

**Washington State University Extension
 Federal Plan of Work Update**

**FY 2005 – 2006
 October 1, 2004 – September 30, 2006**

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Washington State University Extension Federal Plan of Work Update

I. INTRODUCTION

Washington State University Cooperative Extension became Washington State University Extension in November 2003, reflecting its new university-wide role.

Washington State University (WSU) Extension requests to continue the current approved Plan of Work. As per guidelines posted in the Federal Register (Vol. 69 No. 27, February 10, 2004) this document serves to outline the changes and addition made to the original 5-Year POW. Where there are no changes, "No Update" is indicated. This document is organized by the five federal goals, followed by the management goals. Projected Resources allocated for planned programs in FTE (human) and fiscal measures for the sixth and seventh years (2005 and 2006) appear on page 8. These are only our best estimates for the future and do not represent auditable commitments for future allocations. Actual expenditures for the WSU Extension fiscal year ending June 30, 2003 appear on page 8. Expenditure data, though not requested in the guidelines, provides a baseline and is presented as it appears in our original approved POW.

II. PLANNED PROGRAMS

Goal 1: An Agricultural System That is Highly Competitive in the Global Economy – No Update

Washington State University (WSU) Extension continues to include all our agricultural programming under *GOAL 4: An Agricultural System That Protects Natural Resources and the Environment*.

Goal 2: A Safe and Secure Food and Fiber System – Update

Educational programs in food safety and human nutrition continue to be central to WSU Extension's commitment to promoting healthy lifestyles for Washington families and consumers. Food safety programs with the Animal Sciences Department and Food Science and Human Nutrition Department in the College of Agricultural, Human, and Natural Resource Sciences provide information and teach skills that decrease the likelihood of illness from food borne pathogens. For example, one nationally recognized WSU Extension program has made significant reductions in food borne illness from homemade queso fresco among the Hispanic community in Yakima. WSU Extension's nutrition education programs, under the umbrella of Food \$ense, focus on low-income families and help people adopt diet and exercise practices that promote wellness. Family health is also a program focus, with diabetes education being a current priority. In both areas, WSU Extension collaborates with public health agencies, food banks, local volunteers and social service providers to reach a broad spectrum of youth and adults. Nutrition education programs will expand in both the number of counties where the programs are based and the diversity of audiences served, adding programs to serve the Slavic communities in Spokane and other new immigrant populations.

WSU Extension will contribute to the focus areas of CSREES: Food Safety; and Compliance with Standards of the Food Quality Protection Act.

Goal 3: A Healthy, Well-Nourished Population – Update

Diabetes Education and Prevention

An estimated 350,000 people have been diagnosed with diabetes in Washington. African Americans have almost twice the rate of diabetes of Caucasian Americans and about 50% of the Northwest Native American population is afflicted. To provide educational programming on diabetes, Washington State University will need increased capacity. Led by the Department of Food Science and Human Nutrition and in conjunction with the College of Pharmacy, the USDA, the Joslin Diabetes Center in Boston, and the 1994 land-grant Northwest Indian College, WSU Extension will provide diabetes education in communities across Washington. This program will emphasize early education and management of diabetes to improve patient compliance and also will focus on food selection, preparation and handling, meal planning and physical activity, and the critical role of caregivers and family members. The educational programs will be coordinated with local health departments and hospitals and linked to medical service providers so that patients receive the most current and reliable information.

WSU Extension will contribute to the focus areas of CSREES: Nutrition Issues with emphasis on behavioral issues and obesity.

Goal 4: An Agricultural System That Protects Natural Resources and the Environment – Update

Sustainable Agriculture and Natural Resources

With departments in the College of Agricultural, Human, and Natural Resource Sciences, WSU Extension programs offer producers and processors of farm and forest products education to help them improve profitability and competitiveness while preserving and enhancing the natural resources and rural environment. Farm and forest owners, professional managers and advisors obtain and apply knowledge that leads to sustainable stewardship practices, consistent with producer objectives. To stabilize economic uncertainty due to fluctuating prices, risk management educational programs are designed to help producers make production and management decisions to lower their costs. Educational programs support the adoption of value-added agricultural and specialty forest products and sustainable forest management. Through the improved implementation of Integrated Pest Management (IPM) strategies, producers may reduce the pesticide load in the environment to safeguard human and environmental health. The ability of producers to use global positioning satellite systems and associated technology may allow them to more precisely apply agricultural inputs and meet environmental regulations. WSU Extension will build upon USDA's national initiative to help small farms and non-industrial private forests make production and management decisions that will increase their sustainability. WSU Extension programs will aid in the establishment of local food systems connecting producers with consumers to enhance the economic, environmental and social well-being of those communities.

