

ANNUAL REPORT

OFFICE FOR FACULTY RESEARCH AND RESOURCES

Willamette University
900 State Street
Salem, OR 97301

FISCAL YEAR ENDING MAY 31, 2006



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Director's Message

August 1, 2006

Dear Colleagues,

On behalf of our staff, I am pleased to present the first Annual Report summarizing the work of Willamette University's Office for Faculty Research and Resources (OFFRR). Since its inception, OFFRR's goal has been to serve faculty in all departments of the College of Liberal Arts (CLA) and in the School of Education (SOE). OFFRR was founded at the beginning of a new fiscal year, and so the data presented represent our efforts from June 1, 2005 through May 31, 2006. We have labored diligently to ensure that the data presented here are accurate; any omissions or mistakes are mine alone.

As you read this report we hope that you will find the numbers and patterns interesting; we do. We take great satisfaction in seeing talented faculty members receive the recognition they deserve, and the resources that they need for their own professional development and for delivering education of the highest quality to our students.

We have enjoyed working with many faculty members and administrators over the last year. If you are a faculty member, please recognize that the OFFRR staff values the non-monetary aspects of its mission as much as the monetary. We view the proposal submission process as an important opportunity for faculty members to disseminate their most creative ideas related to learning, whether that learning comes through research, through teaching, or through creative combinations of both. Whether a proposal is funded or not, the peer review that accompanies the submission process helps all of us to refine, re-define, plan, and carry out the scholarship that we love and profess. OFFRR is delighted to be a part of a process that is of such vital importance to the professional development of faculty members and to the development of the University's programs.

If you are a faculty member who worked with us in our inaugural year, whether your proposal was funded or declined is immaterial to the OFFRR staff. We appreciate each and every one who surrendered precious time to write or participate in the submission of a grant proposal or award request. We have tried through our office celebrations to thank you, but really, we can't thank you enough. We look forward to working again with those of you who have come to know us as well as with those who have yet to take advantage of our services. May OFFRR's celebratory parties grow and grow!

With many thanks,



Gary Tallman, Ph.D.

Director

Office for Faculty Research and Resources

Professor of Biology and Taul Watanabe Endowed Chair of Science

History, mission, and organization

With a generous gift from an anonymous donor, on June 1, 2005, Dean Carol S. Long and President M. Lee Pelton established Willamette University's Office for Faculty Research and Resources (OFFRR). OFFRR's mission is to help faculty members of the College of Liberal Arts and School of Education secure funding for original research and creative teaching programs. OFFRR staff members assist faculty in identifying potential funding sources, applying for grants and fellowships, and managing post-award reporting. The Office also prepares applications in nomination of faculty members for local, regional, state, national, and international awards. OFFRR accomplishes its mission through educational programs for faculty and through development of activities, resources, procedures, and policies that support its mission.

The Director of OFFRR reports to the Dean of the College of Liberal Arts. Dr. Gary Tallman is the Director of OFFRR (half-time); Dr. Patricia Alley is the Associate Director (full-time); Ms. Kendra Mingo is OFFRR's full-time Grants Specialist; Ms. Cheron Calder works as a Grants Specialist quarter-time. Full contact information for each staff member is included at the end of this report.

OFFRR's budget for FY 2005-06 was \$145,112.00.

