**SUMMARY OF PROFESSIONAL ACCOMPLISHMENTS** [[1]](#footnote-1)

**PERSONAL DATA**

William S. Braunworth Jr.

Associate Professor; Program Leader Extension Agriculture and Natural Resources Extension Program

Department of Horticulture

Oregon State University

Date of most recent hire: 11/86

Date last promotion: 6/91

1. **EDUCATION AND EMPLOYMENT INFORMATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Major** | **Institution** | **Year** |
| B.S. | General Agronomy | Colorado State University | 1975 |
| M.S. | Crop Science | Colorado State University | 1977 |
| Ph.D. | Horticulture | Oregon State University | 1986 |
|  |  |  |  |
| **Position** | **Institution** | **Dates** |
|  |  |  |
| Agricultural Sciences and Natural Resources Extension Program Leader; Associate Professor | Oregon State University Extension Service & College of Agricultural Sciences | 12/92-present |
| HorticulturalistAssistant Professor | Oregon State University Horticulturist at the Bvumbwe Agricultural Research Center, Limbe, Malawi | 1/89-11/92 |
| Weed Management Specialist Assistant Professor | Oregon State University Weed Management Extension Service | 11/86-12/88 |
| Office of International Research and Development | Oregon State University | 6/86-10/86 |
| Graduate Research Assistant | Oregon State University | 8/83-5/86 |
| Agronomist, Egypt Water Use and Management, Cairo, Egypt | Colorado State University | 1/80-7/83 |
| Area Agronomist, Extension Field Faculty | Colorado State University  Prowers County Cooperative Extension Service | 6/77-12/79 |

1. **TEACHING, ADVISING AND OTHER ASSIGNMENTS[[2]](#footnote-2)**

**1. Teaching**

b) Graduate courses

AREc 507/FW 599/ PS 507/ SOC 599 Endangered Species, Irrigated Agriculture and Rural Communities: The Klamath Basin Case. Guest lecturer, Winter, 2003.

ANTH 481/581 Natural Resources and Community Values. Guest lecturer, Winter, 2005.

**2. Teaching Evaluations** of ANTH 481/581 indicated that 89% of the 29 students rated in-class guest lectures from faculty involved in the two case studies as a very effective learning method. An evaluation done ten weeks after the course indicated that 86% of the students often or fairly often use what they learned when analyzing a natural resource conflict.

**3. Peer Teaching Evaluations** N/A

**4.b. Advising - Graduate Students**

*Have directed 1 program resulting in advanced degrees, served on 3 graduate committees, and been the graduate school representative on 11 committees.*

|  |  |  |
| --- | --- | --- |
| **Student** | **Degree and Discipline** | **Completed** |
| *Major Professor* |  |  |
| Dennis Gamroth  | M.Ag., Horticulture | 1997 |
|  |  |  |
| *Committee* |  |  |
| Brad Withrow-Robinson  | Ph.D., Forest Ecology | 2001 |
| Dost Baloch  | Ph.D., Crop Science | 1998 |
| Aliou Konate  | M.Ag., Statistics | 1996 |
|  |  |  |
| *Graduate School Representative* |  |  |
| Babra, BobbyRuey Shieh  | Ph.D., Molecular and Cellular BiologyPh.D., Science and Math Education | 20122005 |
| Catherine Hass  | M.S., Genetics | 2004 |
| Wendy Brown  | Ph.D., Microbiology  | 2002 |
| Timothy Knight,  | M.S., Soil Science  | 2002 |
| Isabel del Blanco | Ph.D., Crop Science | 1999 |
| John Fenske, | Ph.D., Food Science and Technology | 1998 |
| Lisa Grubisha, | M.S., Botany | 1998 |
| Waranush Sorasuchart, | Ph.D., Pharmacy | 1998 |
| Myriam Kucza, | M.S. Food Science and Technology | 1997 |
| John Kimball | Ph.D., Bioresource Engineering | 1995 |

Prior to promotion: five other MS students; four as committee member with significant supervision responsibilities, one a Bunda College Student in Malawi. I served as graduate school representative for the fifth student.

**5. Other Assigned Duties**

The following outline shows the general content of activities in the category of “Other Assigned Duties.” More complete detail that elaborates on the context, impacts and scholarship of these activities in the same outline form is presented in Appendix A.

