



## Faculty Scholarship at Whitworth

**Who We Are** The Whitworth faculty includes 138 Christian teacher-scholars. These committed teachers engage in scholarship to advance their understanding of the world and bring new discoveries into their classrooms. Organizations beyond our campus have recognized the high quality of our faculty scholarship, and they support Whitworth research programs. Whitworth faculty members have received research grants from a broad range of organizations, including the Fund for the Improvement of Post-Secondary Education, the M.J. Murdock Charitable Trust, NASA, The National Endowment for the Arts, and the National Science Foundation.

**What We Do** Whitworth faculty members are engaged in a wide array of research and scholarship projects. The work of our natural scientists includes investigating the physics of electric propulsion, studying organometallic chemistry in aqueous solutions, and reviewing Fibonacci numbers as quantum analogs. Scholars in the humanities conduct their daily classes and publish poetry, analyze histories of the American colonial and antebellum south, and compose biblical commentaries. In the course of their other teaching and research responsibilities, social scientists examine the effects of regional trade agreements on trade policy stability, analyze the impact of sexual abuse on male partners of female survivors, and evaluate ideas for reconstructing the political culture in Liberia. And faculty in the arts teach, perform, contribute to exhibits, and create arrangements for jazz ensembles, direct staged readings in Spokane theatres, and display artwork based on and inspired by Gulf Coast communities in crisis.

**Why We Do It** While teaching remains the central faculty responsibility at Whitworth, scholarship is also crucial. Faculty scholarship models lifelong learning for our students while keeping faculty members immersed in the joy of discovery and connected to the broader conversations of their academic disciplines. Some faculty conduct research and write monographs with their undergraduate students in special research programs that mentor students for graduate study. Some address disciplinary problems from explicitly Christian viewpoints as a unique contribution to discussions in the wider academy. And some integrate new knowledge into governmental policies and social programs to serve humanity. Regardless of faculty members' motivation, their dedication leads to a common outcome: the discovery and synthesis of knowledge to serve humanity.

**Why We Want You to Know about It** The purpose of this annual publication is to share some of the ways in which Whitworth's faculty contributes to the world of knowledge. In the following pages you will read about recent publications, scholarly presentations, professional service, research grants, fellowships and awards. You will also read (on the following page) the faculty-authored definition of scholarship and see how Whitworth faculty members engage across the four primary types of scholarship. While this publication is not comprehensive, it does highlight the breadth and depth of faculty scholarship at Whitworth as it provides a small taste of the fruit of the productive work of the university's teacher-scholars.

# The Whitworth Concept of Scholarship



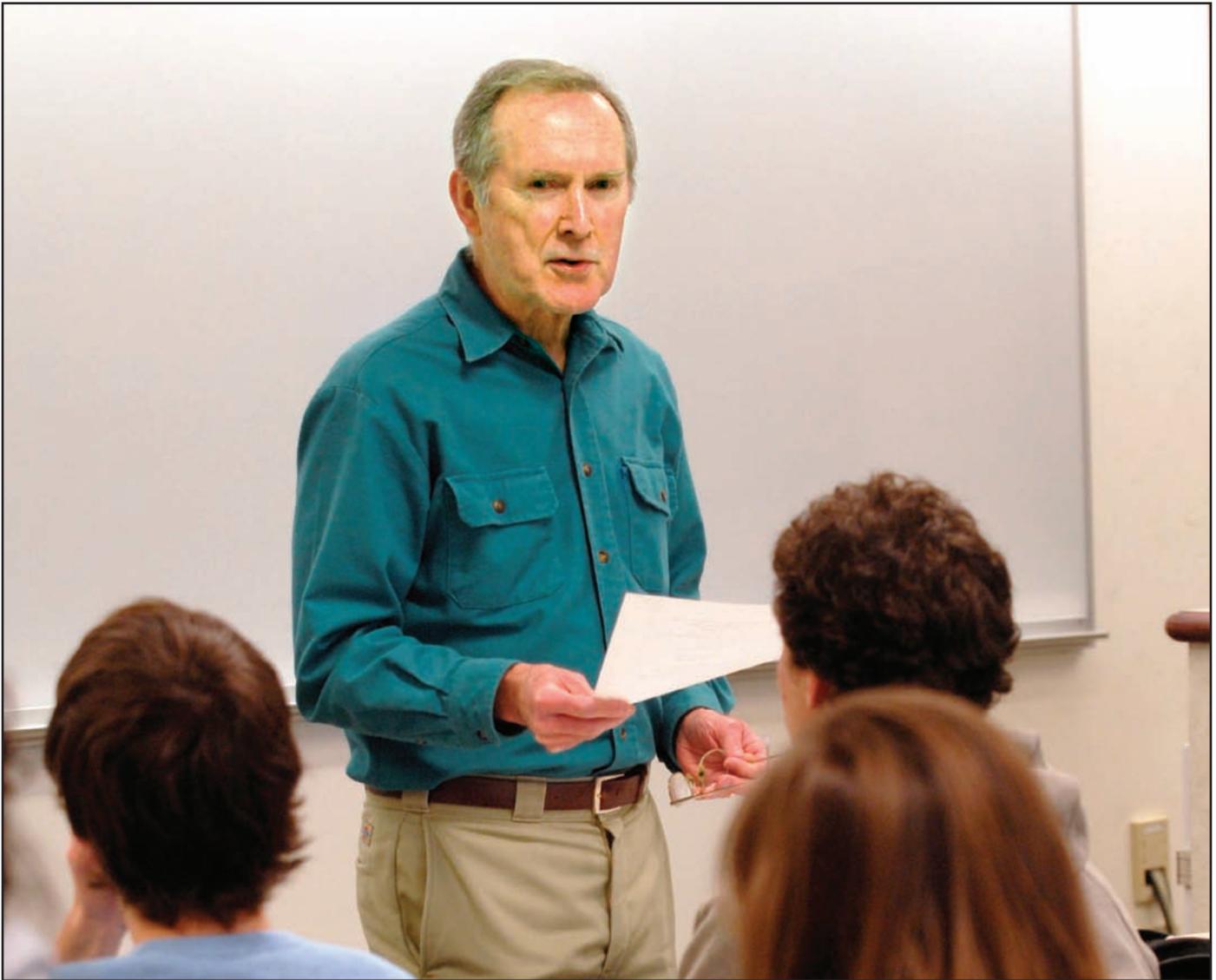
Whitworth University seeks to be a community of Christian teacher-scholars learning and growing together with our students. Whitworth affirms the vital importance of both scholarly activity and classroom teaching, and sees the two as mutually beneficial and fundamentally integrated in developing the minds and hearts of both students and faculty.

