Our Mission:
The Office of Research Services and Administration (ORSA) provides assistance to the faculty who seek, obtain, and manage grants and contracts in support of their research, instructional programs and public service projects.
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The Quarterly Research Connection

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Director’s Corner

ORSA hopes “The Quarterly Research Connection” has been helpful and informative with federal, state and university updates and other topics of interest.

In an effort to keep the UO research community informed, ORSA would like to take this opportunity to provide a summary of “hot topic” areas in research administration.

ORSA appreciates the research community’s dedication and hard work. Thank you for a productive year.

Hot Topics in Brief

Auditing News for Colleges and Universities

In brief, administrative and clerical costs, effort reporting, and sub awardees’ cost sharing expenditures and costs funded by the federal government are discussed. The names of the University’s in question have been removed from the discussion points.

Administrative and Clerical Costs

- Objective of the audit—To determine whether the University claimed reimbursement for administrative and clerical expenses as direct costs to grants, contracts, and other agreements with the

Continues on page 13
Recent New Awards

University of Oregon received 72 new awards for a total of $16,092,048 in FY 2009 Quarter 4.

• Adell Amos, Heather Brinton, and Kathy Lynn $30,000 from the U.S. Department of Agriculture, Forest Service for “Tribal Climate Change Forum”

• Lynne Anderson-Inman $67,583 from the National Science Foundation/Lane Community College for “Lane Community College: Simulation and Game Development (SGDI) Program [CATE Tech Support]”

• Ed Awh and Edward Vogel $617,635 from the National Institutes of Health for “The Distinction Between Number and Resolution in Visual Working Memory”

• Dare Baldwin $141,345 from the U.S. Department of Defense/Massachusetts Institute of Technology for “Event Representations in Humans and Machines”

• Bruce Blonigen $975 from the U.S. Department of Education/Oregon University System for “UO Oregon GEAR UP (Gaining Early Awareness and Readiness for Undergraduate Programs) Summer Enrichment Program”

• Brendan Bohannan $199,958 from the U.S. Department of Agriculture/University of Massachusetts, Amherst for “Collaborative Research: Amazon Rainforest Microbial Observatory - Functional Diversity, Taxonomic Diversity, and Response to Ecosystem Conversion”

• Brendan Bohannan and Rebecca Mueller $14,996 from the National Science Foundation for “Dissertation Research: Phylogenetic Approaches to Functional Diversity of Mycorrhizal Fungi: Linking Environmental Change to Ecosystem Function”

• Chris Doe $293,525 from the National Institutes of Health for “Developmental Biology Training Grant”

• Russell Donnelly $20,000 from the U.S. Department of Energy/Battelle Memorial Institute for “Pacific Northwest National Laboratory (PNNL) Summer Contract”

• Dejing Dou, Gwen Frishkoff, Allen Malony and Don Tucker $593,266 from the National Institutes of Health for “Neural ElectroMagnetic Ontologies: ERP Knowledge Representation and Integration”

• James Elliott $70,063 from the National Science Foundation for “Changes in the Land: A Study of Urban-Environmental Restructuring in Four U.S. Cities”

• Carl Falsgraf $25,000 from the U.S. Department of Education/Portland Public School District #1 for “Portland Public Schools FLAP Grant “Roadmap to Superior Proficiency” - Year 1”

• Carl Falsgraf and Martyn Clark $22,420 from the National Security Agency/Center for Applied Linguistics for “CAP for CAL STARTALK”

• Carl Falsgraf $169,051 from the National Security Agency/University of Maryland for “LinguaFolio Online: Five-Year Work Plan”

• Lynn Feekin $5,000 from the United Association for Labor Education for “Oregon Public Sector Card Check Review”

• Francis Fien $170,651 from the U.S. Department of Education/Pacific Institutes for Research for “Project FUSION: Foundations of Mathematical Understanding CFDA 84.324 IES; Mathematics and Science Education; Goal 2”

• Philip Fisher $254,689 from the National Institutes of Health/University of Minnesota for “Response To And Recovery From Early Adverse Care By Young Children In The Foster Care System”

• Linda Forrest $7,000 from the Georgia Department of Education for “NOELLA (National Online Early Language Learning Assessment) - Georgia Innovative Academic Programs”

• Scott Frey $134,200 from the James S. McDonnell Foundation/Albert Einstein Healthcare Network for “Prospective Control of Action: Computational Principles, Neural Substrates, and Clinical Implications”

• Jessica Green and Brendan Bohannan $119,835 from the Alfred P. Sloan Foundation for “Biological Diversity in the Indoor Environment”

• Jeffrey Hanes and Carl Falsgraf $91,028 from the Japan Foundation for “The Oregon Japanese Flagship: Creating Global Professionals”

• Clark Hansen $30,276 from the U.S. Department of Homeland Security/Lane County for “Interoperable Communications 2008”

• Kingston Heath $46,779 from Montana State for “Virginia City Jack Taylor House Documentation and Analysis Project”

• Robert Horner $338,119 from the U.S. Department of Education/University of North Carolina for “Subaward from the University of North Carolina at Chapel Hill on OSEP Technical Assistance Center on Implementation Scaling of Evidence-Based Practice”

• Steven Huter $74,886 from The Internet Society for “Expanding Internet Access and Penetration”

• Dennis Jenkins $95,081 from the National Science Foundation for “Collaborative Research: Paleo Genetic Investigations at the Pre-Clovis Paisley Site in the Northern Great Basin, Oregon”
Stimulus Act Proposals

Since last reported in the spring newsletter on May 18, 2009, University of Oregon submitted 45 proposals to American Recovery and Reinvestment Act programs, totaling $67,927,981.

