and Computational Fluency	Private Foundation	\$761,425	48
Department or Office:	Electrical Engineering			
Jena, Debdeep Kosel, Thomas H.	Transport of Electrons and Phonons in MBE-grown InN: Role of Structural Defects	National Science Foundation	\$299,992	36

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Porod, Wolfgang Orlov, Alexei Bernstein, Gary H.	NIRT: Room Temperature Nanoscale Magnetically-coupled Computing Logic	University of Illinois-Chicago	\$984,735	48
Porod, Wolfgang Lieberman, Marya	MURI: Biologically Synthesized Quantum Electronic Systems	Arizona State University	\$871,351	36
Snider, Gregory L. Lent, Craig S. Solomon, David R. Kogge, Peter M.	NIRT: Silicon-based QCA Nanosystems-Linking Devices and Architecture	National Science Foundation	\$1,200,000	48
Snider, Gregory L. Orlov, Alexei Mukasyan, Alexander S.	Novel Approach for Synthesis of Silicon Carbide Nanotubes: Material Studies and Device Applications	National Science Foundation	\$444,848	36
Xing, Huili	A sensitive nano-optical gate based on hybrid photosystem-protein/sem junctions	Private Foundation	\$68,999	48
Department or Office:	English			
Hall, Thomas N.	Digital Edition of Cambridge, Pembroke MS 25	National Endowment for the Humanities	\$125,551	12
Harris, Susan C.	Irish Drama and the Other Revolution	Private Foundation	\$40,000	10
Harris, Susan C.	Irish Drama and the Other Revolution	Private Foundation	\$30,000	12
Department or Office:	History			
Coleman, Jon T.	Here Lies Hugh Glass: Bears, Pirates, Indians and the Legends of a Mountain Man	Private Foundation	\$40,000	9
Department or Office:	Mathematics			
Cao, Jianguo	Global Reimannian Geometry and Analysis of Curved Spaces	National Science Foundation	\$171,172	36
Gursky, Matthew J.	The Geometry of Constant Mean Curvature Surfaces Embedded in a 3-minifold.	National Science Foundation	\$79,313	36

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Misiolek, Gerard K.	Collaborative Research: Differential Geometry of Infinite Dimensional Lie Groups and Evolution.	National Science Foundation	\$126,697	36
Stolz, Stephan A.	Field Theories and Elliptic Cohomology	National Science Foundation	\$382,719	60
Department or Office:	Physics			
Balsara, Dinshaw S. Zhang, Yongtao	MSPA-AST: Self-Adaptive Discontinuous Galerkin Schemes for Astrophysics: Going Beyond Second Order Accuracy	National Science Foundation	\$384,540	36
Balsara, Dinshaw S. Howk, Jay C.	High-Velocity Clouds in the Galactic Environment: A Numerical Study	National Science Foundation	\$171,915	36
Balsara, Dinshaw S.	The Spreading of Matter in Boundary Layers of Accreting White Dwarfs: Relevance to Space Observations	Villanova University	\$162,687	48
Balsara, Dinshaw S.	Collaborative Research: Supernova Remnant Evolution and Turbulent Mixing Layers: Simulations and Diagnostics via High-Stage Ions	Harvard University	\$117,100	36
Bennett, David P.	Analysis and Interpretation of Planetary Gravitational Microlensing Events	National Science Foundation	\$334,611	36
Bennett, David P.	Observations and Analysis of Exotic Gravitational Microlensing Events	National Science Foundation	\$48,330	5
Blackstead, Howard A.	Materials World Network: Conjunction of Copper Magnetism and High Temperature Superconductivity	National Science Foundation	\$940,434	36
Collon, Philippe A.	Study of Argon for WIMP Dark Matter Detectors and Earth Sciences	Princeton University	\$16,733	36
Eskildsen, Morten R.	Vortices and the Interplay Between Superconductivity and Magnetism	National Science Foundation	\$486,539	36