Environmental Stewardship

WSU Extension, with faculty in the departments of Community and Rural Sociology, Crop and Soil Science, Natural Resource Sciences, Horticulture and Landscape Architecture, and Biosystems Engineering, provides environmental education to help Washington State residents clearly develop and articulate a set of public values (an environmental ethic) that includes individual, organizational and community responsibilities for preserving and enhancing our state's environment. Many effective volunteer programs, modeled on the success of the original Master Gardeners, extend this work. Extension educators facilitate a process for reaching consensus and resolving conflict over environmental issues. Extension programming provides an unbiased source of education and technology transfer on environmental protection, energy efficiency and waste management. These programs lead to the protection and improvement of Washington's water resources (water quality and quantity, flora and fauna). Building upon successful wind erosion programs, producers will reduce soil loss and adopt management practices to reduce odor problems in confined animal agriculture.

Risk Management Education

WSU Extension hosts to the Western Region Center for Risk Management Education (RME). The Western Region Center for RME is funded by USDA to assist agricultural producers and their families from across the western region that is reached by Center projects to be in a better position to succeed. The Center coordinates RME programs throughout the region and conducts RME programs primarily through a regional risk management education competitive grants program serving the states of AL, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY. Since August 2003, the Center also manages the Trade Adjustment Assistance Reform Act of 2002 (TAA) program. This program expands the traditional TAA to agricultural producers and fishermen. Once a commodity is declared TAA eligible by the Foreign Agricultural Service, producers of that commodity may be eligible for technical assistance provided by the Extension system, cash payments up to \$10,000 by the USDA Farm Service Agency, and education and training support from the Department of Labor. The Western Center has responsibility to coordinate all Extension TAA technical assistance programs in the Western Region.

Harvesting Clean Energy From Farm Fields

Washington State University is uniquely positioned to address two important issues in the state that have not been previously linked: renewable energy and economic development in the agricultural sector. WSU Extension, through its Energy Program, can help agricultural producers take advantage of the need to provide greater energy supplies to the state, particularly from renewable sources. These include capturing wind and solar energy, producing biogas from animal and food processing wastes, and growing crops that yield biofuels such as ethanol or biodiesel. Funding from the Paul G. Allen Foundation will support the Center for Sustaining Agriculture and Natural Resources (CSANR) "Climate Friendly Farming" to help farmers ease global climate change by reducing farm-produced greenhouse gas emissions. The Allen Foundation's support will fund a five-year project in which WSU and USDA researchers will assess three farming systems. Dairy, irrigated crop and dry land grain farming systems will be evaluated to better understand how each contributes to global warming.

Salmon Recovery

WSU Extension will engage in education to support local communities facing complex issues surrounding the recovery of salmon. Water quality and quantity, Endangered Species listings for salmon and trout, and growth management are issues requiring the application of the best available research in developing local solutions. Local rural landowners, including farmers, worry about regulatory solutions including riparian buffers. Habitat enhancement is an important component of salmon recovery. Farmers and non-industrial forest landowners need education, training and access to research in order to make critical decisions about their property. In addition, Watershed Steward programs will train volunteers and citizens to act in community projects supporting community leadership as they face changes. In 2004, the Beach Watchers program will expand from one county to several following new earmark funding from NOAA.

Sustaining Viable Growth in Organic Agriculture

Organic food sales are increasing 20 to 30 percent per year and many Washington State growers are entering organic production. WSU Extension will make focused investments in organic farming that will enable this agricultural sector to retain its vitality and viability while contributing to consumer satisfaction and environmental quality. Farmers will learn of the requirements for participating in the organic industry and be able to evaluate organic production for its actual potential and for its compatibility with their operation and their personality. They will learn strategies for making the transition and research-based practices for success in organic food and fiber production, meeting national standards.