- **John Berglund** $203,829 from the National Institutes of Health for “Molecular mechanisms of Myotonic Dystrophy”
- **Bruce Bowerman** $576,516 from the National Institutes of Health for “ARRA New Faculty Recruitment (P30)”
- **Bruce Bowerman** $233,542 from the National Institutes of Health/Oregon State University for “Oregon Proteomics Consortium”
- **William Bradshaw** $613,510 from the National Science Foundation for “Can a small mosquito tell us something new about evolutionary physiology? Genetics of photoperiodic response in the pitcher-plant mosquito, Wyeomyia smithii”
- **William Bradshaw** $331,951 from the National Institutes of Health for “Rapid and cost-efficient genotyping tools for studies of threespine stickleback”
- **William Cresko** $364,756 from the National Science Foundation for “COLLABORATIVE RESEARCH: Evolutionary genomics of rapid adaptation in threespine stickleback”
- **Ihab Elzeyadi** $348,780 from the U.S. Department of Commerce/Oregon University System for “Construct a ‘Living Building Laboratory’ to Advance the Study of High Performance Building Systems and Occupants’ Impact on Energy Use”
- **Philip Fisher** $4,951,068 from the National Institutes of Health for “Biomarkers of Prenatal Polydrug Exposure and Early Adversity in CWS Children”
- **Michael Haley** $499,379 from the National Science Foundation for “Acquisition of high-sensitivity NMR capabilities for the University of Oregon CAMCOR Magnetic Resonance Facility”
- **James Hutchison** $101,854 from the National Institutes of Health/Oregon State University for “Comparative in vivo and in vitro Nanomaterial QSAR”
- **David Johnson** $345,385 from the National Science Foundation for “Synthesis of and Structure-Function Relationships in New Misfit Layered Compounds”
- **David Johnson** $10,388,923 from the U.S. Department of Commerce for “Expansion of CAMCOR’s High Performance Characterization and Fabrication Facility: An Interdisciplinary Nexus for Green Materials and Nanomaterials Innovation”
- **Clifford Kentros** $769,242 from the National Institutes of Health for “NIH NINDS RC2 Sub Award w/Salk”
- **Charles Kimmel** $198,292 from the National Institutes of Health for “Craniofacial Morphogenesis in Zebrafish: dental—new screen”
- **Charles Kimmel** $620,206 from the National Institutes of Health for “Signaling Hierarchies in Vertebrate Development—old screen”
- **Graham Kribs** $120,000 from the National Science

Continues on Next Page
Foundation for “Connecting Dark Matter to Particle Physics”

- **Richard Linton** $14,001,883 from the National Institutes of Health for “Improvement of University of Oregon Animal Research Facilities”

- **Richard Linton** $9,833,940 from the National Institutes of Health for “Cyberinfrastructure Improvement for Research at the University of Oregon”

- **Richard Linton** $4,532,602 from the National Institutes of Health for “University of Oregon and PeaceHealth Clinical Translational Research Institute”

- **Richard Linton** $1,000,000 from the U.S. Department of Commerce for “University of Oregon Research Park Infrastructure Development Proposal”

- **Mark Lonergan** $614,163 from the National Science Foundation for “MRI-R2: Development of a scanning tunneling microscope for optical spectroscopy”

- **Allen Malony** $1,998,560 from the National Science Foundation for “MRI-R2: Acquisition of an Applied Computational Instrument for Scientific Synthesis (ACISS)”

- **Andrew Marcus** $901,802 from the US Department of Commerce for “Probing Conformational Transition Pathways of Protein-DNA”

- **Cassandra Moseley** $1,500,000 from the U.S. Department of Agriculture for “Forest health restoration-stimulus for rural community development”

- **Lise Nelson** $177,738 from the National Science Foundation for “Collaborative Research / RUI: Linked Migration and Changing Labor Markets in the Rural United States”

- **Helen Neville** $816,000 from the National Institutes of Health for “Genes, and Gene-Environment Interactions in Cognitive Development”

- **Michael Posner** $2,014,386 from the National Institutes of Health for “Reducing Addiction Through Training Brain States”

- **John Postlethwait** $219,967 from the National Institutes of Health for “Resources for Teleost Gene Duplicates and Human Disease”

- **Barbara Roy** $572,879 from the National Science Foundation for “Fungal Mimicry and its consequences in the Unique Deceptive Pollination of Dracula Orchids”

- **Jane Scheidecker** $50,000 from the National Endowment for the Arts for “Proposal for Funds from the NEA American Recovery and Reinvestment Act”

- **Jeffrey Sprague** $225,751 from the National Institutes of Health for “Implementing School Wide Positive Behavior Support in Middle Schools”

- **Daniel Steck** $410,000 from the National Science Foundation for “Ultracold Atoms as a Probe of Novel Atom-Surface Interactions”

- **Tom Stevens** $250,125 from the National Institutes of Health for “Graduate Training in Molecular Biology and Biophysics”

- **Joseph Thornton** $1,791,619 from the National Institutes of Health for “Experimental and structural evolution of hormone receptors”

- **Douglas Toomey** $103,435 from the U.S. Geological Survey for “Recovery Act (ARRA) - Seismic Upgrades”

- **George von Dassow** $712,356 from the National Science Foundation for “Collaborative Research: Cytokinetic Furrow Specification in Sea Urchin Embryos”

- **Peter von Hippel** $120,789 from the National Institutes of Health for “Structure and Relations of Protein and Nucleic Acids”

- **Monte Westerfield** $598,003 from the National Institutes of Health/California Institute of Technology for “GRIN-Auto Curation Tools (ACT)”
Proposals and Award Reporting Trends
by Month for FY 2009 (FY09) Compared to FY 2008 (FY08)

First Quarter (July-September) • Second Quarter (October-December) • Third Quarter (January - March) • Fourth Quarter (April - June)

Proposals

First/Second/Third Quarter Comparison: Decrease in proposals submitted/Increase in funding requested

Fourth Quarter Comparison: Increase in proposals submitted and funding requested

Awards

First Quarter Comparison: Increase in the number of awards received/Decrease in funding received

Second/Third Quarter Comparison: Decrease in the number of awards and funding received

Fourth Quarter Comparison: Decrease in the number of awards received/Increase in funding received

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### Proposals Submitted by Amount