The concept of scholarship at Whitworth University recognizes the value of all who are engaged in critical thinking and intellectual pursuits that include the creation, discovery, integration, analysis and application of ideas. While our definition reflects our identity as a small liberal-arts university dedicated to teaching and to a wide range of service opportunities and professional development, it also recognizes the traditional concept of scholarship informing the wider realm of academia.

Scholarship at Whitworth University is defined as systematic, focused attention on a question, problem, or idea – attention that is characterized by expertise, originality, analysis and significance. Scholarship results in a product that is shared with appropriate peer audiences within the wider academic community through media such as publication, performance, exhibitions, presentations, and workshops.

Scholarship may explore new territory, build upon what is known, or interpret what is given; it results in a product or offering that contributes to the broader world of knowledge. A scholar is an active learner who brings his or her experience and knowledge into the classroom. Scholars manifest and model the qualities of exemplary students: Scholars ask questions, seek answers, look for connections, engage in problem-solving, and apply what they have learned. Good scholars, like good students, demonstrate a lifelong commitment to the pursuit of knowledge.





## Published Books



Hans Bynagle, *Philosophy: A Guide to the Reference Literature*, third edition (Libraries Unlimited, 2006)

Brent Edstrom, *Oscar Peterson Plays Standards* (Hal Leonard Publishing Corporation, forthcoming 2007)

Marc A. Hafso, choral arrangement, *Down in the River to Pray*, SATB voices, a cappella (Colla Voce Music, Inc., 2007); choral work, "Sanctus" (from *Missa Pacem*), SATB voices, with piano and optional percussion (Colla Voce Music, Inc., 2007); Choral work, "Gloria" (from *Missa Pacem*), SATB voices, with piano and optional percussion (Colla Voce Music, Inc., 2007)

Michael K. Le Roy, *Comparative Politics*, fourth edition (Wadsworth, 2007)

Jim McPherson, *Journalism at the End of the American Century, 1965-Present* (Greenwood, 2006)

Alan Mikkelson, *The Biology of Human Communication*, second edition, with K. Floyd and C. Hesse (Thomson Learning, 2007)

Roger Mohrlang, commentary on *Romans and Galatians* in *Cornerstone Biblical Commentary*, Vol. 14, with Gerald L. Borchert (Tyndale Press, 2007)

James Waller, *Becoming Evil: How Ordinary People Commit Genocide and Mass Killing*, second edition (Oxford University Press, 2007)

## Published Articles (Refereed)

Vic Bobb, " 'Going Mobile': Buck Rogers Never Dreamed of Technology Such As We Take For Granted," *IT Trends*, Q3 (2006); "Making Full Use of the 'I' in IT: The Benefits of Collaboration, Network, and Cooperation," *IT Trends*, Q3 (2006); "Open-Source Software...Is It The Future As Well As the Past?" *IT Trends*, Q1 (2007); "Chasing Butterflies Across the Prairie: The Fascinating Life of Plenty-Coups," *4RealTeens* (April 2007); "Face Down in the Mud: 184 Years of Rough-and-Tumble Rugby," *4RealTeens* (May 2007); "It's Always Changing," Nespelem Valley Electric Cooperative *Ruralite* (June 2007); "Past, Present, and Future: All AOK," *Ruralite* (May 2007); "Cortney's Juggling Act," *Ruralite* (March 2007); "More Blessings Than She Can Count," *Ruralite* (February 2007); "Not Everybody Likes To Play Basketball," *Ruralite* (February 2007); "In the Fight to Win," *Ruralite* (January 2007); "Good Food, Good Company: NVEC Celebrates 67th Annual Meeting on a Positive Note," *Ruralite* (December 2006); "Aiming for a Champion," *Ruralite* (September 2006); "Ridin' and Ropin'," *Ruralite* (July 2006)

Drew Budner, "High Speed, High Resolution and Continuous Chemical Analysis of Ice Cores Using a Melter and Ion Chromatography," *Environmental Science Technology*, 40 (Nov. 1, 2006)

Nadine Chapman, "A poetics of servant-leadership," *The International Journal of Servant-Leadership*, 2(1), 377-398 (2006)

James Edwards, book review of David Wells's *Above All Earthly Powers*, in *Princeton Seminary Bulletin*, XXVII(2), 180 (2006); "Hearing is Believing," *Christian Reflection*; "The Servant of the Lord and the Gospel of Mark," *Biblical Interpretation in Early Christian Gospels: The Gospel of Mark*, ed. T. R. Hatina (June 2006)

Laurie Lamon, "Pain Thinks of Something Biography," a poem in *Ploughshares* and *Poetry & Fiction*, 101, 32/4 (Winter 2006)

John Larkin, "Robotics projects as an integration exercise in a sophomore-junior level analog electronics course," *American Journal of Physics*, 74 (2006)

Lisa Laurier, "Inquiry, Insight and Civic Engagement: Re-visioning the community-based service-learning project in pre-service literacy methods courses," *The Journal for Civic Commitment* (January 2007)

Alan Mikkelson, "The influences of brain dominance and sex on emotional expressivity, sensitivity, and control," *Communication Quarterly*, 54 (2006); "Affectionate writing reduces total cholesterol: Two randomized, controlled trials," *Human Communication Research*, 33 (2007); "Human affection exchange XIV. Relational affection predicts resting heart rate and free cortisol secretion during acute stress," *Behavioral Medicine*, 32 (2007)

Finn Pond, "The Evolution of Biological Complexity," *Reports of the National Center for Science Education* v. 26(3) (2006); "Intelligent Design: The New Vitalism," *Reports of the National Center for Science Education*, 26, 1-2 (2006)

Richard Schatz, "Mercantilism as the Prevailing Paradigm in Malaysian Economics: An Essay," published as a working paper, faculty of economics and business, University of Malaysia, Sarawak (UNIMAS) (May 2007)

Gerald Sittser, "Protestant Missionary Biography as Written Icon," *Christian Scholar's Review*, XXXVI (3) (Spring 2007); "Faithful Citizens: Being American and Christian," a review essay in *Christian Century* (July 11, 2006)

Julia Stronks, "Mixing It Up: Faith, Politics and Citizenship," *Ideas! For Church Leaders*, 5, Presbyterian Synod USA (2006)



James Waller, "Deliver us from evil: Genocide and the Christian world," a chapter in *Christianity and Human Rights*, ed. Frederick M. Shepherd (2007); "Racial clearings: Not just a 'southern strategy'," *Alternate History Anthology* (2007); "Deliver us from evil: Genocide and the Christian world," *The Contexts of Religion and Violence: Journal of Religion and Society Supplement Series 2*, ed. Ronald A. Simkins (2007); "The ghost in the machine: Human evolution may allow us to commit genocide, but that's no excuse," *Science & Theology News*, 28 (July/August 2006); "Becoming evil: A model of how ordinary people commit genocide and mass killing," *Lessons and Legacies VII: The Holocaust in International Perspective*, ed. Dagmar Herzog (2006); "Becoming evil: How ordinary people commit genocide and mass killing," *The Psychology of Resolving Global Conflicts: From War to Peace*, 1, eds. Mari Fitzduff and Chris E. Stout (2006)