Viticulture and Enology

Washington grape acreage has doubled in the past ten years and the number of wineries has increased from 15 to more than 160. Extension will partner with the rapidly expanding grape and wine industry to offer a certificate program in viticulture and in enology. Two newly funded Extension positions will be filled and collaboration designed with new faculty in the CAHNRS departments for the purpose of undergraduate education and research. These projects will create the educational base for the production of superior quality grapes and value added grape products.

WSU Extension will contribute to the focus areas of CSREES: Compliance with standards of the Food Quality Protection Act; Value Added Processing; Development of Biofuels; Emerging pest and animal diseases; Invasive species; Integrated Pest Management; Trade Issues including Risk Management Education.

Goal 5: Enhanced Economic Opportunity and Quality of Life for Americans – Update

Washington State University Extension offers a wide array of youth, family and community development programs that impact economic opportunity and quality of life for the people of Washington. Included are programs that address 1) *strengthening life skills for youth and adults*; 2) *workforce preparation*; 3) *character education*; 4) *child care and parenting education*; 5) *building strong communities*; 6) *leadership for public decision making*, and 7) *responding to economic and social change*. In addition, Extension maintains its commitment to ongoing youth and family programs that are both volunteer-based and directly delivered by faculty and staff.

Community-Based Prevention Research and Education

Prevention programs seek to bolster the competencies and coping skills of youth and families to reduce the risks of problem behaviors such as substance abuse, violence and academic failure. Prevention research is interdisciplinary, cutting across areas such as psychology, sociology and health sciences. There is a critical need for partnerships linking university-based prevention scientists with prevention delivery systems in communities to create a mechanism for delivering “best practice” programs. Extension plans to serve as this conduit, linking researchers from multiple colleges to community-based practitioners and state and federal agencies that fund prevention efforts. The centerpiece of Extension’s efforts in the prevention arena is the *Strengthening Families Program for Parents and Youth 10-14 Years*. Extension’s commitment is to disseminate this program across the state in partnership with schools, community organizations, state agencies and WSU researchers, and to document its impacts on improving the lives of Washington youth and families. Expansion of the program to Spanish language delivery is currently underway with translated curriculum and trained bilingual facilitators recently added to the SFP program repertoire. The specific outcomes of the program include increased parent-child communication and reductions in substance use and abuse in adolescence. Because the SFP team includes both county-based faculty/staff responsible for program implementation and prevention scientists based in the Department of Human Development, it is planned as a model for integrated research and extension programming.

4-H Youth, Families and Their Communities

With a strong relationship with the Department of Human Development, a significant portion of Extension programs focus on building the capacity of families and youth to function positively and productively within their communities. In the Parenting Program, parents, caregivers, professionals and volunteer educators learn skills that help children to become caring, competent and healthy adults and support families to be strong and healthy. Through Extension’s efforts, communities are adopting a lifelong, comprehensive approach to family support and parent education. Youth in the Workforce Preparation Program are assisted in making the successful transition to the world of fulfilling work. They use their experiences to be successful in the workplace. Through the Life Skills and 4-H Club programs, Washington youth and families develop and enhance their life skills, leading to productive and satisfying lives and the capacity to make positive contributions to their communities. Washington State University’s 4-H Challenge Program, a premier experiential education program in the country, is successfully being integrated into youth, family and community outreach programs in the state. Through the Building Strong Communities Program, community members develop skills in community building and leadership. Participants in Character/Ethics Education programs develop their ethical decision-making and leadership skills, become more responsible for their behavior and more accepting of differences. Community members develop and model positive character traits. Extension's youth and family professionals collaborate with a broad spectrum of partners from family and youth-serving organizations to maximize outreach and effectiveness.

The Policy Consensus Center (PCC), a unique partnership between Washington State University and University of Washington, will work as a neutral source of information and resources for problem solving in the region. It was developed in response to a request from community leaders who recognize the need for improved approaches to policy development and multiparty dispute resolution. Dedicated to assisting public, tribal, business, agribusiness,

environmental and other community leaders in their efforts to work together to build consensus and resolve conflicts around difficult public policy issues.