Highlights of FY 2005-06

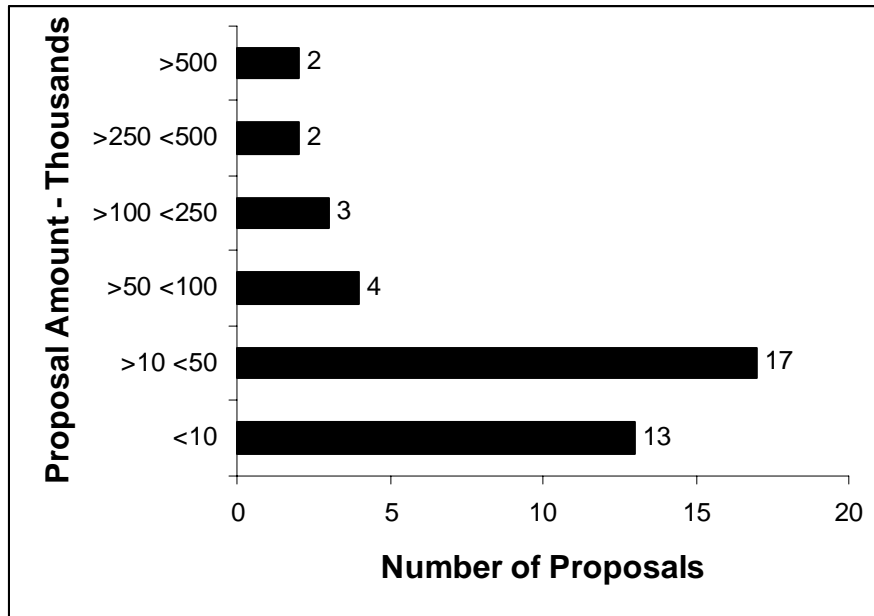
Awards to faculty announced in FY 2005-06

Awards to faculty announced in FY05-06 totaled \$837,159.00 (Appendix I). Faculty submitted forty-one proposals totaling \$3,314,163.00 in requests; three were for non-monetary awards (Appendix I). Fourteen requests, including one non-monetary request, were declined; declined requests totaled \$1,971,278.00 (Appendix I). Nineteen proposals totaling \$866,084.00 in requests were funded in full or in part. Decisions on eight proposals submitted in FY05-06 are pending; pending requests as of this writing total \$476,801.00 (Appendix I). The fund rate based on dollars awarded as a percentage of dollars requested was 25.26%. The proposal success rate calculated based on proposals funded as a percentage of proposals submitted was 57.6%, exclusive of proposals for which decisions are still pending.

Proposal profile

Most proposals (73.1%) submitted by, or on behalf of faculty comprised requests for less than \$50,000; 31.7% were requests for less than \$10,000 (Fig. 1). The smallest request was for \$200.00; the largest was for \$808,702.00 (Appendix I).

Figure 1: Dollar value distribution of proposals submitted by faculty of Willamette University's CLA and SOE in fiscal year 2005-06



The time from proposal submission to decision ranged from as little as one month to as long as 11 months (Appendix I). There was no correlation between the size of the request and the time required to receive a decision. As expected, programs that requested pre-proposals or letters of inquiry had shorter decision times than those that requested full proposals initially.

Seventy-two percent of proposals submitted were from the humanities and the sciences. For the purposes of reporting, OFFRR groups departments by discipline. The disciplinary distribution of proposals declined, awarded, and pending is summarized in Table 1.

Table 1: Number of CLA and SOE faculty proposals declined, awarded, or pending by discipline as of May 30, 2006.

<i>Discipline</i>	<i>Declined</i>	<i>Awarded</i>	<i>Pending</i>	<i>Total</i>
Arts	4	0	0	4
Humanities	3.5	8	3	14.5
Sciences	2	8	5	15
Social Sciences	1	1	0	2
CLA	1	1.5	0	2.5
SOE	2	0.5	0	2.5
Other	0.5	0	0	0.5
TOTAL	14	19	8	41

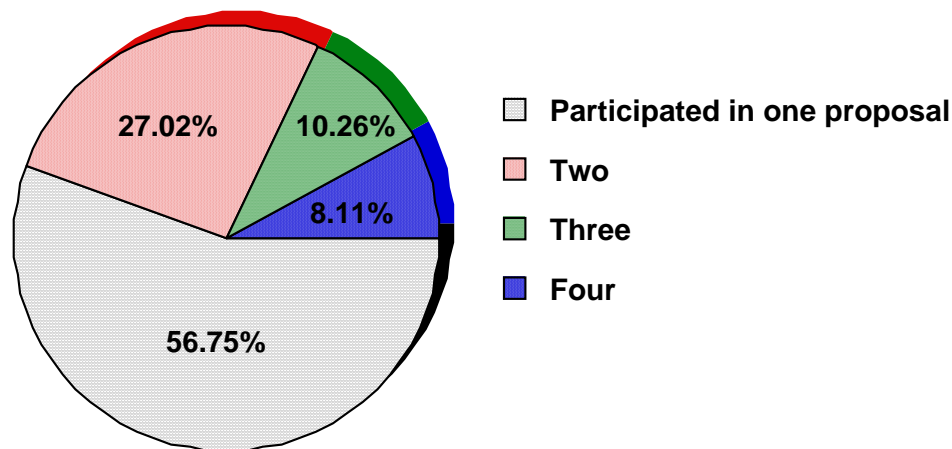
In direct relation to the distribution of proposals submitted, ninety-five percent of dollars awarded were to the humanities (67%) and the sciences (28%; Table 2).