 **Other Assigned Duties outline:**

**Administration**

**a. Innovations in Program Design:**

**i. Integration of Agricultural Extension into the College of Agricultural Sciences’ Structure with Increased Accountability**

**ii. Working Groups**

**iii. Multidisciplinary and Integrated Approaches for Improved Community Impacts:** Out of the work group and teamwork culture of the Extension Agriculture program, innovative programs have arisen. These have been multidisciplinary in nature and include peer-reviewed products. Examples are listed below:

1. **Klamath Water Allocation**

**b) Landmarks in Conservation**

**c) Specialty Crops Pesticide Registration**

**d) Pesticide Safety for Latinos**

**e) The Oregon Plan for Salmon and Watersheds**

**f) Rural Studies Program**

**g) Small Farms Program**

**h) Other innovative programs**

* **Ethnographic Futures Research**
* **Liaison to Oregon Department of Agriculture**
* **Ecological Gardening Series**
* **Food Security and Community Development for the Metro Counties**
* **Web-based Outreach: Lifelong Learning Opportunities.**

**b. Innovations in Budget Allocation and Planning:**

**i. Budget Allocation**

**ii. Budget Planning**

**iii. Supporting county and experiment station administrators**

**iv. New Position Development**

**v. Area Administration Implementation Team**

**vi. Insect Identification Services**

**vii. Malheur County Field Crops Faculty Appointments**

**viii. Marion County SWCD Collaboration**

**c. Innovations in Staffing and Faculty Rewards:**

**i. Innovative Staffing Partnerships**

**ii. Priority Staffing and Strategic Staffing Plan**

**iii. Promotion and Tenure**

**iv. Salary Administration**

**v. Alternative Leadership Models for NWREC**

**d. Innovative Partnerships**

**e. Other Assigned Duties**

**C. SCHOLARSHIP AND CREATIVE ACTIVITY**

*Note: Additional evidence of scholarship and peer validation is presented in detailed presentation of section B, number 5, “Other Assigned Duties” in Appendix A*

**1. Publications and Presentations (ordered by date within groupings)**

**a. Thesis**

Braunworth, Jr., W.S. 1986. Irrigation scheduling methods and water use of sweet corn. Ph.D. Thesis, Department of Horticulture, Oregon State University, 214pp.

Braunworth, Jr., W.S. 1977. Effects of planting date on grain sorghum development. M.S. Thesis, Department of Agronomy, Colorado State University, 83 pp.

**b. Refereed Journal Articles**

*Three since last promotion; six prior to last promotion.*

Welch, T., and W.S. Braunworth, Jr. 2010. Education in the face of controversy: When water and politics mix. Journal of Extension. <http://www.joe.org/>

Ploetz, R.C., Channer, A.G., Chizala, C.T., Banda, D.L.N. Makina, D.W., Braunworth, Jr., W.S. 1992. A current appraisal of banana and plantain diseases in Malawi. Tropical Pest Management 38(1):36-42.

Ploetz, R.C., Braunworth, Jr., W.S., Gantotti, B., Hasty S., Chizala, C.T., Banda, D.L.N., Makina, D.W., Channer, A.G. 1992. Fusarium wilt of banana (Panama disease) in Malawi. Fruits 47(4):503-508.

*Prior to last promotion.*

Shenk, M., Braunworth, Jr. W.S., Fernandez, R., Curtis, D., McGrath, D. and William, R.D. 1990. Wild proso millet (*Panicum miliaceum*) control in sweet corn (*Zea mays*). Weed Technology 4:440-445.

Doty, J., Braunworth, Jr., W.S., Tan, S., Lombard, P. 1990. Evapotranspiration of cool season grasses grown with minimal maintenance. HortScience. 25(5):529-531. (student was lead author)

Braunworth, Jr. W.S. and Mack, H.J. 1989. The possible use of the crop water stress index as an indicator of evapotranspiration deficits and yield reductions in sweet corn. J. Amer. Soc. Hort. Sci. 114(4):542-546.

Braunworth, Jr. W.S. and Mack, H.J. 1989. Crop‑water production functions for *Zea mays* L. J. Amer. Soc. Hort. Sci. 114(2):210-215.