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Garg, Umesh	Smarajit Triambak Support	University of Washington	\$10,647	7
Garg, Umesh	Research on Nuclei	Argonne National Laboratory	\$34,493	12
Howk, Jay C. Lehner, Nicolas	Lyman Limit Systems: Tracing the Galaxy-Intergalactic Medium Connection over Cosmic Time	National Science Foundation	\$358,504	36
Mathews, Grant J. Canter, Jamie	Three Dimensional Models of Red Giant Cores	National Science Foundation	\$156,512	36
Mathews, Grant J.	Models for Large Scale Structures and the Dark Energy	National Science Foundation	\$139,733	36
Newman, Kathie E. Kolda, Christopher F. Kolata, James J. Bigi, Ikaros I. LoSecco, John M.	Researchers and Education Innovators of the Future: Physics GAANN Initiative at Notre Dame	Department of Education	\$1,013,376	36
Rettig, Terrence W. Balsara, Dinshaw S.	Observational and Theoretical Constraints on Dust Settling and Grain Growth in Protostellar Disks	National Science Foundation	\$325,655	36
Ruggiero, Steven T.	Tunneling Studies of Impurity-induced States in MgB2 and Related Systems	National Science Foundation	\$222,729	36
Department or Office:	Political Science			
Lieber, Keir A.	The Challenge of Nuclear Proliferation in an Era of U.S. Primacy	Private Foundation	\$60,000	12
O'Donnell, Guillermo A.	State Response to Violence Against Women in Latin America	Department of Education	\$56,676	12
Roos, Leon J.	The Gerhart Niemeyer Papers	Private Foundation	\$52,500	9
Singh, Naunihal	Understanding Dynamics and Outcomes of Military Coup Attempts	University of Texas	\$71,400	12
Department or Office:	Robinson Community Learning Center			
Caponigro, Jerome V.	Lunch & Learn	Private Foundation	\$5,000	12

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Sociology				
Cardenas, Gilberto	Latino Researchers Database	Private Foundation	\$40,000	12
Smith, Christian	Human Personhood and Social Science: A Planning Grant Proposal to the John Templeton Foundation to Explore Potential Avenues of Future Research	Private Foundation	\$160,127	12
Department or Office: Theology				
Kollman, Paul V.	The Missionary Role in the Emergence of the Catholic Church in Eastern Africa	Private Foundation	\$50,680	12
Porter, Jean	Constitutions of Freedom: Positive Law in Theological Perspective	Private Foundation	\$75,000	12
Ryan, Maura A.	Health, Development and Human Rights: New Directions for Christian Bioethics	Private Foundation	\$64,500	12

Proposals for Instructional Programs

Department or Office: Chemical and Biomolecular Engineering				
McCready, Mark J.	Sustainable Energy Technologies	Department of Education	\$723,680	36
Stadtherr, Mark A.				
Paolucci, Samuel				
Schneider, William F.				
Kamat, Prashant V.				
Kuno, Masaru K.				
Brennecke, Joan F.				
Sen, Mihir				
McGinn, Paul J.				
Department or Office: Kellogg Institute for International Studies				
Schierling, Sharon K.	UISFL proposal	Department of Education	\$180,000	24
Blum, Susan D.				

Awards and Proposal Summary

Centers and Institutes Report

11/01/2006 to 11/30/2006

Awards Received

Department or Office	No.	Amount
Center for Children and Families	1	\$294,929
Center for Flow Physics and Control	1	\$50,000
Center for Global Health and Infectious Diseases	1	\$4,428,606
Freimann Life Science Center	1	\$16,940
Institute for Latino Studies	1	\$75,548
Nano Science and Technology Center	2	\$610,000
Radiation Laboratory	1	\$65,000
Walther Cancer Research Center	1	\$124,000
Total:	9	\$5,665,023

Proposals Submitted

Department or Office	No.	Amount
Center for Astrophysics	9	\$2,043,075
Center for Flow Physics and Control	1	\$163,975
Center for Global Health and Infectious Diseases	3	\$20,328,110
Center for the Study of Religion	1	\$160,127
Kellogg Institute for International Studies	1	\$180,000
ND Energy Center	1	\$1,859,080
Nano Science and Technology Center	7	\$3,998,700
Nuclear Structure Laboratory	1	\$34,493
Radiation Laboratory	1	\$443,746
Robinson Community Learning Center	1	\$5,000
Total:	26	\$29,216,306

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

07/01/2006 to 11/30/2006

Awards Received

Department or Office	No.	Amount
Alliance for Catholic Education	1	\$157,573
Center for Astrophysics	5	\$309,355
Center for Children and Families	2	\$1,950,914
Center for Flow Physics and Control	7	\$780,665
Center for Global Health and Infectious Diseases	6	\$5,725,823
Center for Microfluidics and Medical Diagnostics	2	\$1,100,050
Center for Research Computing	1	\$118,321
Center for Social Concerns	2	\$55,650
Center for Transgene Research	1	\$366,188
Center for Zebrafish Research	2	\$278,030
Environmental Research Center	1	\$60,000
Freimann Life Science Center	2	\$21,776
Institute for Educational Initiatives	2	\$79,900
Institute for Latino Studies	10	\$997,153
Interdisciplinary Center for the Study of Biocomplexity	3	\$818,466
Kellogg Institute for International Studies	1	\$29,476
Keough Institute for Irish Studies	1	\$135,623
Nano Science and Technology Center	21	\$3,059,106
Nuclear Structure Laboratory	1	\$1,980,000
Radiation Laboratory	5	\$364,230
Robinson Community Learning Center	5	\$52,066
Snite Museum of Art	1	\$5,000
South Bend Center for Medical Education	2	\$337,415
Walther Cancer Research Center	3	\$416,500
Total:	87	\$19,199,280