Washington State University Center to Bridge the Digital Divide

Many of Washington's rural areas and low-income urban neighborhoods lack access to telecommunications infrastructure, personal computers and education/training necessary to participate in the information economy. The result of this *digital divide* is a split society that precludes entire communities from effectively participating in economic development and other opportunities available through telecommunications. To assist communities in dealing with this situation, Extension, in collaboration with others across the University, has established the Washington State University Center to Bridge the Digital Divide. The Center's goals are to increase the ability of community, business and local government leaders to use telecommunications technologies for the achievement of economic, civic and social benefits; to advance strategies and public policies speeding the deployment of telecommunications infrastructure to rural and under served urban communities; and to promote access to information and educational opportunities through telecommunications technologies. Extension will meet these goals through the provision of education and information, community projects, applied research and policy analysis. Initially the Center's work focused on Washington but it is rapidly become a national resource (rural telework) and international resource (NetTel Africa).

Strengthen Urban Extension Programs

Washington State University Extension has a commitment to serving all of the people of Washington. To do this in the most relevant fashion requires Extension to modify the mix of its educational offerings to reflect local needs and opportunities. In a number of Washington counties this means providing programs which are of value to residents of highly urban areas. Two such new Extension urban initiatives are *Strengthening Out-Of-School-Time Programs* and *Strengthening Urban Neighborhoods*.

Strengthening Out-Of-School-Time Programs

The young people of Washington State and their families are faced with the daily challenge of locating safe, supportive, affordable and educational out-of-school-time activities. These activities foster strengthened relationships for young people and their families that effectively reduce youth violence and negative behaviors in our homes, schools and communities. WSU Extension is uniquely positioned in every community across our state to create partnerships with communities, families and young people for positive learning opportunities for both children and their parents through out-of-school-time activities. These educational community partnerships will result in a reduction in juvenile crime, an increase in student performance, closer and more harmonious parent-child relationships and strengthened connections between young people and their communities and communities with their young people. As a partner in sustained efforts to prevent youth and family violence, WSU Extension will provide standards-based, best practices curriculum and training in family and youth development for schools, social service agencies and community organizations that serve young people and their families.

Strengthening Urban Neighborhoods

Extension faculty and staff will act as catalysts for building community in urban neighborhoods. In partnership with community organizations, agencies and citizens, Extension faculty and staff

will mobilize resources from across the University in the interest of increasing economic and social capital for at-risk neighborhoods. One successful model for this work includes the Salishan Learning Center and construction of the Hope VI community in Tacoma.

WSU Extension will contribute to the focus areas of CSREES: Building Human Capacity.

III. STAKEHOLDER INPUT – No Update

IV. PROGRAM REVIEW – Update

WSU Extension will use the Life Skills Evaluation System to measure growth in life skills for youth and family programs. This is available now as an online evaluation system <http://cru23.cahe.wsu.edu/lifeskills>. The system links closely to the Logic Model, a program planning process designed to assist WSU Extension in evaluating program outcomes. The Logic Model is the basis for all program planning and evaluation.

V. PROGRAM DELIVERY – Update

Multistate Programming – No Update

Although this narrative report covers many multi-state extension activities and we certainly do a great deal of work in collaboration with Oregon and Idaho and the western region, we continue to request a waiver and will not be reporting any auditable activities.

Integrated (multifunction) Programming – No Update

Extension faculty are members of interdisciplinary extension and research projects as well as multi-state coordinating committees. However, the need to keep Federal and State funding of positions flexible and the resultant impossibility of providing an auditable report to reflect all this work, we continue to request a waiver of the report for integrated programming in the POW Update, and to underreport our actual work on the auditable forms.

Multi-institutional Programming – No Update

VI. PROJECTED RESOURCES

Resources Allocated for Planned Programs in FY 2005 – 2006 (FTE and fiscal)

Extension Formula Funds and Required Level of Matching Funds (%)