Table 2: Dollar distribution of CLA and SOE faculty proposals declined, awarded, or pending by discipline as of May 30, 2006.

<i>Discipline</i>	<i>Declined</i>	<i>Awarded</i>	<i>Pending</i>	<i>Total</i>
Arts	\$5,000	0	0	\$5,000
Humanities	\$67,500	\$561,200	\$80,000	\$708,700
Sciences	\$605,941	\$230,959	\$396,801	\$1,233,701
Social Sciences	\$84,135	0	0	\$84,135
CLA	\$400,000	\$22,500	0	\$422,500
SOE	\$808,702	\$22,500	0	\$831,202
Other	0	0	0	0
TOTAL	\$1,971,278	\$837,159	\$476,801	\$3,285,238

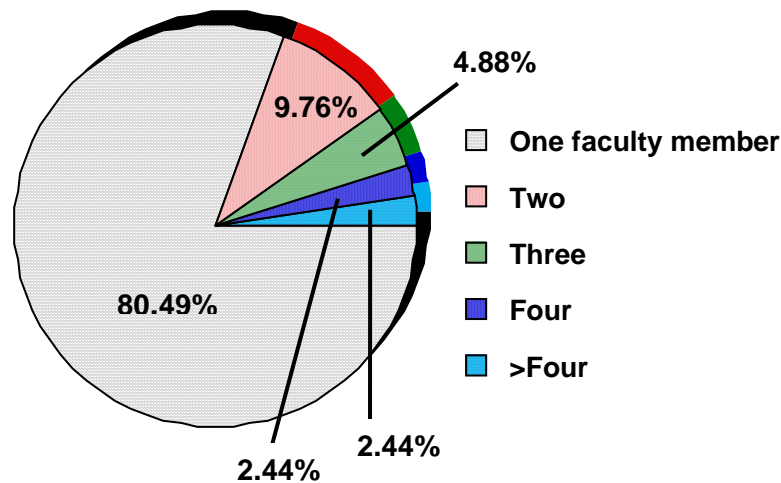
Thirty-nine faculty members (29.1% of combined CLA and SOE FTE) participated in the submission of at least one grant proposal; seventeen of those thirty-nine participated in more than one proposal submission (Fig. 2).

Figure 2: Percentage of faculty participating in submission of one proposal vs. more than one proposal.



More than eighty percent of proposals were authored by, or submitted on behalf of, one faculty member (Fig. 3); the remainder were authored by as few as two, and as many as nine, faculty members (Fig. 3).

Figure 3: Percentages of proposals submitted by faculty of the CLA and SOE of Willamette University in fiscal year 2005-06 that were authored by one, or more than one, faculty member



Collaborative activities with the Office of University Relations

To optimize fundraising potential for projects that directly impact the ability of faculty members to carry out research and deliver educational experiences of the highest quality to students, OFFRR meets bi-weekly with staff members from the Office of University Relations (UR). In fiscal year 05-06 UR was represented by Ellen Bussing, Senior Director for Major Gifts, and by Catherine Jarmin, Associate Director of Foundation and Corporate Relations. Faculty-generated projects for which no apparent public or government foundation sources are available are evaluated for their potential to elicit gifts from individual donors and/or private, family, and/or corporate foundations. Meetings are also used to co-ordinate submission of requests to sources that both offices hope to solicit and to track accurately dollars awarded to faculty. Among the projects currently being championed by OFFRR for funding through UR sources are:

- An endowment to cover the annual costs of musical instrument repair and replacement;
- A visual resources librarian and a program to convert the art history slide collection to digital format and delivery.