Braunworth, Jr. W.S. and Mack, H.J. 1987. Evapotranspiration and yield comparisons among soil‑water‑balance and climate‑based equations for irrigation scheduling of sweet corn. Agron. J. 79:837‑841.

Braunworth, Jr. W.S. and Mack, H.J. 1987. Evaluation of irrigation scheduling methods for sweet corn. J. Amer. Soc. Hort. Sci. 112(1):29‑32.

Braunworth, Jr., W.S. and Mack, H.J. 1987. Effect of deficit irrigation on yield and quality of sweet corn. J. Amer. Soc. Hort. Sci. 112(1):32‑35.

**c. Extension Publications[[3]](#footnote-3)**

*Five since last promotion; 13 prior to last promotion.*

Dodrill, S. 2005. Landmarks in Conservation DVD (with Bill Braunworth, Extension Agriculture Program Leader; Diane Meierhenry, Natural Resource Educator; Teresa Welch, Agriculture Publishing Manager; Andrea Dailey, Forestry/Family & Community Development Publishing Manager; all of Oregon State University Extension Service; Jung In Yun, graduate student, University of Oregon; Lynn Ketchum, Educational Video Specialist, Oregon State University Extension Service; Darrell Kilgore, Video/Satellite Communication Specialist, Washington State University Extension Service; Tom Weeks, Outreach Design Leader, Oregon State University Extension Service) (I was PI, initiated and developed project concept; procured grant and gift funding.)

Braunworth, B., R. Hathaway and T. Welch, eds. 2002. Water Allocation in the Klamath Reclamation Project, 2001: An assessment of natural resource, economic, social, and institutional issues with a focus on the upper Klamath Basin. Oregon State University and the University of California. SR 1037 OSU Extension Service: <http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/7132/SR%20no.%201037.pdf?sequence=1> 421pp.

*This document was translated into Japanese and published for distribution in 2008.*

Braunworth, Jr., W.S. 1992. Horticulture crop production recommendations, Ministry of Agriculture, Malawi, and Consortium for International Development. 271pp. Compiler.

Braunworth, Jr., W.S., Banda, D.L.N. 1991. Chili production. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 14pp.

Ministry of Agriculture, 1991. Guide to agricultural production in Malawi 1990-1991. Malawi Government. Directed development and writing of the horticultural cropping recommendations for this publication.

*Prior to last promotion.*

Makato, C.J.A. (compiled by) 1990. Crop production recommendations. Department of Agricultural Research, Ministry of Agriculture, Malawi. Directed development and writing of the horticultural cropping recommendations for this publication.

Kalizang'oma, D.C. and W.S. Braunworth. 1990. Temperate fruit tree planting and management. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 12pp.

Braunworth, W.S., R.C. Kumwenda, and J.L. Mhango. 1990. Production recommendations for vegetables: cabbage, onion, tomato. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 12pp.

Banda, D.L.N. and W.S. Braunworth. 1990. Instructions for planting tropical fruit trees. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 2pp.

Braunworth, W.S. 1988-1986; 1979-1977. Newsletters; Weed topics for the pacific northwest region and living mulch news. Newspaper articles, radio programs, producer bulletins, and research reports for the Southeast Area Cooperative Extension Service, Colorado State University, and as Extension Specialist at Oregon State University, some with limited peer review.

William, R.D., Burrill, L.C., Parker, R., Swan, D.G., Howard, S.W., Kidder, D.W., Braunworth, Jr., W.S. 1989. Pacific Northwest weed control handbook. Extension Services of Oregon and Washington State Universities and University of Idaho, 276pp.

William, R.D., Burrill, L.C., Parker, R., Swan, D.G., Howard, S.W., Kidder, D.W., Braunworth, Jr., W.S. 1988. Pacific Northwest weed control handbook. Extension Services of Oregon and Washington State Universities and University of Idaho, 264pp.

Riedl, H., R.A., Spotts, R.A., Burkhart, D.J., Fisher, G.C., MacSwan, I.C., McAllister, R.E, Braunworth, B. 1988. Pest management guide for tree fruits in mid‑Columbia area. Hood River, The Dales, White Salmon. Oregon State University Extension Service; EM8203, revised February, 1988, 32pp.

William, R.D., McGrath, D., Braunworth, Jr., W.S., Curtis, D., Crabtree, G.D. 1989. Search for dinoseb alternatives in snapbeans, 1987 and 1988. Oregon State University Extension, industry hand‑out, 11pp.