Baseline Federal Fiscal Year 1999

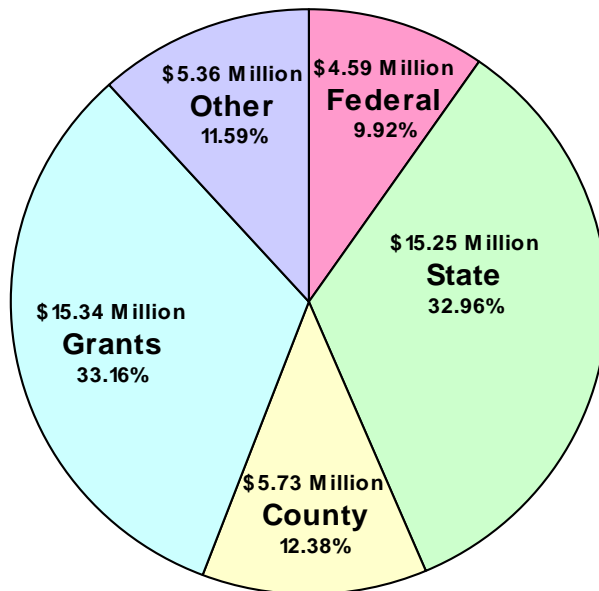
Federal Appropriation	\$4,871,234.68
State Required Match	<u>\$4,060,629.97</u>
Total	\$8,931,864.65

Table 1: Projected Resources – Smith-Lever Allocation *only*

	Current year ending Sept. 30, 2003		Projected FY 2005		Projected FY 2006	
	FTE	Dollars	FTE	Dollars	FTE	Dollars
Goal 1	0.0	\$0	0.0	\$0	0.0	\$0
Goal 2	0.40	\$91,888	0.40	\$91,888	0.40	\$91,888
Goal 3	0.0	\$1,365,188	0.0	\$1,365,188	0.0	\$1,365,188
Goal 4	6.55	\$1,793,511	6.55	\$1,793,511	6.55	\$1,793,511
Goal 5	8.9	\$1,611,195	8.9	\$1,611,195	8.9	\$1,611,195
TOTAL	15.88	\$4,861,782	15.88	\$4,861,782	15.88	\$4,861,782

Figure 1: Expenditures by Source of Funds – Update

July 1, 2002 - June 30, 2003
\$46.27 Million



VII. CIVIL RIGHTS

Underserved Audiences – Update

WSU Extension is committed to strengthening outreach to diverse and underserved constituents. Our faculty and staff are proactive and use multiple points of contact for recruitment – individual, student, family and community – to more effectively engage new constituents. WSU Extension will apply for Change Agent States for Engagement (CASE) status, name a Catalyst Team for diversity, utilize the inventory of capacity to serve Hispanic audiences conducted in 2003, collaborate with WSU Tri-Cities campus and the College of Education to formalize programming efforts to serve the Latino/a communities in Washington State.

Modeling Diversity Internally

Organizations that are most trusted and credible in diverse communities are those that employ a staff rich in diversity. WSU Extension will contract with Michigan State University Extension and collaborate with the WSU Office of Human Relations and Diversity to offer multicultural awareness training and replicate the training internally throughout WSU campuses and locations. Extension will improve the mix of culturally diverse faculty and staff to more closely reflect the diversity of our state's population. The highest priority is to attract and retain diverse employees in parts of the state where there are significant communities of color. Action Steps:

- Actively recruit people of color to apply for vacant positions, including personal contact to encourage application.
- Create opportunities for groups of diverse youth to consider higher education in their future.
- Create opportunities for graduate students from diverse groups to intern or work on special projects in partnership with a mentor from WSU Extension. These students will be recruited from a variety of institutions.

Expanding Our Reach to Diverse Constituents

In order to effectively reach the expanding audience of culturally diverse individuals and families, Extension educators will be given support and opportunities to update their professional skills. In addition, the organization will create a rewards and incentive system that clearly communicates the value of outreach to diverse constituents. Action Steps:

- Support participation in intensive language training.
- Design and deliver a train-the-trainer in-service focused on improving cross-cultural understanding and crafting appropriate program approaches for culturally diverse audiences.
- Hold employees accountable for outreach to diverse audiences through the performance review system.
- Utilize awards to publicly recognize faculty, staff and programs that are models for diversity outreach.

Compliance Review – Update

Annually three minimally, and up to five counties will be selected for on-site compliance review. This is an increase from two counties per year as stated in prior Plan of Work. A web site <http://bfo.cahe.wsu.edu/personnel/civilrights/index.htm> provides resources for compliance reviews.

Appendix A – No Update

Appendix B – No Update

CERTIFICATION – Signature of Director



Michael J. Tate, Dean and Director

April 1, 2004

Date

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