Proposals Submitted

Department or Office	No.	Amount
Center for Applied Mathematics	1	\$381,353
Center for Aquatic Conservation	1	\$969
Center for Astrophysics	12	\$2,156,947
Center for Children and Families	2	\$71,290
Center for Complex Network Research	1	\$45,000
Center for Flow Physics and Control	13	\$4,287,122
Center for Global Health and Infectious Diseases	14	\$22,669,737
Center for Microfluidics and Medical Diagnostics	3	\$634,647

Awards and Proposal Summary

Centers and Institutes Report

07/01/2006 to 11/30/2006

Department or Office	No.	Amount
Center for Transgene Research	1	\$375,000
Center for Zebrafish Research	7	\$1,719,944
Center for the Study of Religion	1	\$160,127
Environmental Research Center	1	\$709,934
Freimann Life Science Center	2	\$49,946
Institute for Church Life	1	\$103,000
Institute for Latino Studies	9	\$1,435,992
Interdisciplinary Center for the Study of Biocomplexity	1	\$333,267
Joint Institute for Nuclear Astrophysics	1	\$1,138,410
Kellogg Institute for International Studies	3	\$275,000
Keough Institute for Irish Studies	3	\$130,000
Kroc Institute for International Peace Studies	2	\$96,722
Medieval Institute	2	\$1,020,000
ND Energy Center	2	\$2,009,380
Nano Science and Technology Center	30	\$8,474,241
Nuclear Structure Laboratory	2	\$184,493
Radiation Laboratory	4	\$17,331,683
Rare Disease Research Center	1	\$124,740
Robinson Community Learning Center	2	\$150,000
University Libraries	1	\$456,626
Walther Cancer Research Center	3	\$655,200
Total:	126	\$67,180,770

Awards received during the period Nov-01-2006 to Nov-30-2006**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Award #
<u>Awards for Research</u>				
Department or Office:	Center for Children and Families			
Cummings, E. M. (Center or Institute)	Family Process: Emotional Security, and Child Adjustment	University of Rochester	\$294,929	006950-001
Department or Office:	Center for Flow Physics and Control			
Wang, Meng (Center or Institute)	Outside Rear-View Mirror Wind Noise Testing	Corporate Funding	\$50,000	006964-001
Morris, Scott C.				
Department or Office:	Center for Global Health and Infectious Diseases			
Streit, Thomas G. (Center or Institute)	Eliminating Lymphatic Filariasis in Haiti	Private Foundation	\$4,428,606	006955-001
Department or Office:	Freimann Life Science Center			
Suckow, Mark Allen (Center or Institute)	2006-07 IPA Agreement	Veteran Affairs Medical Center	\$16,940	000388-001
Department or Office:	Institute for Latino Studies			
Ready, Timothy (Center or Institute)	Latino Education Equity Index	Corporate Funding	\$75,548	006953-001
Department or Office:	Nano Science and Technology Center			
Jena, Debdeep (Center or Institute)	Nanowire-based Polarization-sensitive Multi-spectral Photodetectors	Department of Navy	\$10,000	006843-001
Kuno, Masaru K.				
Porod, Wolfgang Bernstein, Gary H. Fay, Patrick J. Huang, Yih-Fang (Center or Institute)	Biologically-Inspired CNN Image Processors with Dynamically-Integrated Hyperspectral Nanoscale Sensors	Department of Navy	\$600,000	006071-001
Department or Office:	Radiation Laboratory			
Bartels, David M. (Center or Institute)	Generation IV Supercritical Water Reactor: Water Radiation Chemistry	Idaho National Laboratory	\$65,000	006655-001
Department or Office:	Walther Cancer Research Center			
Taylor, Richard E. (Center or Institute)	Synthesis of Biologically Significant Cyclopropanes	National Science Foundation	\$124,000	006563-001