Ginny Whitehouse, "Diversity, Ethics and the News," chapter in *Media Ethics Handbook*, mult. eds. (2008); "The Mayor and His Computer," *Media Ethics: Issues and Cases by Philip Patterson and Lee Wilkins* (2007); "Arnold Schwarzenegger," an entry in *Encyclopedia of Political Communication* (2008)

Noelle Wiersma, "The Wesleyan Tradition and Qualitative Inquiry in Contemporary Counseling Psychology: Heart and Mind as Art and Science," *Christian Scholar's Review*, 36, 2 (2007)

John Yoder, review of Mary Moran's *Liberia, The Violence of Democracy*, in *International Journal of African Historical Studies*, 39, 3 (2006)



## Published Articles (Non-refereed)

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Laura Bloxham, "Alice Walker," *Southern Writers: A New Biographical Dictionary*, ed. Joseph Flora, et al., Louisiana State University Press (invited entry) (2006); review of Marilynne Robinson's *Gilead*, in *Dialog: A Journal of Theology*, 46 (1), 81-82 (2007)

Benjamin Brody, contribution to "Must-Have Repertoire for the 21st Century Sacred Music Library, Part I," in *Choral Journal*, (February 2007)

Linda Buff, "The King and the Maiden," Meriwether Publishing, Ltd./Contemporary Drama Service, Colorado Springs, Colo. (2006)

Hans Bynagle, review of Joel B. Green & Stuart Palmer, eds., "In Search of the Soul: Four Views of the Mind-Body Problem," *Christian Scholar's Review*, 35 (4), 540-545 (Summer 2006)

Karin Heller, "Pax omnium rerum tranquillitatis ordinis – Peace, of all things, is the calm that comes of order" (Augustine, *De Civ. Dei*, XIX, 13) (2006); website of the D.B. Reinhart Institute for Ethics in Leadership, Viterbo University, La Crosse, Wisc.; "Justice, Order and Peace: a Reading of Augustine's City of God, Book XIX, in the Light of His Conversion Experience"

James Hunt, "John Muir's Passage Into Leadership," *The Global Citizen*, 32-37 (Fall 2006)

Daniel Keberle, jazz ensemble arrangements published by University of Northern Colorado Jazz Press: *August Day Song*, by Bebel Gilberto, arranged for jazz ensemble by Dan Keberle (forthcoming); *Chief Blackwater*, by Kenny Garrett, arranged for jazz ensemble by Dan Keberle; *Doc Tones Short Speech*, by Kenny Garrett, arranged for jazz ensemble by Dan Keberle; *Sing a Song of Songs*, by Kenny Garrett, arranged for jazz ensemble by Dan Keberle

Tami Robinson, index to *Take the Train to Town: The History of the Railroads in Bonner County, Vol. 1*, by Paul Rechnitzer (2006)

Kamesh Sankaran, "Simulation of Production and Propagation of Magnetic Fields in the Compact Pulsed Power Facility," preliminary report through Washington State University to the Office of Naval Research contract #N00014-04-1-0668 (2007); "Simulation of Plasma Flows in Magnetic Nozzles for Spacecraft Propulsion," NASA internal report, WC-MSFC-MHDSim-01 (2006)

Judith Schoepflin, "Certification," in *Overtones*, monthly newsletter of the Spokane Music Teachers Association, chapter of the Washington State Music Teachers Association (June 2007)

## Formal Presentations

Forrest Baird, "C.S. Lewis and the Abolition of Man," Socratic Club at Gonzaga University, Spokane (December 2006)

Philip Baldwin, "Orchestral Essentials: Techniques Every Violinist Must Know," National Conference of the American String Teachers Association (ASTA), Detroit (March 2007); "A discussion of the various strokes, how to teach them, when to use them, and the clues in the score which help you determine which stroke to use," bowing workshop, Gonzaga University, Spokane (March 2007); invited musician, SSO conducting master-class, Gonzaga University, Spokane (March 2007)



Keith Beebe, "The McCulloch Manuscripts of the Cambuslang Revival, 1742: Scotland's First Oral History Project," Pacific Northwest Religion AAR/SBL, Spokane (May 2006)

Benjamin Brody, "Sacred Music Reading Session" [planned, accompanied, conducted], "Convention Ecumenical Service" [liturgist, planned, conducted], and "The Future of Choral Music in Worship" [planned, presented at a roundtable session], for the National Convention of the American Choral Directors' Association, Miami, Fla. (March 2007); worship leader/planner for Presbyterian Global Fellowship Conference, Atlanta; "Global Church Music," for meeting of the Synod of Alaska/NW (PCUSA), Spokane (June 2006); "Evangelism in our Postmodern World" [led worship and presented], Presbytery of the Cascades Conference, Oakville, Ore. (Fall 2006)

David Cherry, "The Preparation of Culturally Responsive Teachers in the MIT Program at Whitworth," Northwest Association of Teacher Educators, Seattle

Robert Clark, "The Changing Academic Ecology of Sociology," presidential session at Pacific Sociological Association meetings, Oakland, Calif. (March 2007)

O.J. Cotes, "Exemplary Approaches to Preparing Culturally Responsive Teachers" (co-presented), Spokane Area Teachers of Reading and Spokane Area Librarian Association, Spokane (March 2007); "Cultural Competency, Activities to Increase Awareness," Washington State Teaching Academy State Conference, Yakima, Wash. (May 2007)

Virgil Dedas, "Voyager In Technical Services: Keep It Simple," The National Enduser Conference, Chicago (April 2007)

James Edwards, "How Can Our Denomination Become What It Ought to Be?" Presbyterian Coalition Dinner at General Assembly of the PCUSA, Birmingham, Ala. (June 2006); "Reformed Theology," Tualatin Presbyterian Church, Portland, Ore. (November 2006)

Karin Heller, "Marriage in the Context of the Reformation and the Tridentine Reactions," Pacific Northwest American Academy of Religion (AAR)/Society of Biblical Literature (SBL), and American Society of Religion meeting, Spokane (May 2006); "Toward a Common Understanding of the Lord's Supper," Pacific Northwest Religion AAR/SBL, and ASOR meeting, Spokane (May 2006); "Justice, Order, and Peace in Augustine's *City of God*, Book XIX, in the Light of His Conversion Experience," Conference on the Cardinal Virtues: Justice, D.B. Reinhart Institute for Ethics and Leadership, Viterbo University, La Crosse, Wis. (April 2007)