OFFRR continues to consult with the UR staff on ways to secure matching funds to complete remodeling of the Carnegie Library. Patricia Alley secured a \$700,000 gift from the Collins Foundation for the project shortly after joining OFFRR. UR and OFFRR are also collaborating on a funding plan to renovate space that will be vacated upon completion of the new academic building.

Non-monetary awards

Dr. Jerry D. Gray, Professor of Economics, was named Oregon Professor of the Year by the Carnegie Foundation and the Council for the Advancement and Support of

Education. Dr. Gray is the eighth Willamette professor to win the prestigious award since 1990.

http://blog.willamette.edu/stories/archives/2005/11/jerry_gray_2005.php

CASE award applications are prepared by Dr. Patricia Alley in OFFRR.

Resource development

In the summer and fall months of 2005, the OFFRR staff directed refurbishment of a suite of offices in Gatke Hall (Rooms 100, 101, and 105). Offices are configured to host group meetings, interviews, visits, and celebrations. The staff envisions development of a grant resource library, additional meeting space, and secluded space in which faculty members can sequester themselves to complete grant writing projects.

In January, OFFRR made available to every faculty member through his or her computer the searchable, online grants, awards, and fellowship database, *Community of Science (COS)*. Covering funding sources for all academic disciplines, COS contains approximately 22,000 records representing nearly 400,000 funding opportunities. The URL for COS is:

<http://www.cos.com/>

COS enables faculty members to develop and save customized search criteria based on their research and teaching interests and receive e-mail alerts automatically when the system identifies funding sources that match those search criteria. OFFRR hosted three successful training workshops in the spring semester to help faculty learn to make optimal use of COS search and alert functions. In the first six months after its introduction, twenty-five faculty members from 17 different departments created faculty profiles in the COS system. OFFRR also subscribes jointly with University Relations to Foundation Directory.

OFFRR has developed a template for its web site and is in the process of developing a fully functional site to launch in the fall semester of 2006. In 2005 OFFRR added a project initiation form that can be accessed from the OFFRR web site or through Willamette's the "Internal Web" link on the Willamette University home page.

Building faculty capacity

A major goal of OFFRR is to help faculty develop their grant seeking skills, from identifying sources of funding to writing successful proposals. OFFRR used the following to educate faculty to the grant seeking process and to develop the capacity of faculty to write successful proposals:

- To introduce OFFRR and its staff to faculty and provide opportunities for faculty to share their plans for grant submission in the coming year, OFFRR held a poster session at the CLA faculty retreat in August;

- To showcase faculty members who are already successful grant writers, in October OFFRR sponsored a panel discussion with faculty members who have received major grants from private or federal sources. Panelists included Steve Rhine (SOE), Michael Nord (Music), Jenny Orr (Mathematics), Stasinios Stavrianeas (Exercise Science), and Karen Wood (Office of the Chaplain);
- To help faculty identify sources of funding for their research, in the spring semester of 2006 OFFRR held three workshops designed to help faculty make the best use of COS (above);
- To connect faculty members with National Science Foundation (NSF) program directors and prepare faculty to submit proposals to NSF, the CLA Dean and OFFRR supported five faculty members' attendance at the regional National Science Foundation Grant Workshop in Boulder, CO in March. Those attending were Mark Beilby (Physics), David Craig (Biology), Inga Johnson (Mathematics), Scott Pike (Environmental and Earth Sciences), Kelley Strawn (Sociology). Kendra Mingo represented OFFRR at the workshop. Two faculty members, Mark Beilby and Scott Pike, submitted NSF proposals in 2006.
- To acquaint prospective faculty members and administrators with the work of OFFRR, OFFRR staff members participated in interviews of candidates for faculty and administrative positions scheduled to begin in the fall of 2006;
- In collaboration with the Faculty Resource Committee, OFFRR consolidated and summarized Atkinson Award guidelines for faculty. To further familiarize the Office with the research interests of faculty, OFFRR staff members volunteered to proofread and comment on Atkinson grant proposals before the final submission deadline. Thirteen of thirty-four applicants took advantage of OFFRR's proofreading service prior to submission.