- **FY09**: $24,244,134
- **FY08**: $15,063,671

<table>
<thead>
<tr>
<th>Month</th>
<th>FY09</th>
<th>FY08</th>
<th>FY09</th>
<th>FY08</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>$24,244,134</td>
<td>$15,063,671</td>
<td>84</td>
<td>75</td>
</tr>
<tr>
<td>August</td>
<td>$2,562,047</td>
<td>$5,666,096</td>
<td>28</td>
<td>56</td>
</tr>
<tr>
<td>September</td>
<td>$6,623,796</td>
<td>$8,017,077</td>
<td>51</td>
<td>45</td>
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<td><strong>TOTAL</strong></td>
<td><strong>$33,430,977</strong></td>
<td><strong>$28,746,844</strong></td>
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<td>176</td>
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<tr>
<td>October</td>
<td>$21,332,938</td>
<td>$16,597,628</td>
<td>76</td>
<td>102</td>
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<tr>
<td>November</td>
<td>$5,894,261</td>
<td>$9,398,337</td>
<td>55</td>
<td>64</td>
</tr>
<tr>
<td>December</td>
<td>$11,861,904</td>
<td>$4,910,804</td>
<td>46</td>
<td>55</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$39,089,103</strong></td>
<td><strong>$30,906,769</strong></td>
<td>177</td>
<td>221</td>
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<tr>
<td>January</td>
<td>$36,182,732</td>
<td>$16,920,984</td>
<td>77</td>
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<td>February</td>
<td>$13,063,798</td>
<td>$5,147,691</td>
<td>61</td>
<td>62</td>
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<tr>
<td>March</td>
<td>$8,654,281</td>
<td>$8,220,996</td>
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<td>68</td>
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<td><strong>TOTAL</strong></td>
<td><strong>$57,900,811</strong></td>
<td><strong>$30,289,671</strong></td>
<td>204</td>
<td>229</td>
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<td>April</td>
<td>$19,335,099</td>
<td>$11,273,877</td>
<td>109</td>
<td>89</td>
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<tr>
<td>May</td>
<td>$19,088,975</td>
<td>$13,608,559</td>
<td>75</td>
<td>67</td>
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<tr>
<td>June</td>
<td>$31,753,452</td>
<td>$9,572,401</td>
<td>61</td>
<td>65</td>
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<td><strong>TOTAL</strong></td>
<td><strong>$70,177,526</strong></td>
<td><strong>$34,454,837</strong></td>
<td>245</td>
<td>220</td>
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</tbody>
</table>

- Year-to-date: $200,618,017
- Year-to-date: $124,398,121

### Awards Received by Amount

- **FY09**: $24,244,134
- **FY08**: $15,063,671

<table>
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<th>Month</th>
<th>FY09</th>
<th>FY08</th>
<th>FY09</th>
<th>FY08</th>
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</thead>
<tbody>
<tr>
<td>July</td>
<td>$26,793,040</td>
<td>$26,786,260</td>
<td>113</td>
<td>101</td>
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<tr>
<td>August</td>
<td>$7,865,597</td>
<td>$10,752,458</td>
<td>54</td>
<td>48</td>
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<tr>
<td>September</td>
<td>$8,749,726</td>
<td>$8,749,532</td>
<td>53</td>
<td>29</td>
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<td><strong>TOTAL</strong></td>
<td><strong>$43,408,363</strong></td>
<td><strong>$46,288,250</strong></td>
<td>220</td>
<td>178</td>
</tr>
<tr>
<td>October</td>
<td>$5,735,627</td>
<td>$11,242,346</td>
<td>38</td>
<td>42</td>
</tr>
<tr>
<td>November</td>
<td>$2,394,520</td>
<td>$12,848,146</td>
<td>47</td>
<td>47</td>
</tr>
<tr>
<td>December</td>
<td>$2,642,694</td>
<td>$9,146,896</td>
<td>32</td>
<td>30</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$10,772,841</strong></td>
<td><strong>$33,237,388</strong></td>
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<td>119</td>
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<tr>
<td>January</td>
<td>$3,771,328</td>
<td>$7,954,948</td>
<td>35</td>
<td>61</td>
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<tr>
<td>February</td>
<td>$4,947,490</td>
<td>$4,544,551</td>
<td>37</td>
<td>44</td>
</tr>
<tr>
<td>March</td>
<td>$5,920,254</td>
<td>$5,328,565</td>
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<td>37</td>
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<td><strong>TOTAL</strong></td>
<td><strong>$14,639,072</strong></td>
<td><strong>$17,828,064</strong></td>
<td>105</td>
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<tr>
<td>April</td>
<td>$5,378,959</td>
<td>$7,461,051</td>
<td>37</td>
<td>60</td>
</tr>
<tr>
<td>May</td>
<td>$5,658,569</td>
<td>$3,616,349</td>
<td>35</td>
<td>29</td>
</tr>
<tr>
<td>June</td>
<td>$20,654,039</td>
<td>$6,854,547</td>
<td>64</td>
<td>55</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$31,691,567</strong></td>
<td><strong>$17,931,947</strong></td>
<td>136</td>
<td>144</td>
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</tbody>
</table>

- Year-to-date: $100,511,843
- Year-to-date: $115,285,649

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* Fiscal year 2008 data is taken from the FY2007-08 Annual Report
Annual Report Data for Fiscal Year 2009 (FY09) Compared to Fiscal Year 2008 (FY08)

**Proposals:** Increase in funding requested (from $124.4m in FY08 to $200.6m in FY09)

**Awards:** Decrease in funding received (from $115.3m in FY08 to $100.5m in FY09)

**Expenditures:** Increase in amount expended (from $101.3m in FY08 to $110.3m in FY09)
Recent New Awards
Continued from page 3

• Bart Johnson and Scott Bridgham $45,000 from the U.S. Department of Agriculture, Forest Service for “University of Oregon-U.S. Forest Service FlamMap Linkage Agreement”

• Alison Kwok $24,378 from the U.S. Green Building Council for “USGBC Case Studies Roadmap”

• Mark Lonergan and J. David Cohen $768,000 from the Oregon Built Environment and Sustainable Technologies Center for “SuNRISE Photovoltaic Laboratory”

• Allen Malony $20,000 from the NVIDIA Corporation for “NVIDIA Professor Partnership Award”


• Brian Matthews $48,534 from The Protein Society for “Agreement with the Protein Society for Editor Assistant - Jean Delaney”

• Ulrich Mayr and William Harbaugh $50,000 from the Stanford University for “Is It Better To Give Or Receive?”