Rick Hornor, "Theatre in Community and Worship," Re-Imagining the City international conference, Centre for Urban Mission, Carlile College, Nairobi, Kenya (April 2007);

Pastors' Workshop, Ilchartunyani, Kenya (April 2007); "Seeking God's Guidance for Vocation and Calling," Coptic Church, Nairobi, Kenya (May 2007); "How to teach public speaking to secondary students," mini-workshops for African teachers, the Commission of Arts and Education, American Embassy, Nairobi, Kenya (April 2007)

Peggy Johnsen, "Literacy Investigations in Science" (co-presented), WSTA Word conference (October 2006); "Investigating Science through Literature," Northwest Association of Teacher Educators (March 2007); "Exemplary Approaches to Preparing Culturally Responsive Teachers" (co-presented), Spokane Area Teachers of Reading and Spokane Area Librarian Association, Spokane (March 2007)

Laurie Lamon, poetry reading as recipient of the Witter Bynner Fellowship from the Poet Laureate of the United States, Library of Congress, Washington, D.C. (March 2006)

John Larkin, invited speaker (James Gerhart Lecture), "Exploring the Inner Light: Tissue Optics and Other Examples of the Integration of Biophysics into the Curriculum," Pacific Northwest Association for College Physics Annual Meeting, Vancouver, Wash. (April 2007)

Melinda Larson, "Ultrasound Revisited," Northwest Athletic Training Clinical Symposium, Vancouver, Wash. (March 2007); "Critical Thinking in Electrotherapy," Northwest Athletic Training Clinical Symposium, Vancouver, Wash. (March 2007)

Margie LaShaw, "The Adequacy of Church Financial Reporting in Eastern Washington," Christian Business Faculty Association Meeting, Cedarville, Ohio (October 2006)

Lisa Laurier, "What teachers know about phonemic awareness," Northwest Association of Teacher Educators Annual Conference, Seattle (March 2007); "Engaging adolescents in reading comprehension through extended literacy projects" (co-presented), Middle School Special Interest Group of the International Reading Association Annual Conference, Toronto (May 2007)

Margo Long, "Gifted 101" (for the Mary Frazier Scholars, teachers of underrepresented gifted students), at the National Association for Gifted Children Conference, Charlotte, N.C. (November 2006); in-service facilitator, "Restructuring the Gifted Program for Middle School Curriculum," West Valley School District, Yakima, Wash. (March/April 2007); keynote speaker, "Coping with Change," Olympic College Service Luncheon, Bremerton (April 2007); keynote speaker, "Coping with Change," State Placement Directors Conference, Lake Chelan (September 2006)



Susan Mabry, "Future in Computing Initiative," Washington State University, Spokane (April 2007); "Crosswinds of Faith: Science and Technology Series," Colbert Presbyterian Church, Spokane (Spring 2007)

Arlin C. Migliazzo, "Teaching as an Act of Faith," faculty forum workshop, Concordia University, Portland, Ore. (February 2007)

Alan Mikkelson, "Understanding Discussions of Religious Topics and Ideas: Narrative Accounts of Positive and Negative Interactions" (co-presented), Western States Communication Association, Seattle (February 2007); "Relational Maintenance, Relational Outcomes, and Sex Differences, in Adult Sibling Dyads," National Communication Association, San Antonio (November 2006)

Karla Morgan, "Trade and Economic Growth: The Role of Trade Policy Instability," American Economic Association Allied Social Science Associations (ASSA) Program: Trade, Economic Integration, Labor Market Flexibility and Growth, Chicago (January 2007)

Sharon Mowry, "Higher Education IN ACTION: Teacher, Principal and Counselor Certification = Front Loading State Reform," OSPI January Conference, Seattle (January 2007); "Process of Facilitating In-Service Teacher Reflection" (co-presented), AILACTE Annual Meeting, New York City (February 2007)

Deanna Ojennus, "Protein Crystallization: A Multi-Week Biochemistry Lab Project with Minimal Classroom Time Constraints," 2006 Washington College Chemistry Teacher's Association (WCCTA) Fall Conference, Leavenworth (October 2006)

Pamela Corpron Parker, keynote speaker, "Nineteenth-Century Literary Tourism," Open University, London (June 2007)

Barbara Sanders, "Process for Facilitating In-Service Teacher Reflection" (co-presented), Association of Independent Liberal Arts Colleges for Teacher Education (AILACTE) Annual Meeting, New York City (February 2007)

Michael Sardinia, invited speaker, "What do MMPs, AIV and IRAP have to do with memory?" Science Colloquium Series, Pacific University, Forest Grove, Ore. (March 2007)



Judith Schoepflin, "Art Music for Intermediate Piano Students by Women Composers," Yakima/Ellensburg Chapter of Washington State Music Teachers Association, Ellensburg (April 2007); "Why Not Teach Something New? Contemporary Piano Music for Intermediate Pianists by Women Composers," Washington State Music Teachers' Conference, Washington State University (June 2007)

Gerald Sittser, "Spirituality of Early Christian Community and Spirituality of the Desert Saints," Hope College, Holland, Mich. (October 2006)

Corliss Slack, "British Crusade Shrines: Rosary around Walsingham," Western Association of Women Historians, San Diego (May 2007); "British Crusade Shrines: East Anglia," World History Association Annual Meeting, Milwaukee (June 2007)

Julia Stronks, keynote and workshop speaker, "Faith and Work: Every Square Inch," Center for Faith and Work Conference, New York City (December 2006)

Ann Teberg, "Connecting Reading and Writing in the Content Subjects," 18th West International Reading Association Regional Conference, Kona, Hawaii (November 2006); "Active Students: Responses to Literature," Washington Organization for Reading Development, SeaTac, Wash. (February 2007)

Adrian Teo, "The influence of adaptational patterns on academic achievement," Western Psychological Association's 87th Annual Convention, Vancouver, B.C. (May 2007)

Peter Tucker, keynote speaker, "My Road to IT: A Day in the Life of an IT Professional," Future in Computing Event, Spokane (February 2007); keynote speaker, "My Road to IT: A Day in the Life of an IT Professional," Vandal Days, University of Idaho, Moscow (March 2007); Life After Graduation Symposium Panel, Association for Computing Machinery Special Interest Group on the Management of Data (ACM SIGMOD) Conference 2006, Chicago (June 2006)