Directing faculty to internal funding sources

Although its primary mission is to secure extramural funding, OFFRR is pleased to help faculty identify appropriate internal funding sources for projects. In many cases, OFFRR recommends that faculty employ internal grant funding to establish pilot projects and programs that can be used subsequently to demonstrate "proof of concept" to extramural granting agencies. In FY05-06 OFFRR recommended that:

- the mathematics department apply for a Hewlett Grant for teaching as bridge funding for their Summer Mathematics Undergraduate Research Program to further develop a track record for the program prior to seeking funding from the National Science Foundation's program for "Research Experiences for Undergraduates";
- Hekun Wu, Jean-David Coen, and John Peel apply for a Hewlett grant for Trio Oregon's inaugural concert tour of Japan and the People's Republic of China in preparation for an eventual appeal for sustained annual support;

- Chris Harris, Bobby Brewer-Wallin, and Vicki McGuire of the theatre department seek \$10,000 from the Lilly Project for the Theological Exploration of Vocation to help translate the theatrical works of Polish playwright Jan Wilkowski.

Policy development

At the request of Dean Long, OFFRR has developed a document containing samples of policies related to grants, contracts, and awards. Among the policies slated for discussion with the faculties of the CLA and SOE are those related to:

- Recovery, allocation, rates, and uses of indirect costs;
- Compensation for grant activities through load reduction and/or salary supplements;
- Calculation of fringe benefits as part of a grant budget;
- External compensation for professional activities.

OFFRR has provided the Dean's Council with samples of other grant-related policies with application University-wide.

Staff development

To enhance their capacity to help faculty, OFFRR staff members regularly attend grant writing seminars and workshops and local, regional, and national meetings of fundraising professionals. In FY05-06:

- Kendra Mingo attended a TGCI grantsmanship workshop at Oregon Health and Sciences University in Portland, OR on December 1-2, 2005 and the NSF Fastlane and Grants.gov workshop for administrators sponsored by the University of Colorado, Boulder, March 12-14, 2006.
- Gary Tallman served as a grant panelist for the U.S. Department of Agriculture, Cooperative States Research Education and Extension Specialists (USDA-CSREES) in Washington, D.C.

Strategic planning for OFFRR

To meet its short-term goals, OFFRR holds weekly staff meetings, bi-weekly meetings with UR (above), and monthly meetings with the Dean of the CLA. OFFRR also holds an annual two-day planning retreat. To ensure that the work of OFFRR is, and will be, driven by the needs of faculty, in fiscal year 05-06 OFFRR interviewed the entire faculty of the CLA and SOE in preparation for drafting its first strategic plan. Survey data are being entered into a database system that will enable staff to better understand faculty interests and goals, identify and remove obstacles to research and creative pedagogy, and connect faculty members with appropriate sources of funding. At least one OFFRR staff member attended each public meeting in which the President's initiative for Centers of Excellence was discussed.

Contact Information

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Appendix 1: Number and status of faculty proposals submitted in FY05-06 (as of 5/31/06)