• Charles Miller $4,838 from the Lane County Public Works for “EMU Cultural Forum “Champions of the Dance” Marketing Project”

• Charles Miller $1,000 from the Equity Foundation for “EMU Cultural Forum Condom Fashion Show and LGBTQ Awareness”

• Steve Mital $7,000 from the Eugene Water and Electric Board for “Student Rec Center On-site Electricity Generation”

• Caroline Moore $400,000 from the California Department of Education for “California Disproportionality Contract”

• Cassandra Moseley, Max Nielsen-Pincus, Laura Leete, and Kathy Lynn $220,663 from the U.S. Department of Agriculture, Forest Service for “Economic Effects of Large Wildfire from 2008”

• Helen Moss $6,000 from the Healthcare Career Advancement Program for “Evaluation of Career Advancement Opportunities provided by Seattle’s State Board for Community and Technical Colleges Health Programs”

• Judith Newman $105,000 from the U.S. Department of Education/Oregon Department of Education for “ECDATA Grant FY08-09”

• Judith Newman and Val Taylor Close $8,126,192 from the U.S. Department of Education/Lane Education Service District for “Early Intervention/Early Childhood Special Education Services”

• Robert O’Brien and Mark Harmon $8,787 from the National Science Foundation for “Doctoral Dissertation Research: ‘Fixed’ Sentencing: The Effects on Imprisonment Rates Over Time”

• Brian O’Neill and Thomas Connolly $72,490 from the Pacific Power and Light for “Lemolo 2 Canal Project; Subsurface Reconnaissance and Nurse Creek Site (35DO554) Evaluation”

• Robert Parker and Andre LeDuc $10,362 from the French and Associates Ltd. for “Pre-Disaster Planning for Post-Disaster Mitigation”

• Robert Parker $20,000 from the City of Eugene for “City of Eugene Climate Change Action Plan”

• Robert Parker $7,000 from the City of Eugene for “City of Eugene Neighborhood Survey”

• Robert Parker $2,750 from the Eugene Water and Electric Board for “EWEB Employee Focus Groups”

• Patrick Phillips and Shawn Lockery $14,993 from the National Science Foundation for “Dissertation Research: Determining the Functional Genetic Basis of Natural Variation in Thermosensory Behavior”

• John Postlethwait and Eric Johnson $211,024 from the NIH/Fred Hutchinson Cancer Research Center for “TILLING the Zebrafish Genome: A Reverse Genetics Approach”

• Peggy Renkert $9,000 from the National Endowment for the Arts/Oregon Arts Commission for “World Harmony Project: A Cultural Tourism Collaboration”

• Peggy Renkert $10,000 from the Lane County Public Works for “World Harmony Project: A Cultural Tourism Collaboration”

• Kirsten Rudestam $11,250 from the U.S. Department of the Interior/Bureau of Land Management for “Northwestern Pond Turtle Habitat and Turtle Inventory”

• Kirsten Rudestam $3,041 from the Middle Fork Willamette Watershed Council for “Restoration Monitoring Project: Middle Fork Watershed”

• Gerard Saucier $277,658 from the DOD/Air Force Office of Scientific Research for “Psychological Dimensions of Cross-Cultural Differences”

• Eric Selker $205,644 from the National Institutes of Health/Texas A&M for “Functional Analysis and Systems Biology of Filamentous Fungi”

• Alan Shanks $9,956 from the Oregon Dungeness Crab Commission for “The Annual Recruitment of Dungeness Crab Megalopae and the Prediction of the Future Commercial Catch; Funding for Spring/Summer 2009”

Continues on next page
### Recent New Awards (Continued from previous page)

- **Alan Shanks** $13,724 from the Lazar Foundation/OUS/Oregon State University for “Science Support for the Oregon Marine Reserves Process - Subaward from OSU”
- **Jeffrey Sprague** $64,936 from the U.S. Department of Education/IRIS Media Inc. for “Online Teacher Training: Promoting Student Social Competence to Improve Academic and Behavioral Outcomes in Grades K - 3”
- **Jeffrey Sprague** $50,000 from the Self-Enhancement Incorporated for “SEI - Miami”
- **Jeffrey Sprague** $105,000 from the Oregon Department of Education/Linn-Benton ESD for “Linn Safe Schools Healthy Students”
- **Daniel Steck** $153,054 from the National Science Foundation for “Ultracold Atoms as a Probe of Novel Atom–Surface Interactions”
- **Tary Tobin** $15,000 from the DHHS/Longview Wellness Center for “Third Evaluation of Marriage Education Programs”
- **Nathan Tublitz** $304,679 from the DOD/Air Force Office of Scientific Research for “Neural Regulation of Chromatophore Function in Cephalopods”
- **Daniel Udovic** $323,909 from the National Science Foundation for “Building Community through Grantee Meetings for the STEM Talent Enhancement Program”
- **Janne Underriner** $7,778 from the DHHS/ANA/Confederated Tribes and Bands of the Yakama Indian Nation for “Yakama Nation Ichishkin Sinwit Project”
- **Frank Vignola** $2,600 from the Idaho Power for “Repair and Installation of Rotating Shadowband Pyranometer”
- **Hailin Wang** $200,000 from the Defense Advanced Research Projects Agency for “Cavity QED of NV Centers in Diamond Nanopillars: Toward a Spin-Photon Quantum Network”
- **Mark Watson** $2,500 from the National Endowment for the Humanities for “Pride and Passion: The African-American Baseball Experience”
- **Ray Weldon** $50,193 from the National Science Foundation/Appalachian State University for “The Frazier Mountain Paleoearthquake Site: Evaluating Fault Behavior Models with Geologic Data from the Big Bend Section of the San Andreas Fault, California”
- **Michal Young** $29,371 from the National Science Foundation/University of Massachusetts Amherst for “CPA-CPL-T: Programming Models for Transactional Memory (Sub from UMASS)”
- **Keith Zvoch and Joe Stevens** $384,113 from the U.S. Department of Education for “Summer School and Summer Learning: An Examination of Selection, Implementation, and Program Effects in a Multiyear Randomized Trial (IES, 84.305A, Goal 3)”

### Stimulus Act Awards

The University of Oregon received 20 awards from American Recovery and Reinvestment Act programs totaling $6,066,422 as of August 18, 2009.