James Waller, "Leadership and the social construction of evil," Community Colleges of Spokane Leadership Development Program, Spokane (April 2007); "Becoming evil: How ordinary people commit genocide and mass killing," Holocaust Lecture Series, Sonoma State University, Rohnert Park, Calif. (March 2007); "Becoming evil: How ordinary people commit genocide and mass killing," Holocaust Center of Northern California, San Francisco (March 2007); "Childhoods lost: The making of child soldiers," A Peace Conference: Causes of Conflict, Conditions for Peace, sponsored by Gonzaga University and the United States Institute of Peace, Spokane (March 2007); "Deliver us from evil: The public role of indigenous religious institutions in genocidal violence," 37th meeting of the Annual Scholar's Conference on the Holocaust and the Churches, Cleveland, sponsored by the Samuel Rosenthal Center for Judaic Studies at Case Western University (March 2007); "Becoming evil: How ordinary people commit genocide and mass killing," Perpetrators during the Nazi Dictatorship Workshop, sponsored by the Stanley Burton Centre for Holocaust Studies at the University of Leicester, Leicester, England (May 2006)

Ginny Whitehouse, "Creating a Pedagogy against Plagiarism," Workshop for Teaching Ethics in Journalism and Mass Communication, sponsored by the Media Ethics Division of the Association for Education in Journalism and Mass Communication, San Francisco (August 2006)

Noelle Wiersma, "Secondary Traumatic Stress Responses among Photojournalists and News Reporters" (co-presented with students), 86th Annual Convention of the Western Psychological Association, Vancouver, B. C. (May 2007)

Betty Williams, "Biomedical Research on Autism: Separating Science from Science Fiction" (co-presented), Council for Exceptional Children, Salt Lake City (April 2006)

Nicholas Willis, "How to classify singular points," Greater Spokane Area Monthly Colloquium, Spokane (April 2007); "Singular points of real sextic curves," Pacific Northwest Regional Mathematical Association of America (MAA) conference, McMinnville, Ore. (April 2007)

Keith Wyma, "Four Rival Models of Ethical Decision-making," co-leader of the Ethics and Public Service Values seminar at the Eastern Management Development Center for the federal government (September 2006); keynote speaker, "The Thomistic View of Civil Disobedience," third annual Gonzaga University Graduate Philosophy Conference, Spokane (March 2007)

John Yoder, "Measures of Democratization: A Comparison of Elections in Liberia and the Democratic Republic of Congo," Liberian Studies Association Annual Meeting, Bloomington, Ind. (March 2007); "What Book is That You Know? Reflections on the 2005 Liberian Elections," African Studies Association Annual Meeting, San Francisco (November 2006)

## Juried Shows



Philip Baldwin, violin soloist, J. S. Bach, *Concerto for Two Violins in D minor*, Coeur d'Alene Symphony (November 2006); H. Wieniawski, *Violin Concerto No. 2 in D minor*, Coeur d'Alene Symphony (June 2006); L. van Beethoven, *Triple Concerto for Violin, Cello and Piano in C Major, Op. 56*, Coeur d'Alene Symphony (May 2007)

Nadine Chapman, salon and dinner for Spokane Community College professors and instructors. Conversation and discussion of her essay, "The Demon's Looking Glass," with other essayists from *At Work in Life's Garden*, Spokane (April 2007)

Brent Edstrom, compositions: *Seascapes*, performed by Coeur d'Alene Symphony (October 2006), performed by Whitworth Orchestra (April 2007); *Fanfare*, performed by Whitworth Wind Symphony (April 2007); *Emerald City*, performed by Coeur d'Alene Symphony (October 2006); *Uncommon Journey*, performed by Whitworth Wind Symphony (May 2007); *Christmas Love Song* (arrangement), performed by Spokane Jazz Orchestra (December 2006). Performances: Spokane Jazz Orchestra (March and May 2007); Coeur d'Alene Symphony (October 2006); Spokane Symphony (September 2006 and January 2007); and selected movements from *Goldberg Variations*, Annual Bach Festival (February 2007)

Marc A. Hafso, guest conductor, Washington Music Educators Association (WMEA) Junior All-State Choir, Olympia (October 2006)

Daniel Keberle, director, Whitworth Jazz Ensemble, Music Educators National Conference, Portland, Ore. (February 2007)

Scott Kolbo, *A Buck Shy*, a two-person exhibit with Howard Barlow, Lorinda Knight Gallery, Spokane (May 2007)



Laurie Lamon, poetry readings from *The Fork Without Hunger*, *The Naturalist's Diary* on the Martha Stewart Living Radio (Sirius): "Ordinary Beauty" (May 2006); "Potato" (August 2006); "The Day" (October 2006); poetry reading, Eastern Oregon University (November 2006); Poetry reading, Portland State University (October 2006)

Richard Strauch, conductor, Whitworth Wind Symphony, Music Educators National Conference, Portland, Ore. (February 2007)

Diana Trotter, director, *Dusk*, Spokane Civic Theatre, Spokane (Spring 2007)

Gordon Wilson, national exhibits: *Northwest Art Centers' 36th Annual Americas 2000: Paper Works Exhibition*, Minot State University, Minot, N.D. (January/February 2007); *Bread Upon the Waters*, CIVA traveling exhibit, Hope Chapel, Austin, Texas (May 2006); Solo Projects: *Plein Air Down Under*, Tinman Artworks Gallery, Spokane (October 2006); *Communities in Crisis*, Koehler Gallery, Whitworth, Spokane (February 2007); Invitational: *A Red Shoe Event*, Spokane Advertising Federation to support Robideaux Scholarship, The Spokane Club, Spokane (December 2006); *Works From the Heart Contemporary Art Exhibition*, Northwest Museum of Art and Culture, Spokane (April 2007)