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
<u>Proposals for Research</u>				
Department or Office:	Center for Astrophysics			
Bennett, David P.	Observations and Analysis of Exotic Gravitational Microlensing Events	National Science Foundation	\$48,330	07050376
Rettig, Terrence W. Balsara, Dinshaw S.	Observational and Theoretical Constraints on Dust Settling and Grain Growth in Protostellar Disks	National Science Foundation	\$325,655	07050331
Howk, Jay C. Lehner, Nicolas	Lyman Limit Systems: Tracing the Galaxy-Intergalactic Medium Connection over Cosmic Time	National Science Foundation	\$358,504	07050330
Mathews, Grant J.	Models for Large Scale Structures and the Dark Energy	National Science Foundation	\$139,733	07050342
Balsara, Dinshaw S.	The Spreading of Matter in Boundary Layers of Accreting White Dwarfs: Relevance to Space Observations	Villanova University	\$162,687	07050346
Balsara, Dinshaw S.	Collaborative Research: Supernova Remnant Evolution and Turbulent Mixing Layers: Simulations and Diagnostics via High-Stage Ions	Harvard University	\$117,100	07050345
Bennett, David P.	Analysis and Interpretation of Planetary Gravitational Microlensing Events	National Science Foundation	\$334,611	07050351
Balsara, Dinshaw S. Howk, Jay C.	High-Velocity Clouds in the Galactic Environment: A Numerical Study	National Science Foundation	\$171,915	07050347
Balsara, Dinshaw S. Zhang, Yongtao	MSPA-AST: Self-Adaptive Discontinuous Galerkin Schemes for Astrophysics: Going Beyond Second Order Accuracy	National Science Foundation	\$384,540	07050348
Department or Office:	Center for Flow Physics and Control			
Morris, Scott C.	The Effects of Inlet Distortion on the Structural Acoustic Response of a Ducted Rotor	Department of Navy	\$163,975	07050326

Proposals submitted during the period Nov-01-2006 to Nov-30-2006**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Department or Office:	Center for Global Health and Infectious Diseases			
Ferdig, Michael T.	High-resolution Hybridization-based Genotyping in <i>Plasmodium Falciparum</i>	National Institutes of Health	\$222,500	07050298
Ferdig, Michael T.	Transcriptional Network Analysis in Malaria Parasites	National Institutes of Health	\$46,195	07050350
Collins, Frank H.	Malaria Monitoring and Control Consortium	Private Foundation	\$20,059,415	07050363
Department or Office:	Center for the Study of Religion			
Smith, Christian	Human Personhood and Social Science: A Planning Grant Proposal to the John Templeton Foundation to Explore Potential Avenues of Future Research	Private Foundation	\$160,127	07050323
Department or Office:	ND Energy Center			
Brennecke, Joan F. Maginn, Edward J.	Basic Research on Ionic Liquids and Ionic Liquid Containing Polymeric Materials	University of Colorado	\$1,859,080	07050319
Department or Office:	Nano Science and Technology Center			
Porod, Wolfgang Lieberman, Marya	MURI: Biologically Synthesized Quantum Electronic Systems	Arizona State University	\$871,351	07050328
Porod, Wolfgang Orlov, Alexei Bernstein, Gary H.	NIRT: Room Temperature Nanoscale Magnetically-coupled Computing Logic	University of Illinois-Chicago	\$984,735	07050297
Snider, Gregory L. Orlov, Alexei Mukasyan, Alexander S.	Novel Approach for Synthesis of Silicon Carbide Nanotubes: Material Studies and Device Applications	National Science Foundation	\$444,848	07050302
Jena, Debdeep Kosel, Thomas H.	Transport of Electrons and Phonons in MBE-grown InN: Role of Structural Defects	National Science Foundation	\$299,992	07050301
Xing, Huili	A sensitive nano-optical gate based on hybrid photosystem-protein/sem junctions	Private Foundation	\$68,999	07050335
Snider, Gregory L. Lent, Craig S. Solomon, David R. Kogge, Peter M.	NIRT: Silicon-based QCA Nanosystems-Linking Devices and Architecture	National Science Foundation	\$1,200,000	07050352

Proposals submitted during the period Nov-01-2006 to Nov-30-2006

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Chaudhary, Amitabh Chen, Danny Z. Hu, Xiaobo Niemier, Michael T.	NER: Interconnect for Implementation of the QCA Device Architecture	National Science Foundation	\$128,775	07050338
Department or Office:	Nuclear Structure Laboratory			
Garg, Umesh	Research on Nuclei	Argonne National Laboratory	\$34,493	07050307
Department or Office:	Radiation Laboratory			
Kuno, Masaru K. Kamat, Prashant V.	Solution Based Nanowire Heterostructures for Photovoltaic	Department of Energy	\$443,746	07050329
Department or Office:	Robinson Community Learning Center			
Caponigro, Jerome V.	Lunch & Learn	Private Foundation	\$5,000	07050299

Proposals for Instructional Programs

Department or Office:	Kellogg Institute for International Studies			
Schierling, Sharon K. Blum, Susan D.	UISFL proposal	Department of Education	\$180,000	07050357

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