- **Alice Barkan** $299,758 from the National Science Foundation for “Exploring the potential of pentatricopeptide repeat proteins for the site-directed modulation of RNA metabolism”
- **John Berglund** $66,765 from the National Institutes of Health for “Molecular mechanisms of Myotonic Dystrophy”
- **William Bradshaw** $613,510 from the National Science Foundation for “Can a small mosquito tell us something new about evolutionary physiology? Genetics of photoperiodic response in the pitcher-plant mosquito, Wyeomyia smithii”
- **William Bradshaw** $584,551 from the National Science Foundation for “Thermal Adaptation in Animals in the Temperate Zone - A Response to Rapid Climate Warming in Nature?”
- **James Brau** $1,125,000 from the National Science Foundation for “A Search for Gravitational Radiation at LIGO: Oregon Experimental Relativity Group”
- **William Cresko** $364,756 from the National Science Foundation for “COLLABORATIVE RESEARCH: Evolutionary genomics of rapid adaptation in threespine stickleback”
- **Christopher Doe** $9,292 from the National Institutes of Health for “Genetic and Molecular Studies of Neurogenesis”
- **Karen Guillemot** $18,346 from the National Institutes of Health for “Molecular and genetic analysis of the helicobacter pylori virulence Factor Cag A”

Continues on next page
• **Michael Haley** $499,379 from the National Science Foundation for “Acquisition of high-sensitivity NMR capabilities for the University of Oregon CAMCOR Magnetic Resonance Facility”

• **Charles Kimmel** $47,540 from the National Institutes of Health for “Signaling Hierarchies in Vertebrate Development”

• **Graham Kribs** $120,000 from the National Science Foundation for “Connecting Dark Matter to Particle Physics”

• **Ulrich Mayr** $64,708 from the National Institutes of Health for “Aging and Altruism: Towards a Neuro-economic Model of Age-Related Changes in Giving”

• **Lise Nelson** $177,738 from the National Science Foundation for “Collaborative Research / RUI: Linked Migration and Changing Labor Markets in the Rural United State”

• **Helen Neville** $261,395 from the National Institutes of Health for “Development of Cerebral Specializations”

• **Helen Neville** $99,864 from the National Institutes of Health for “Development of Cerebral Specializations-Equipment”

• **Barbara Roy** $572,879 from the National Science Foundation for “Fungal Mimicry and its Consequences in the Unique Deceptive Pollination of Dracula Orchids”

• **Daniel Steck** $410,000 from the National Science Foundation for “Ultracold Atoms as a Probe of Novel Atom–Surface Interactions”

• **Terry Takahashi** $18,585 from the National Institutes of Health for “Masking in the Auditory System”

• **George von Dassow** $712,356 from the National Science Foundation for “Collaborative Research: Cytokinetic Furrow Specification in Sea Urchin Embryos”

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**The American Recovery and Reinvestment Act of 2009**

**Acronym/colloquial – ARRA (official acronym)/ “stimulus package”**

**What is Different About ARRA Funds?**

- Unprecedented levels of transparency, oversight and accountability
- Aggressive expenditure requirements (ARRA funds must be used consistently)
- No co-mingling of ARRA funds and non-ARRA funds
- Quarterly progress reporting of ARRA fund expenditures, job creation and retention statistics
- Considerable ARRA reporting requirements for the State of Oregon/University of Oregon

**Prime Recipient’s Responsibilities**

The Act imposes specific reporting and funds management requirements on all awards funded with ARRA funds:

- It is critical that the Recovery Act requirements are successfully met
- The prime recipient is ultimately responsible for the reporting of all data required by Section 1512 of the Recovery Act

Continues on Page 21
Dr. Craig Young

When lush communities of chemosynthetic animals, including giant tube worms, were discovered around deep hydrothermal vents in 1977, scientists speculated about how such specialized animals could colonize newly opened vent habitats. In the early days of my research, these tube worms were classified in their own phylum in the deuterostome half of the animal kingdom. My laboratory reared the embryos and larvae of tube worms for the first time, demonstrating by their embryology that they are segmented worms (in the protostome half of the animal kingdom). Later, in collaboration with colleagues at the Woods Hole Oceanographic Institution and the University of Southern California, we measured the metabolism of the larvae and demonstrated that non-feeding larvae can disperse relatively long distances from vent to vent.

What drew you to work at the University of Oregon?

I did most of my PhD research in the San Juan Islands of Washington and had a great desire, after 20 years in Florida, to return to the Pacific Northwest. The Oregon Institute of Marine Biology and the University of Oregon Biology Department are both world-class programs and I jumped at the opportunity when it became available to me.

What are your research goals for the future?

Although most of my deep-sea work has been done in other parts of the world, there is a pressing need for a better understanding of the subtidal and deep-sea organisms off the coast of Oregon. I hope to focus some effort on the recruitment biology and reproduction of animals living on the spectacular subtidal reefs off our own coast. I believe that such work will add information to the current debates concerning marine reserves, wave energy and other ocean uses in and beyond the Oregon Territorial Sea.

UPCOMING TRAINING OPPORTUNITIES

September 23, 2009
COS Training: 2p.m. – 4 p.m.
Knight Library Room 267B

September 28-30, 2009
NCURA: Fundamentals of Sponsored Project Administration Workshop, Washington, DC

NCURA: Fundamentals of Sponsored Project Administration Level II Workshop, Philadelphia, PA

October 13, 2009
DGA Meeting
Bean East Conference Room

October 21-24, 2009
NCURA 51st Annual Meeting
Washington, DC

October 21, 2009
E-PCS Training: 10a.m. – 12p.m.
Knight Library Room 267B

October 28, 2009
COS Training: 10 a.m. – 12 p.m.
Knight Library Room 267B

November 10, 2009
DGA Meeting
Location Pending

November 18, 2009
E-PCS Training: 2p.m. – 4p.m.
Knight Library Room 267B

November 20, 2009
COS Training: 2p.m. – 4p.m.
Knight Library Room 267B

December 8, 2009
DGA Meeting
Location Pending
Federal Stimulus Report  
as of 08/19/2009

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<th>Program</th>
<th>Competitive Opportunity</th>
<th>Funds Applied for</th>
<th>Funds Awarded</th>
<th>Funds Committed</th>
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federal government in accordance with applicable Federal regulations.

Findings—The auditors statistically selected 114 charges for administrative and clerical salaries and 120 charges for administrative costs from the overall population. After the audit and response by the University, 35 items of the former totaling $23,995 and 46 items of the latter totaling $14,899 were disallowed. This $38,894 was then extrapolated to the population as a whole resulting in a finding requiring the University to refund $1,661,011. Based on the 81 items disallowed, the auditors concluded that the University needed to revise its policies to comply with the requirements of OMB Circular A-21 to ensure consistent treatment of administrative and clerical costs.

Effort Reporting

- **Objective of audit**—To evaluate whether internal controls were adequate to properly manage, account for, monitor and report salary and wage costs on federal grants and to determine if salary and wage changes were allowable, allocable, and reasonable in accordance with Federal cost principles and the funders grant terms and conditions.