Riedl, H., Spotts, R.A., Burkhart, D.J., Fisher, G.C., MacSwan, I.C., McAllister, R.E, Braunworth, Jr., W.S. 1987. Pest management guide for tree fruits in mid‑Columbia area. Hood River, The Dales; White Salmon. Oregon State University Extension Service; EM8203, revised February, 1987, 28pp.

Ley, T.W., El‑Kady, M., Litwiller, K., Hanson, E., Braunworth, Jr., W.S., El‑Falaky, A., Wafik, E. 1983. The influence of farm irrigation system design and precision land leveling on irrigation water management. EWUP Technical Report no. 41, Cairo, Egypt.

Youngman, V.E., Mann, H.O., Swink, J.F., Hinze, G.O., Langin, E.J., Croissant, R.L., and Braunworth, Jr., W.S. 1979. Sorghum hybrid performance tests in Colorado, 1979. General Series 987, Experiment Station, Colorado State University. approx. 25pp.

Braunworth, Jr., W.S., Youngman, V.E., Hinze, G.O. 1977. Grain sorghum date of seeding study at Akron, Colorado 1976. Progress Report No. 3, Experiment Station, Colorado State University. 3pp.

**d. Peer-Reviewed Publications in Non-Refereed Journals**

*Three since last promotion; 17 prior to last promotion.*

Hathaway, R.L., W. S. Braunworth, S. K. Cartwright, T. J. Gallagher, P. C. Case. 2002. University response to a community natural resource crisis. Proceedings of Western Section, American Society of Animal Science. Volume 53.

Debbons, J., Chilembwe, E. Braunworth, Jr. W.S. Mainjeni, C.D.E. 1993. First report of *Nectria* twig blight on apple trees in Malawi, Africa. Plant Disease. 77(4): 428. 1p.

Chizala, C.T., Chilembwe, E.H., Banda, D.L.N., Braunworth, Jr., W.S. 1992. Progress report of mango variety evaluations in Malawi. Presented as a poster with abstract proceedings at the 4th International Mango Symposium. CRC Press, Inc., Boca Raton, Florida. 1p.

*Prior to last promotion.*

William, R.D., W.A. Sheets, W.S. Braunworth, Jr., G.D. Crabtree, and D.J. Burkhart. 1990. Optimizing perennial weed management with repeated low rates of dichlobenil. Proceedings of Western Society of Weed Science, 1990. 43:95-99.

Shenk, M., W.S. Braunworth, Jr., R. Fernandez, D. McGrath, and D. Curtis. 1989. Chemical control of wild proso millet (*Panicum miliaceum L*.), in sweet corn and possible effects of growing point location on herbicidal effectiveness. Proceedings of Weed Science Society of America, 1989. 29:143-144 (WSSA Abstract no. 320).

McGrath, D., Diener, P., Braunworth, Jr. W.S., Crabtree, G. 1989. Alternatives to dinoseb. Proceedings of Oregon Horticulture Society; 80:119-121.

DeFrancesco, J.T., Braunworth, Jr., W.S., Nelson, E., Crabtree, G. 1989. Possible alternatives to dinoseb for cane suppression in caneberries. Proceedings of Oregon Horticulture Society; 80:146-150.

Curtis, D., Braunworth, Jr., W.S., McGrath, D., Crabtree, G. 1989. Wild proso millet control in sweet corn in the Willamette Valley, 1988. Proceedings of Western Society of Weed Science 1989. 42:250-252.

Braunworth, Jr., W.S., Curtis, D., McGrath, D., Crabtree, G. 1989. Herbicide combinations for broadleaf weed control in green beans. Proceedings of the Western Society of Weed Science, 1989. 42:246-249.

Braunworth, Jr. W.S., Amali, S., Vomocil, J.A. 1989. Yields of sweet corn and table beets as affected by amounts of water applied. Proceedings of the Oregon Horticulture Society. 80:124-126.

McGrath, D., Diener, P., Braunworth, Jr., W.S., Crabtree, G. 1988. Controlling wild proso millet (*Panicum miliaceum L.)* in snapbeans. Western Society of Weed Science Research Progress Report. Fresno, Calif. p. 105‑106.