## Non-juried Shows



Philip Baldwin, violin performances with Spokane Symphony Orchestra: A. Glazunov, *Raymonda Suite*; A. Khachaturian, *Concerto for Piano*; P. I. Tchaikovsky, *Symphony No. 6 "Pathétique"*; A. Webern, *Langsamer Satz*; J. Brahms, *Concerto for Violin*; J. Brahms, *Concerto for Piano No. 1*; J. Brahms, *Requiem*; Z. Kodaly, *Harry Janos Suite*; F. Mendelssohn, *Violin Concerto*; B. Bartok, *Concerto for Orchestra*; O. Golijov, *Night of the Flying Horses*; T. Yoshimatsu, *Cyberbird Concerto for Saxophone*; H. Berlioz, *Symphonie Fantastique*; W. A. Mozart, *Concerto for Two Pianos*; F. Poulenc, *Concerto for Two Pianos*; Gliere arr. Stokowski, *Symphony No. 3 "Ilya Murometz"*; G. Gershwin, *Porgy and Bess*; G. Gershwin, *Rhapsody in Blue*; G. Gershwin, *American in Paris*; E. Bloch, *Schelomo*; L. Van Beethoven, *Symphony No. 7*; F. Mendelssohn-Bartholdy, *Symphony No. 5 "Reformation"*; C. Orff, *Carmina Burana*; A. Liadov, *Baba-Yaga*; F. Schmitt, *La Tragedie de Salome Suite*; B. Smetana, "Sárka" No. 3 from *Má vlast*; A. Berg, *Lulu Suite: Variations*; S. Prokofiev, *Cinderella Suites*; G. Holst, *St. Paul's Suite*; F. Liszt, *Hungarian Rhapsody No. 2*; F. Mendelssohn, *Selections from "A Midsummer Night's Dream."* Repertoire performed as concertmaster of the Coeur d'Alene Symphony: W. A. Mozart, *Marriage of Figaro* (complete opera); H. Berlioz, *Roman Carnival*; C. Saint-Saens, *Danse Bacchanale*; F. David, *Concertino for Trombone, Op. 4*; J. Brahms, *Symphony No. 4 in E minor, Op. 98*; O. Respighi, *The Fountains of Rome*; G. F. Handel, *Harp Concerto Op. 4 No. 6*; J. Brahms, *Violin Concerto*; C. M. von Weber, *Clarinet Concerto*; G. Yasinitsky, *Flute Concerto*; S. Rachmaninoff, *Piano Concerto #2*; R. Schumann, *Symphony No. 1 in B Flat Major "Spring" Op. 38*. Concerts as conductor, Coeur d'Alene Symphony: W. A. Mozart, *Violin Concerto No. 3*; W. A. Mozart, *Horn Concerto No. 3*; W. A. Mozart, *Oboe Concerto*; W. A. Mozart, *Symphony No. 18 in D*. Concerts as conductor, Spokane Symphony Orchestra: Boccherini, *Sinfonia in D* (2006-07 season)

Linda Buff, Christmas play with original music, *A Thousand Stars*, performed at Northwood Presbyterian Church (December 2006)

Deborah Hansen, arranging/editing (unpublished), *Angels Of Heaven* (shaker song) for SSAA; *A Savior From on High* (Stephen Paulus) for SSAA; *Dulaman* (Michael McGlynn) for SSAA; *Soon as I Get Home* (Roscoe Corner) for SATB; *Use Me, Lord* (Gospel) for SATB/solo.



Marc Hafso, guest conductor, Centennial and Eagle High Schools' Choral Day, Boise, Idaho (January 2007)

Rick Hornor, directed and adapted for 21 actors, *With Bonds of Love*, a one-act play about Hosea and Gomer written for three actors. Adapted for a cast of African university actors and performed for the Daystar University community in Nairobi, Kenya (April 2007)

Daniel Keberle, music director, Spokane Jazz Orchestra; educational clinics and concerts, Riverside High School and Medical Lake High School; Spokane Jazz Society Board of Directors; Trumpet, Spokane Symphony Orchestra (2006-07 season)

Brooke Kiener, director, *Sonnet 23*, Playwrights Forum Festival, Spokane Civic Theatre (June 2006); Performed in *Dusk*, Spokane Civic Theatre (May 2007)

Laurie Lamon, poetry reading, Wave Press Bus Tour, Auntie's Bookstore, Spokane (September 2006)

Richard Strauch, second trombone (115 services), Spokane Symphony Orchestra, Spokane (2006-07 season)

Diana Trotter, re-staged *Lonely Planet*, benefit fund-raiser for Spokane Civic Theatre (Spring 2007); narrator/reader, Whitworth Choir Christmas concerts (fall 2006); dramatic reading, *Passion*, St. Mark's Lutheran Church (spring 2007); multiple public performances, Ashe Drum & Dance Company (2006-07)

Gordon Wilson, *Eye for Art*, Spokane high school art exhibit/fund-raiser for Mead School District programs, Spokane (March 2007)

# Professional Service, Leadership and Consulting

Ángeles Aller, advanced placement Spanish faculty consultant; document rater, Educational Policy Improvement Center; Spanish translator, [www.lectionary.org](http://www.lectionary.org)

Christie Anderson, Mayor's Economic Development Council Transitional Team



Forrest Baird, teacher, Fuller Theological Seminary Southwest in Phoenix; teacher, Fuller Theological Seminary Northwest in Seattle; judge, Ethics Bowl at Whitworth

Philip Baldwin, adjudicator, Spokane Symphony Concertmaster Auditions; past president, Washington State Chapter of American String Teachers Association; invited participant, conducting master-class sponsored by the Spokane Symphony and taught by maestro Eckart Preu

Benjamin Brody, NW Division ACDA repertoire and standards chair, music in worship; consultant on church worship/music, St. Stephen's Episcopal Church

Drew Budner, peer reviewer of a manuscript for publication, *Journal of Geophysical Research: Atmospheres*

Nancy Bunker, Future Search Conference, Washington State Library

Sean Bushey, chair, NWC women's soccer; NCAA men's soccer regional ranking committee; traveled with the '92 Boys Region IV Olympic Development Team to Costa Rica.

Hans Bynagle, peer evaluator, Northwest Commission on Colleges and Universities; board member and Whitworth representative, *Christian Scholar's Review*; treasurer and manager, Inland Northwest Council of Libraries (INCOL); compiler of annual library statistics, Northwest Association of Private College & University (NAPCU) Libraries; Whitworth representative on governing board, Inland Northwest Library Automation Network (INLAN); mentor to a new college library director, sponsored by the Association of College and Research Libraries

Lee Anne Chaney, consultant, advanced-placement biology

David Cherry, treasurer, Washington Association of Teacher Education (WACTE)

O.J. Cotes, chair, diversity report: K-12 subcommittee, Governor's Committee to Restructure the Schools; Spokane School District Equity Committee

Heather Crandall, submissions reviewer, Visual Communication Division of the National Communication Association's Annual Conference; submissions reviewer, Media and Culture Division of the Northwest Communication Association's Annual Conference; publisher reviewer for *Bridges, Not Walls*

Mike Ediger, district chair, College and University Athletic Training Students Committee, Northwest Athletic Trainers Association; national committee member College and University Athletic Training Students Committee, National Athletic Trainers Association; certified examiner, National Athletic Trainers Association Board of Certification Exam

Brent Edstrom, adjudicator, Washington State Music Teachers Association Composers Project; adjudicator, Boise Jazz Festival

Jolene Fisher, secretary, Washington Athletic Training Legislature; secretary/treasurer, Washington Athletic Trainers Association; qualified examiner, National Athletic Trainers Association Board of Certification

Marc A. Hafso, eastside representative, Washington American Choral Directors Association Board; chair, Canadian Choir Selection Committee for 2008 North West American Choral Directors Association Convention; music resource person, Naramata Centre, B.C.