Findings—Departmental administrative officials improperly certified 770 of the 780 effort reports tested, representing 98% of the salary charges and overcharged the funder $16,584 in salary, fringe benefits and overhead by exceeding compensation policies. These findings occurred because sufficient emphasis was not placed on proper effort reporting. Specifically, they lacked detailed written guidance, adequate monitoring to ensure compliance with existing policies and procedures, and didn’t ensure sufficient effort reporting training.

Sub Awardees’ Cost Sharing Expenditures and Costs Funded by the Federal Government

- **Objective of audit**—To determine whether the Schedule of Award Costs were appropriate and allowable and to identify any noncompliance with laws, regulations, and the provisions of the award agreement.

Findings—The auditors questioned $271,376 if sub awardees’ cost sharing expenditures and $132,835 of subaward costs funded by the federal government because neither the Center nor the Subawardee could provide adequate documentation to support the costs. In addition, 17 payroll transactions were inadequately supported resulting in $15,493 of salaries and $11,905 of associated fringe benefits and F&A being questioned. Also, 51 direct payroll costs and 6 cost sharing transactions did not have Personnel Action Forms with the employees’ approved estimated work effort for the Center. There were a number of other findings related to travel, other direct costs, consulting expenses, cost sharing and costs incurred more than ninety days prior to the transfer of the grant.

**Computer Purchases on Grant Funds**

- The government views computers in almost all cases as general purpose equipment. To convince the government that the computer is only being used for research purposes is a very hard sell.
- Arbitrary percentages of use are not acceptable. Being allocable is almost impossible to document if the computer is connected to the internet or available to a number of users since there are so many possible uses that can’t be prevented or documented.
- The computer must be consumed by the program. A good example would be a computer purchased with a five year life that is bought in the first years of a ten year project.

**Cost Share**

- For all intents and purposes, the terms **cost sharing and matching are synonymous** and used interchangeably.
- “Cost sharing or matching means that portion of project or program costs not borne by the Federal Government.” (A-110, Subpart A.2. Definitions)
Directors Corner
Continued from previous page

- Policy provides that only MANDATORY cost sharing be submitted to sponsoring agency.

**Effort Reporting**

- Effort is your work on a project, whether the sponsor pays your salary or not.
- When you write yourself into a grant proposal, you are committing your effort to the sponsor.
- If you reduce your effort, paid or unpaid, on a federal grant by 25%, you must have agency approval. If you reduce your paid effort, you may choose to document cost-sharing so that the total effort does not decrease.

**Facilities and Administrative Costs (F&A)**

- OMB Federal Circular A-21 defines F&A as: Costs that are incurred for common or joint objectives and, therefore, cannot be identified readily and specifically with a particular activity.
- While some view F&A as a “tax,” F&A costs are REAL cost incurred by the University to support the missions of the University.

The “facilities” components include the cost of utilities, depreciation on buildings, depreciation on capital equipment, maintenance and repair, and libraries. The “administrative” components include costs related to general administrative costs, department administration, and sponsored administration.

**OMB Circular A-21 – Cost Principles for Educational Institutions**

- This Circular establishes principles for determining costs applicable to grants, contracts, and other agreements with educational institutions.
- Educational institutions are responsible for maintaining an accurate Disclosure Statement (DS-2) and complying with disclosed cost accounting practices.
- **Factors affecting allowability of costs.** The tests of allowability of costs under these principles are: (a) they must be reasonable; (b) they must be allocable to sponsored agreements under the principles and methods provided herein; (c) they must be given consistent treatment through application of those generally accepted accounting principles appropriate to the circumstances; and (d) they must conform to any limitations or exclusions set forth in these principles or in the sponsored agreement as to types or amounts of cost items.

**Subaward**

Characteristics of a Subaward are:

- Constitutes a part of the technical proposal to the sponsor
- Performance measured against whether the objectives of the program are met
- Subrecipient has responsibility for programmatic decision-making
- Subrecipient has responsibility for adherence to applicable Federal program compliance requirements

UO Principal Investigators responsibilities for a Subaward include:

- Submitting request for new subawards and amendments to existing subawards to ORSA
- Obtaining and approving budget and Statement of Work (SOW) from subrecipient
- Monitoring technical progress or agreement terms
- Reviewing technical progress in relation to invoiced amounts
- Authorizing payments to the subrecipient
- Assuring the receipt of all technical reports prior to final payment
- Notifying ORSA of any problems or issues
- Retaining all original technical reports, financial and subaward-related materials as stipulated by prime award or UO records retention schedule
The Statement of Work for a Subaward is a document that lists and describes all essential and technical requirements for the effort to be performed, including standards to determine whether the requirements have been met. This document may include the following:

- Objective or purpose
- Period of performance
- A general description of the actions to be performed by the subcontractor and the expected results
- A list of detailed work requirements. List tasks and what is expected. This should provide both technical and performance specification
- Performance, quality and timeliness requirements. This includes required or acceptable levels of performance on each specific task measured in terms of accuracy, response time, and speed
- Workload requirements: A description of levels or size of contractual effort
- Personnel requirements: Minimum qualifications or skill levels expected in the contractor's staffing
- Government-furnished equipment and other resources to be furnished to the subcontractor
- Reporting requirements: Describe any reports to be submitted by the contractor to show progress

**Submitting Project Reports in a Timely Manner**

The Principal Investigator (PI) is responsible for preparing and submitting all sponsor-required technical reports, including progress reports and the final report, according to the schedule outlined in the award.