Diener, P., Braunworth, Jr., W.S., McGrath, D., Crabtree, G. 1988. Weed control in snapbeans, alternatives to dinoseb. Proceedings of Weed Science Society of America, February 2‑4, 1988. 28:23 (WSSA Abstract. no. 62).

Braunworth, Jr., W.S., Nelson, E., Crabtree, G. 1988. Evaluation of chemicals for suppression of primocanes in evergreen blackberries and red raspberries, 1987. Proceedings of Western Society of Weed Science, March 8‑10, 1988. 41:43‑46.

Braunworth, Jr., W.S., Nelson, E., Crabtree, G. 1988. Evaluation of chemicals as cane suppression alternatives for caneberries, 1987. Proceedings of Oregon Horticulture Society, January 26‑28, 1988. 79:192‑195.

Braunworth, Jr., W.S., Diener, P., McGrath, D., Crabtree, G. 1988. Weed control programs for snapbeans in the Willamette Valley, 1987. Proceedings of Oregon Horticulture Society, January 26‑28 1988. 79:139‑142.

Braunworth, Jr., W.S., Diener, P., McGrath, D., Crabtree, G. 1988. Methods for control of wild proso millet (*Panicum miliaceum L.*) in sweet corn in the Willamette Valley, 1987. Proceedings of Oregon Horticulture Society, January 26‑28, 1988. 79:143‑153.

Braunworth, Jr., W.S., Diener, P., McGrath, D., Crabtree, G. 1988. Control of wild proso millet (*Panicum miliaceum L*.) in sweet corn. Proceedings of the Weed Science Society of America, February 2‑4, 1988. 28:97 (Abs. No. 276)

Braunworth, Jr., W.S. 1987. Alternatives to dinoseb for snapbeans and caneberries. Proceedings from the Oregon Weed Society meetings, October, 1987, p. 11‑17.

Braunworth, Jr., W.S. and Mack, H.J. 1987. ET measurements for irrigation of sweet corn. *In:* Irrigation Systems for the 21st Century. p. 552‑559. Ed.: James, L.G. and English, M.J. Proceedings of a conference spon­sored by the Irrigation and Drainage Division of the ASCE.

El Shinnawi, Sabah, Naguib, Semaika, Braunworth, 1980. Sweet corn as a new crop in the Cairo, Mansuriya area, 1980. Staff Paper No. 55, Cairo, Egypt Water Use and Management Project.

**e. Printed Reports, peer reviewed as indicated.**

*Seventeen since last promotion; 16 prior to last promotion.*

Braunworth, Jr., W.S., J. Breen, et.al. 2006. Extension veterinarian staffing and AES and AgES for Klamath County. Not peer reviewed.

Braunworth, Jr., W.S. 2005. Extension Agriculture Program Work Area Plan of Work for the 2005-2007 Biennium. OSU Extension Service. Pp 64. Peer reviewed.

Braunworth, Jr., W.S. 2000. Extension Agriculture Program, OSU Accreditation Report, OSU College of Agricultural Sciences.1p. Peer reviewed.

Braunworth, Jr., W.S. 1995. Inventory at Extended Education in the College of Agricultural Sciences, Oregon State University. Compiler.

Federal OSU Extension report, contributed to the Agriculture program section, 1992 to 2012.

Acker, D.G., Debons, J., and Braunworth, Jr., W.S. 1992. Malawi Agricultural Research and Extension Project Final Report. Contract No. AFR612-0215C-00-6006-00. Project Publication No. 72. 25pp.

Braunworth, Jr., W.S. 1992. Horticulture Commodity, Data Bases, Trip Reports, Miscellaneous Reports. Ministry of Agriculture, Malawi, and Consortium for International Development. 282pp. Compiler.

Braunworth, Jr., W.S. 1992. Reports of Research Results, Volume 2. Ministry of Agriculture, Malawi, and Consortium for International Development. 211pp. Compiler.

Braunworth, Jr., W.S. 1992. Reports of Research Results, Volume 1. Ministry of Agriculture, Malawi, and Consortium for International Development. 176pp. Compiler.

Sauti, R.F.N., Matabwa, E.S., Bakali, G.F. Braunworth, Jr., W.S. 1992. Performance of sweet potato varieties with maize and sorghum intercrops in Malawi, 1990/91 (Preliminary report). Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 14pp.