Mike Ingram, host and judge, Northwest Regional Ethics Bowl

Kent Jones, judge and problem writer, ACM Intercollegiate Pacific Northwest Programming Competition



Daniel Keberle, adjudicator, Lionel Hampton Jazz Festival; adjudicator, Mead Jazz Festival Northwest; adjudicator, Columbia Basin College Jazz Festival; adjudicator, Bellevue Jazz Festival

Brooke Kiener, chair, Performing Arts Task Force, Spokane Arts Commission; Selection Committee, Playwrights Forum Festival, Spokane Civic Theatre

Scott Kolbo, Art Committee, Northwest Museum of Arts and Culture; Art Curator Search Committee, Northwest Museum of Arts and Culture

Laurie Lamon, judged poetry contests; mentored a local poet; wrote the introduction to *My Dream is Bigger Than I Am: Memories of Tomorrow*, poems by Akiane Kramarik

John Larkin, member, board of directors, Pacific Northwest Association for College Physics

Lisa Laurier, treasurer, Spokane Area Council of the International Reading Association; chair and treasurer, Whitworth Writing Rally; advisory board, Success by Six; board member, Spokane Editorial Review, association for *Independent Liberal Arts Colleges of Teacher Education Journal*; reading assessments consultation, Meadowridge CLI

Margo Long, consultant with Center for Gifted Education and Graduate Program alignment with Department/National Goals; State Advisory Board for Gifted Education; Leadership Conference Committee for Gifted Education

Susan Mabry, editorial board, *International Journal of Parallel and Distributed Systems and Networks*, International Association of Science and Technological Development (IASTED); editorial board, International Program Committee for International Conference on Modeling and Simulation, *IASTED Journal of Modeling & Simulation*; Technical Committee of IASTED Proceedings of International Conference on Modeling, Simulation & Optimization

Jim McPherson, co-chair, American Journalism Historians Association task force to assess and improve profile of media history as a subject in American college and university communication programs; editor of *The Intelligencer*, American Journalism Historians Association; Convention Sites Committee, American Journalism Historians Association

Randall Michaelis, appointed, Washington State Elementary Education Endorsement Committee; chair, Professional Education Advisory Board, Teacher Education

Alan Mikkelson, editorial board, *Journal of Family Communication*; panel chair, National Communication Association, Family Communication Division; reviewer, *Journal of Social and Personal Relationships*; reviewer, *Personal Relationships*

Sharon Mowry, president, Washington Council of Educational Administration Program; Curriculum Advisory and Review Council, advisory group to the Superintendent of Public Instruction on curricular issues in the state of Washington; Higher Education representative to the State Board of the Washington State Association for Supervision and Curriculum Development; Statewide Principal Professional Certificate Task Force in collaboration with OSPI

Adam Neder, outside reader for *International Journal of Systematic Theology*

Pamela Corpron Parker, chair, British Women Writers Association; Graduate Student Scholarship Award Coordinator

Tami Robinson, president, Fellowship of Christian Library and Information Specialists; past president, Fellowship of Christian Library and Information Specialists

Heather Rogers, vice president, Spokane Chapter of the Association of Certified Fraud Examiners

Brad Sago, Publication Advisory Board, *Annual Editions: Marketing 2007-08* (edition); speaking engagement clients: Avista Corp., Goodwill Industries of the Inland Northwest Board of Directors, Sterling Savings Annual Managers Meeting, Western Energy Institute

Barbara Sanders, peer evaluator, Northwest Commission on Colleges and Universities (NWCCU); Western regional representative, Association of Independent Liberal Arts Colleges for Teacher Education

Michael Sardinia, advisor, Washington State University College of Veterinary Medicine Draft Horse Club; Graduate Committee, Washington State University Neuroscience program; chemical synthesis consultant, Pacific Northwest Biotechnology

Richard Schatz, consulting services in forensic economics on six cases in Washington state

Judith Schoepflin, Washington State Music Teachers Association (WSMTA) Education Board; chair, Adjudications Committee, WSMTA; Musicfest Piano Advisory Board; piano concerto selector, Musicfest Young Artist Competition; coordinator, National Guild of Piano Teachers annual auditions; judge, Mid-Columbia Young Artist Competition

Karen Stevens, peer reviewer, *Journal of Chemical Education*; peer reviewer, *Journal of Environmental Health Perspectives*

Richard Strauch, clinician, Eastern Washington Music Educators Association Large Group (Concert Band) Festival

Doug Sugano, Act Six Leadership and Scholarship Initiative National Advisory Board

Raja S. Tanas, consulted and produced evaluation reports on the effectiveness of sex-education curricula on abstinence until marriage, Edinburg Consolidated Independent School District, in Edinburg, Texas, and the national office of Teen-Aid, Inc., in Spokane



Ann Teberg, higher-education representative, OSPI Reading Endorsement Competencies Review Committee; literacy representative, Washington Professional Educator Standards Board Skills Test Development Committee; president-elect 2006-07, Washington Organization for Reading Development; Whitworth liaison, Spokane Area Council of International Reading Association; site-based coordinator, "Teacher Preparation for Early Reading Instruction Study," U.S. Dept. of Education; reviewed chapters of *Literate Lives*, a reading methods textbook

Adrian Teo, advisory board, Christian Association for Psychological Studies' 50th-year celebration book project, *Psychology and Christianity Integration: Seminal Works That Shaped the Movement*

Peter Tucker, program committee, Institute of Electrical and Electronics Engineers (IEEE) International Conference on Data Engineering, Istanbul, Turkey; keynote speaker/chair, Consortium for Computing Sciences in Colleges (CCSC) *Northwest Conference*, Eastern Washington University

Patrick Van Inwegen, peer reviewer, *International Studies Perspectives*

Gordon Watanabe, Personal Leadership Program, Randolph-Macon Women's College; personal leadership seminars, Kyoto, Japan, and Colorado

Ginny Whitehouse, co-director, Annual Workshop on Teaching Ethics in Journalism and Mass Communication; research reviewer, Media Ethics Division of the Association for Education in Journalism and Mass Communication

## External Grants Awarded



Drew Budner, start-up research package for new position in chemistry from the M. J. Charitable Trust (\$50,000 awarded in 2005-2006 for research during 2006-2007)

Terry McGonigal, Whitworth Institute of Ministry grant from Presbyterian Church (USA) for scholarships to the 2007 Whitworth Institute of Ministry (\$3,000)

Sharon Mowry, Title II, Part B Mathematics and Science Partnership Program Eastern Washington Connections and inquiry grant evaluator for grant awarded spring 2007 (\$20,652)