Among the actions sponsors can take when annual and/or final reports are not received by the deadline are as follows:

- **The loss of expanded authorities on current and future awards**—expanded authorities allow ORSA staff to approve some changes such as budget revisions and no-cost extensions. Without expanded authorities, all such requests would require sponsor prior approval in writing, which could significantly delay work on the project.
- **Delays in the University receiving payments or sponsor refusal to pay outstanding invoices**—most awards are paid on a cost-reimbursement basis. This means the University advances money to the project and then invoices the sponsor for payment. Until payment is received, the University carries the debt for costs already incurred. Failure to receive required technical reports is frequently the reason given by sponsors for not paying invoices in a timely fashion.
- **Sponsor designation of the University as a high-risk awardee**—when a project is declared high risk by the sponsor, the PI is not allowed to spend any grant funds without specific approval from the sponsor. This usually involves submitting requests to the sponsor on a periodic basis, outlining the proposed activities for the period and including a budget and budget justification that explains how the proposed expenditures relate specifically to the project’s goals and objectives. Work cannot proceed and costs cannot be incurred until the sponsor has approved in writing the specific activities and budget outlined in the request, even though the expenses were spelled out in the originally approved budget. The PI of a high-risk project also must submit detailed programmatic and financial reports for sponsor approval in order for the University to receive payment of invoices. The high-risk designation indicates that the sponsor has serious concerns about the PI's and University's ability to manage projects, and therefore endangers the receipt of future awards from that sponsor as well as from other federal sponsors.
- **The loss of external funding from that sponsor, not only to the individuals involved but to other University investigators as well**—in some cases, sponsors will discontinue funding and terminate the project due to delinquent reporting. Some sponsors will refuse to make new awards to anyone at the University as long as there are any delinquent reports on currently funded projects.

**Because of these serious repercussions, it is incumbent upon the PI to make sure all reports are completed and submitted to the sponsor on time.** Generally, final reports are due to the sponsor within 90 days of the project end date, although some awards allow less time. If additional time is needed to complete the final technical report, the PI should contact ORSA staff at least 60 days before the project end date to discuss requesting an extension of the project (note that NSF no longer allows time extensions if all the grant funds have been spent).

Acknowledgements to Emory University, Colorado University-Boulder, University of Wisconsin-Extension, and the University of Montana for the exchange of information used to assist with this summary.
Meet Glen Bennett

Glen Bennett
Sponsored Projects Administrator (Pre-Award)
Office of Research Services and Administration

Years at University of Oregon:
About six years

What other departments have you worked on campus?
I worked in the Center for Ecology and Evolutionary Biology (CEEB) as a Purchasing-Accounting Technician from November of 2003 through April of 2006, and I worked in the Institute for the Development of Educational Achievement (IDEA) as a grant accountant from May of 2006 through January of 2007.

Years in Research Administration:
About six years. My work in research-based purchasing and grant accounting prior to transferring over to ORSA served as a great background prior to my arrival at ORSA in January of 2007.

How did you get started in Research Administration?
In the fall of 2003, I was a recent graduate of the Lundquist College of Business here at the University of Oregon majoring in Business Administration with focuses in Finance and Accounting. After having attended the University of Oregon as a student and enjoying living in Eugene, I noticed a job posting for a Purchasing Technician at the University of Oregon at CEEB. I interviewed for the position in the fall of 2003 and was offered the job. I enjoyed, and still enjoy today, the University environment and the opportunity to apply my skills. For me, coming to ORSA in January of 2007 to begin work as a Grants Financial Coordinator in post-award administration was an opportunity to put my work ethic, knowledge, and skills to work for the benefit of the University. I have never regretted a moment.

What do you enjoy most about Research Administration?
Research Administration wouldn’t exist if it weren’t for people. I enjoy the variety of different people I interact with throughout all of the different aspects of my work in Research Administration. Including my coworkers at ORSA, the DGA’s, research staff, undergraduate and graduate students, and, of course, our faculty and administrative staff, I find that it is an amazing opportunity to serve the entire research community at the University. I put my heart and soul into the work that I do to the best of my ability. I have always been personally motivated and moved by the Mission Statement of the University of Oregon from which the first line reads, “The University of Oregon is a comprehensive research university that serves its students and the people of Oregon, the nation, and the world through the creation and transfer of knowledge in the liberal arts, the natural and social sciences, and the professions.” I take great pride in serving the University as a Research Administrator and participating in this great transfer of knowledge for the benefit of people. On a day-to-day basis it is always this larger perspective I have which provides me with the meaningfulness I need to live my life and to do my work.

Job Duties/Responsibilities:
As a Pre-award Sponsored Projects Administrator (SPA) in ORSA, my primary responsibilities include provide assistance to faculty principal investigators and department grant administrators in assigned units with proposal submission, reviewing, officially signing, and submitting grant and contract proposals to public and private sponsors. My duties include oversight and evaluation of proposal documents to ensure compliance with University policy, as well as State and Federal laws, policies, and regulations as

Continues on page 20
### Upcoming Funding Deadlines

<table>
<thead>
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<th>Funding Opportunity</th>
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<td>R01 – New</td>
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<td>K Series – New</td>
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<td>F Series Fellowships – New, Renewal, Resubmission</td>
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<td>F31 Diversity Fellowships – New, Renewal, Resubmission</td>
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<td>International Research and Education: Planning Visit and Workshops</td>
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<td>Science, Technology, Engineering, and Mathematics Talen Expansion Program (STEP)</td>
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<td>Emerging Frontiers in Research and Innovation 2010</td>
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<td>Postdoctoral Research Fellowships in Biology</td>
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<td>Informal Science Education (ISE)</td>
<td>November 19, 2009</td>
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<td>CISE Cross-Cutting Programs: FY 2010</td>
<td>November 28, 2009</td>
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<td>Computer and Network Systems (CNS): Core Programs</td>
<td>November 28, 2009</td>
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<td>Chemical Measurement and Imaging (CMI)</td>
<td>November 30, 2009</td>
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Research administrators are between the investigators they serve and the systems they are required to use to create their proposals. They are under pressure from investigators who expect an on-time submission no matter how late the needed information is provided, and need to be confident that the system can withstand the volume of submissions arriving within minutes (sometimes seconds) of the stated deadline. The last thing administrators need to wonder is, “Will it be rejected due to a technical error?” Overall, the Adobe forms offer some improvement over its predecessor (PureEdge), and the research community is looking forward to the continued efforts of Grants.gov to improve the user experience.

Multiple versions of Adobe can be used to download, fill in, and submit the proposal. Those compatible versions are listed on the Grants.gov website at http://www.grants.gov/help/download_software.jsp#adobe811 and are updated as new editions are released.

You may use any version of Acrobat Professional or clone software (such as TinyPDF) to create attachment documents (such as bio sketches and project descriptions). The file names must not be more than fifty characters in length, and should only include letters, numbers and the underscore “_” character. Do not use spaces or dashes “-” in the file name.