Project Leader (Co-leaders)	Department	Proposal Title	Sponsor	Amount Requested	Date Submitted	Amount Awarded	Status
Jerry Gray	Economics	Oregon Professor of the Year Award	Carnegie Foundation and the Council for Advancement and Support of Education	0.00	4/22/05	0.00	A
Julie Abendroth-Smith	Exercise Science	A digital motion analysis system for Exercise Science	Motion Analysis Corporation	40,000.00	4/28/05	40,000.00	F
Rebecca Dobkins	Anthropology	Toi Maori: The Eternal Thread	Siletz Tribal Charitable Contribution Fund	5,000.00	2/17/05	5,000.00	F
Rebecca Dobkins	Anthropology	Toi Maori: The Eternal Thread	Spirit Mountain Community Fund	25,000.00	6/3/05	25,000.00	F
Karen Hamlin (Carol Long)	School of Education	Oregon Writing Project at Willamette University	National Writing Project	45,000.00	1/11/06	45,000.00	F
Peter Harmer	Exercise Science	Dissemination of a Community Tai Chi Program for Falls (CDC Tai Chi)	Centers for Disease Control - National Center for Injury Prevention and Control (1U49CE000711-01) (ORI received 1,000,000.00)	n/a	2/7/05	n/a	F
Peter Harmer	Exercise Science	Environmental Predictors of Elderly Obesity (Obesity)	National Insitute of Environmental Health Science (R01ES014252) (ORI received 2,000,000.00)	n/a	12/17/04	n/a	F
Chris Harris (Bobby Brewer-Wallin, Vicki McGuire)	Theater	Interpretation of theatrical work of Polish playwright Jan Wilkowski by Luba Zarembinska	Lilly Project @WU	10,000.00	1/9/05	n/a	F
Myles Jackson	History	Andrei Sakharov: Humanist and Physicist	Graves Award	11,425.00	12/1/05	10,000.00	F
Susan Kephart	Biology	Pacific Prairie Wildflowers	Earthwatch Grant	18,720.00	11/1/05	18,720.00	F
Susan Kephart	Biology	Enhancing Wetland Habitats via Community Participation	City of Salem	7,500.00	12/31/05	7,500.00	F
Susan Kephart (David Craig, Peter Eilers, Ben Crabtree, Tom Valente)	Biology	Integrating Science and Citizen Participation in Mitigated Wetlands	Oregon Community Foundation Katherine Bisbee II Fund	14,500.00	10/15/05	14,500.00	F
Susan Kephart	Biology	Hybridization and evolutionary relationships in <i>Camassia</i> : how important are reproductive isolating barriers?	M.J. Murdock Charitable Trust - College Research Program for Life Sciences	40,000.00	10/1/05	40,000.00	F
Ron Loftus	Japanese & Chinese	Kanner Prize for <i>Telling Lives: Women's Self-Writing in Modern Japan</i> (University of Hawai'i Press, 2004)	Western Association of Women Historians Kanner Prize	500.00	1/15/06	500.00	F
Ann Nicgorski	Art & Art History	Cultural Heritage Issues: The Legacy of Conquest, Colonization and Commerce	Oregon Council for Humanities	5,000.00	2/20/06	2,500.00	F
Ann Nicgorski	Art & Art History	Oregon Chautauqua Scholar	Oregon Council for Humanities	200.00	1/31/06	200.00	F
Scott Pike	Environmental & Earth Science	Travel funds for U.S. scholars to present at 8th ASMOSIA Congress	Samuel H. Kress Foundation	20,000.00	3/23/06	20,000.00	F

Appendix 1: Number and status of faculty proposals submitted in FY05-06 (as of 5/31/06)