Deanna Ojennus, co-director, LI-COR Genomics Education Matching Fund (GEMF) Program Grant for purchase of LI-COR Model 4300 DNA Analysis System (\$37,603.50, 2006)

Finn Pond, co-director, LI-COR Genomics Education Matching Fund (GEMF) Program Grant for purchase of LI-COR Model 4300 DNA Analysis System. (\$37,603.50, awarded in 2006 for 2007)

Barb Sanders, Title II, Part B Mathematics and Science Partnership Program Eastern Washington Connections and inquiry grant evaluator. Three-year grant ending May 2007 (\$82,400)

Karen Stevens, Fluke Corp. equipment grant for chemistry equipment (with physics) (\$7,222, 2007)

Richard Stevens, "Science Research Initiation," from Murdock Trust Grant, renewed second year, with Kerry Breno, John Larkin, Michael Sardinia and Kamesh Sankaran (\$109,000); Fluke Corp. equipment grant for physics equipment (with chemistry) (\$7,222, 2007)

Peter Tucker, principal investigator, SENCER-NSF Post-institute implementation sub-award to enhance and strengthen the science component of our general-education course Core 350, "Applied Ethics, Public Policy, and Worldviews" (\$3,000, 2006)

James Waller, Southeastern European Studies Travel Grant from American Council of Learned Societies – Committee on Southeast European Studies (U.S. Department of State) (\$2,500, 2007)

Betty Williams, Whitworth Literacy Center After-School Program from West Coast Red Lion Hotels grant (\$2,500, 2006-07)

Keith Wyma, project team member, SENCER-NSF, post-institute implementation sub-award to enhance and strengthen the science component of our general-education course Core 350, "Applied Ethics, Public Policy, and Worldviews" (\$3,000, 2006)

## Scholarly Fellowships



James Edwards, accepted by Center of Theological Inquiry, Princeton, New Jersey, for fall 2007

Laurie Lamon, The 2007 Witter Bynner Fellowship, awarded spring 2007

Richard Schatz, U.S. Fulbright Scholar Grant to Sarawak, Malaysia, Jan.-June 2007

## External Teaching and Coaching Awards



Sean Bush y, named head coach of Boys 1992 Age Group for Region IV's Olympics Development Program; also named Coach of the Year for men's and women's soccer, Northwest Conference, 2007; and West Regional Women's Soccer Coach of the Year by the National Soccer Coaches of America

O.J. Cotes, PDK Outstanding Teacher Award

Jim Hayford, Northwest Conference Men's Basketball Coach of the Year Award, Northwest Conference, 2006-07

Steve Schadt, Northwest Conference Women's Swimming Coach of the Year Award, 2006-07

Richard Stevens, President's Citation from American Association of Physics Teachers for Growth in the Physics Department

John Tully, Northwest Conference Football Coach of the Year Award, 2006

Betty Williams, Special Recognition Award for service to the Spokane Guilds' School

## Faculty/Student Collaboration

Kerry Breno, with students Jon Anderson and Amy Schlilaty, “Organometallic Chromium Complexes,” poster presentation, Fifteenth Regional Conference on Undergraduate Research of the Murdock College Science Program, University of Portland, Ore.

John Larkin, with students Alisha Anderson and Brent Knight, “Energy dependence of rose bengal fluorescence in various solvents,” poster presentation, Fifteenth Regional Conference on Undergraduate Research of the Murdock College Science Research Program, University of Portland, Ore.

Deanna Ojennus, faculty directed research projects aimed at characterizing protein-protein interactions between subunits in the yeast vacuolar ATPase enzyme complex with students resulting in poster presentations: Rachel Mellinger, “Interactions in the E and G subunits of the yeast vacuolar ATP-ase;” Elizabeth Pempe, “Creating a structural model for subunit d of yeast V-ATPase.” Fifteenth Regional Conference on Undergraduate Research of the Murdock College Science Program, University of Portland, Ore. Elizabeth Pempe and James Smith, “Structural Homology Modeling of V-ATPase Subunit d in Yeast;” Jamie Bonga and April Stadler, “Investigation of the Interaction of Subunits E and G in Yeast Vacuolar ATPase,” Spokane Intercollegiate Research Conference



Kamesh Sankaran, faculty research advisor for student presentations: Preston Hoffman and Kalen Spees, “Simulation of Plasma Flows in Magnetic Nozzles for Spacecraft Propulsion”; Amber Fowler, Adam Loeffler and Paul Young, “Production and Propagation of Magnetic Fields for Intense Dynamic Loading,” Spokane Intercollegiate Research Conference

Michael Sardinia, faculty directed research projects: Nick Strand and Kaitlin Fuller, “A Possible Role for Glial Matrix Metalloproteinases in memory retention,” Abstract and poster presentation at Fifteenth Regional Conference on Undergraduate Research of the Murdock College Science Program, University of Portland, Ore., and Spokane Intercollegiate Research Conference (SIRC); Stephany Jeffers and Ben Moresco, “Natural Pesticide and Plant Allelopathy,” Abstract and poster presentation, SIRC; Kristen Eguchi, Meghan Runestrand and Cody Simonson, “Is There an Association between Glucose Metabolism and Sleep Disturbances?” Abstract and poster presentation, SIRC

Diana Trotter, created and directed performance and workshops in collaboration with Whitworth students for *The Abundance Project*, commissioned by The Inland Northwest Presbyterian Church for their annual regional retreat

Peter Tucker, sponsored student research presentations: Miyuki Gimera, “Ground Zero: Designing Hardware-Level Optimization for a Data Stream Management System”; Christopher Peterson, “Recording and Querying History Over a Non-Terminating Data Stream”; Andrew Zellman, “Implementation of Punctuation Semantics for Use With Non-Terminating Data Streams”; Dallas Crockett and Ben Newman, “Versatility and Understanding of a Query Application”; Stephen Ash, “Adapting the Query Architecture for Punctuated Data Streams”; Paul Stephens, “Determining the Necessary Load Shedding Through Query Optimization,” Spokane Intercollegiate Research Conference

Betty Williams, research with students K. Baker and M. Binford, “The Effects of Repeated Guided Readings and the Goodbye Word List on the Accuracy and Fluency of Reading in a Student Diagnosed with a Learning Disability,” International Association for Behavior Analysis, Atlanta

Nicholas Willis, directed student research with Will Sehorn and Brian Bauman, “Using Markov Chains to Calculate the Probability of Penetration through a Barrier of Finite Thickness by Guest Particles with a Finite or Infinite Lifespan,” Pacific Northwest Regional Mathematics Association of America Conference, McMinnville, Ore., and the Spokane Intercollegiate Research Conference