For example, the file named [Sherlock Holmes] Biosketch!.pdf should be renamed to Sherlock_Holmes_Biosketch.pdf in order to avoid a rejection from Grants.Gov

Filling out forms:

Special characters - Typing an apostrophe, dash or colon directly into a form is fine, but when you cut and paste from Word these can change to a “?” , squares or circles. One solution found is to turn off this feature in Word. Go to Tools, Auto Correct Options, Auto Format - As You Type. Uncheck the [curly/smart quotes], [two hyphens into a dash], [Fractions] and other formatting that shows up as a “?” in your pdf-printed and/or converted text.

Contact ORSA if you would like additional assistance filling out an application package

Questions about COS? Contact UO’s Certified COS Liaison, Kari Vandergust, at kariv@uoregon.edu
Department Grant Administrator (DGA) Profile

Ellen McCumsey
Manager of Grants Administration
Institute of Neuroscience

How did you first get into working with grants & how long have you been a DGA at UO?
I first started working with grants in the early 1980s when Aaron Novick hired me to work for the Biology Department. I left the UO for a while (I wrote grants for a museum in Austin, Texas, for a couple of years while enrolled in school), and then I came back to work for the Institute of Neuroscience in the late 1990s. I already knew most of the faculty from the Biology Department so it was an easy fit.

Have you worked in any other departments besides the one you’re currently in? If so, what did you do there?
Right out of school I worked for the Printing Department paying bills, and then for the Center for Educational Policy and Management as an editor before moving to Biology.

What is your favorite part about being a DGA?
Being creative in finding solutions to problems so that the scientists can get their research done. Also, I greatly enjoy the people I work with, both in Neuroscience and across campus.

What do you see as the most challenging part of your job?
The increased bureaucracy on campus. Most service centers and departments on campus bend over backwards to help, but there are one or two that seem to revel in creating rules and saying no. Also, with the proliferation of regulations on the federal, state, and local levels comes a trickle-down effect where we in the departments and institutes are being asked to do more work with fewer staff while administrative units seem to be increasing in size. It’s as if we’re being ganged up on. And, yes, I am whining.

In terms of grants, as the dollar amount per grant gets smaller, faculty have to write more and more of them in order to keep their labs funded. This increases everyone’s workload without generating additional money for the Institute or for the UO. Frustrating times.

Tell about your most rewarding experience as a DGA.
No one thing stands out. For me (Eva, Peg and the others before us) I think the thing we’re most proud of is that we’ve never not gotten a grant submitted, no matter how close to deadline we received it. This is, of course, only because we work with a great team at ORSA (Dawn, Aedra, and—for backup—Jason, along with Neva keeping us on our toes accounting-wise) who have never said “this is too late.” Oops, maybe I shouldn’t admit that. Sorry, guys.

What has been the funniest thing to happen to you while on the job?
It has to be the day Peg unplugged the Institute server while trying to fix something. “Let’s try this cord,” she said, as she yanked the plug out and everything went dead.

Anything else we should know about you?
I hate the word no.
well as the sponsor's application and associated guidelines, terms and conditions. My duties also include ensuring proposed sub-grants, sub-contracts and other forms of sub-agreements for assigned applications are properly documented and evaluating compliance with federal regulation and University policy concerning the University's commitment of such items as mandatory and voluntary cost sharing obligations. I also provide internal approvals for and process proposals and related documentation and/or administrative changes to awards, serve as liaison with funding agency staff on grant and contract administrative issues, and periodically attend seminars and travel to conferences to maintain proficiency on issues regarding sponsored research, and as part of the team at ORSA, I participate in Department Grant Administrator (DGA) meetings which often focus on the latest developments in research administration. My work as a SPA also includes participating in internal meetings within ORSA for the purpose of sharing knowledge, understanding new policies and requirements.

Favorite Hobbies/Interests:
I like to fish. That said, I haven't had much luck lately. I guess I haven’t frequented the right spots at the right times, but I know it’s only a matter of time before I’m going to make a good catch one of these days. I also work out by walking, hiking, and attending exercise classes. I find this helps to keep my body in good shape. I also like to garden. I am very proud of my garden this year. It took a lot of work, but was worth it. I also am an artisan and am involved in craftsmanship. I enjoy the creative process and like to associate with others who do the same. I often have far too much going on in my personal life and am sometimes overwhelmed with places I need to go and things that I feel I need to get done but haven’t enough time to do. I sometimes chuckle to myself and think that on a day-to-day basis, Murphy's Law is a constant, and it is up to us to make the best of each day, one day at a time. I also like taking road trips out of town periodically to see new places and revisit old familiar ones. I enjoy spending time with friends and family.

Congratulations
Glen Bennett, CRA

Glen has the distinction of testing for and receiving the designation of Certified Research Administrator (CRA). This designation means that an individual has met the requirements of the Research Administrators Certification Council's eligibility requirements and has demonstrated a level of knowledge necessary for a person to be a professional research or sponsored programs administrator.

Congratulations on his accomplishment.
Kudos to Glen!
ARRA
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- Initiate appropriate data collection and reporting procedures to assure Recovery Act requirements are met in a timely and effective manner
- Review and correct all data supplied by sub-recipient and vendors
- Submit quarterly reports to FederalRecovery.gov
- Implement internal control measures as appropriate to ensure accurate and complete information

Principal Investigator’s Responsibilities

ARRA Compliance Expectations:

- Funds should be spent in a timely fashion and reported Quarterly
- Cannot co-mingle existing funds with ARRA funds
- Compliance with sponsor and UO policies and procedures
- Cost transfers between ARRA and non-ARRA funds will be monitored closely to ensure compliance with ARRA regulations

ARRA reporting requirements are in addition to current sponsor reporting requirements

The PI must report on two data elements each quarter:

- The percentage of project completion
- Description of quarterly activities / milestones
  - Grants: description of the overall purpose and expected outcomes for the award and for first-tier sub-awards
  - Contracts: description of significant services performed and/or supplies delivered

BRAINTEASER
THE HUMAN BRAIN NEEDS EXERCISE TO BE FIT AND LEARN
BOOST YOUR BRAIN POWER

How many words of five (5) or more letters can you make from the word “RESEARCH?”

There will be two winners for this puzzle: the person with the highest number of unique words and the person with the highest total number of words. In the event of a tie, the ultimate winner will be selected by a random drawing. Only the letters ‘R’ and ‘E’ may appear twice in your words.

Submit answers to orsa@uoregon.edu by October 15, 2009

Congratulations to last edition’s winner
Charlotte Wise
Neuroinformatics Center