Project Leader (Co-leaders)	Department	Proposal Title	Sponsor	Amount Requested	Date Submitted	Amount Awarded	Status
Stas Stavrianeas	Exercise Science	Investigative learning in the Exercise Physiology laboratory	National Science Foundation - Course, Curriculum, and Laboratory Improvement Program (NSF 04-565)	65,239.00	12/2/04	65,239.00	F
Chuck Williamson	Chemistry	Research Start-Up Grant for New Science Faculty Program	M.J. Murdock Charitable Trust	40,000.00	7/27/05	25,000.00	F
Karen Wood	College of Liberal Arts	Sustaining the Theological Exploration of Vocation	Lilly Endowment, Inc.	500,000.00	6/30/05	500,000.00	F
Not disclosed	Not disclosed	Not disclosed	Not disclosed	18,000.00	N/D	18,000.00	F
David Craig	Biology	The Importance of Caspian Tern Winter Foraging Ecology to Population Regulation	American Philosophical Society-Lewis & Clark Explorer Fund	4,989.00	3/14/06	0.00	D
Alicia Denicola	Anthropology	Deep Roots, Fertile Soil: Memory and the Environment in Pacific Northwest Logging Communities	American Council of Learned Societies Digital Fellowship	79,600.00	9/30/06	0.00	D
Rebecca Dobkins	Anthropology	Hiett Prize in Humanities	Dallas Humanities Institute	50,000.00	7/15/05	0.00	D
Carol Doolittle	Sociology	Effects of Globalization of Lao Silk Textiles on Village Silk Producers	American Philosophical Society-Lewis & Clark Explorer Fund	4,535.00	3/14/06	0.00	D
Randall Havas	Philosophy	Romanell-Phi Beta Kappa Professorship in Philosophy	Phi Beta Kappa	7,500.00	6/1/05	0.00	D
Roger Hull	Art & Art History	Distinguished Teacher of Art History Award	College Art Association	0.00	9/30/05	0.00	D
Carol Long	College of Liberal Arts	Difficult Dialogues Project	Ford Foundation	100,000.00	10/3/05	0.00	D
Carol Long	College of Liberal Arts	Value Indicators in the Senior Year	The Teagle Foundation	300,000.00	3/28/06	0.00	D
Heather Miller	School of Education	Full Circle Learning Project	National Science Foundation ESI-ITEST (NSF 05-621)	808,702.00	11/2/05	0.00	D
John Peel	Music	Continuation of the Presser Scholarship Award	Presser Foundation	5,000.00	9/19/05	0.00	D
Clemens Starck	English	Oregon Poet Laureate Nomination	Oregon Governor's Office	10,000.00	11/28/05	0.00	D
Stas Stavrianeas (Mark Stewart)	Exercise Science	Fundamentals of Neuroscience: A Template for Interdisciplinary Teaching in the Sciences	National Science Foundation - Course, Curriculum, and Laboratory Improvement Program	63,913.00	1/10/04	0.00	D
Stas Stavrianeas	Exercise Science	Are Increased Rates of Energy Consumption Correlated with Cardiovascular Drift During Prolonged Submaximal Steady-State Exercise?	M.J. Murdock Charitable Trust - College Research Program for Life Sciences	37,300.00	10/1/05	0.00	D
Gary Tallman (Arabas, Bowersox, Williamson, Holman, Kirk, Silverstein, Stebbins-Boaz, Hawke, Stewart, Bigelow, Beilby, Stavrianeas, Eilers, Pike)	Biology	A Proposal to Engage Undergraduates at Willamette University to "Real Life" Science	Sherman Fairchild Foundation	499,739.00	7/12/05	0.00	D

Appendix 1: Number and status of faculty proposals submitted in FY05-06 (as of 5/31/06)

Project Leader (Co-leaders)	Department	Proposal Title	Sponsor	Amount Requested	Date Submitted	Amount Awarded	Status
Roberta Bigelow (Mark Beilby)	Physics	A new investigative upper-level physics laboratory: working towards collaborative and independent research	National Science Foundation - Course, Curriculum, and Laboratory Improvement Program	149,607.00	5/9/06	pending	S
Andrew Duncan	Chemistry	Sugar-derived organocatalysts for the kinetic resolution of carbinols	Camille and Henry Dreyfus Foundation, Inc.	30,000.00	5/11/06	pending	S
Andrew Duncan	Chemistry	A method for the asymmetric organocatalytic conjugate addition of carbinols to unsaturated aldehydes	Research Corporation- Cottrell College Science Awards	38,658.00	5/10/06	pending	S
Andrew Duncan	Chemistry	Carbocycle synthesis via ring-closing metathesis reactions of allenes	American Chemical Society- Petroleum Research Fund	40,000.00	4/19/06	pending	S
Miho Fujiwara	Japanese & Chinese	World War II memory in Japanese museums and the power of language	National Endowment for the Humanities: Advanced Social Science Research on Japan	40,000.00	5/1/06	pending	S
Ortwin Knorr	Classical Studies	Innovation, metatheater, and humor in the comedies of Terence	National Endowment for the Humanities: Research Fellowship	40,000.00	5/1/06	pending	S
David McCreery	Religious Studies	Oregon Professor of the Year Award	Carnegie Foundation and the Council for Advancement and Support of Education	0.00	4/21/06	pending	S
Scott Pike (David McCreery, Joe Bowersox, Peter Eilers)	Environmental & Earth Science	Acquisition of shallow-earth geophysical instrumentation to advance research and undergraduate training with a focus on natural and human induced dynamic landscape change	National Science Foundation: Major Research Instrumentation Program	138,536.00	1/26/06	pending	S
TOTAL				3,314,163.00		837,159.00	

Status: A= Awarded, F= Funded, D = Denied, S = Submitted, decision pending