Chilembwe, E.H.C., Chilanga, T., Chizala, C.T., Gondwe, W.T., Mhango, J., Phiri, I.M.G., Sauti, R.F.N., Braunworth, Jr., W.S. 1992. Proposal: high impact horticulture assistance program (HIHAP). Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 26pp.

Braunworth, Jr., W.S. 1992. A description of the cashew industry in Malawi, 1992. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 21pp.

Braunworth, Jr., W.S., Janes, C., Mkwangwanga, Mhango, J., Kumwenda, R. Bwanaisa, K.H., Mvula, G.T., Lumbe, T. 1992. A survey of Bvumbwe market area tomato farmers, wholesale and retailers during February, 1991. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 28pp.

Braunworth, Jr., W.S., Banda, D.L.N. 1992. Economic considerations in the production and marketing of bananas: Applications to planning research and extension programs. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 27pp.

Braunworth, Jr., W.S. 1992. Computation of reference evapotranspiration and irrigation requirements using the Blaney Criddle Equation. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 7pp.

Banda, D.L.N., Braunworth, Jr., W.S. 1992. Summary report of mango variety evaluations in Malawi. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 18pp.

Braunworth, Jr., W.S. 1992. Horticulture Commodity Annual Report, 1990/91. Ministry of Agriculture, Malawi, and Consortium for International Development. pp281. Compiler.

* Coffee commodity progress report for 1990/91. 17pp.
* Root and tuber crops annual report, 1990/91. (Irish potato, sweet potato and cassava) 47pp.
* Tropical fruit and spice research review, 1990/91. 21pp.
* Temperate fruit report, 1990/91. 21pp.
* Vegetables crops research, Annual report 1990/91. 57pp.

*Prior to last promotion*.

R. C. Kumwenda, R.C., Chilima, Z.W., Braunworth, W.S. 1989. Cabbage fertilization with nitrogen, phosphorus, and potassium; Summary report, 1984-1987. 13pp.

Kwapata, M.B., Braunworth, Jr., W.S., Mhango, J.L. 1990. Paper presented at the SACCAR/AVRDC Regional Consultation Workshop on Vegetable Research and Development in SADDC Region, Arusha, Tanzania, July 9-13, 1990. 17pp.

Banda, D.L.N., Braunworth, Jr., W.S., Channer, A.G., Chizala, C.T. 1990. Plantain and banana research and technology transfer in Malawi. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 13pp.

Braunworth, Jr., W.S. 1990, 1992. Horticulture Commodity Annual Report, 1989/90. Ministry of Agriculture, Malawi, and Consortium for International Development. 206pp. Compiler.

* Coffee commodity progress report for 1988-90. 20pp.
* Root and tuber crops annual report, 1989/90. (sweet potato and cassava) 36pp.
* Root and tuber research annual report, 1989/90; Potato (Solanum tuberosum). 6pp.
* Tropical fruit and spice research review, 1989/90. 32pp.
* Temperate fruit report, 1989/90. 13pp.
* Vegetables crops research, Annual report 1989/90. 35pp.

Sauti, R.F.N., Soko, M.M.M., Matabwa, E.S., Braunworth, Jr., W.S., 1989. Research activities on cassava. Workshop presentation on cassava mealybug: Zomba, 23-30 September, 1989, Malawi. 12pp.

Braunworth, Jr., W.S., and Luka, D.R.L. 1989. Budget analysis of nursery operations for the Department of Agricultural Research, 1987-1989. Bvumbwe Agriculture Research Station, Department of Agriculture Research, Ministry of Agriculture, Malawi. 8pp.

Braunworth, Jr., W.S. 1989, 1992. Horticulture Commodity Annual Report, 1988/89. Ministry of Agriculture, Malawi, and Consortium for International Development. pp175. Compiler.

* Coffee commodity progress report for 1988-89. 12pp.
* Indigenous fruits and vegetables research program. 4 pp.
* Budget analysis of nursery operations for the Department of Agricultural Research, 1987 to 1989. 8pp.
* Root and tuber research annual report, 1988/89. Potato (Solanum tuberosum). 6pp.
* Cassava and sweet potato Results 1987/88 and 1988/89. 27pp.
* Tropical fruit and spice research review, 1988/89. 19pp.
* Temperate fruit report, 1988/89. 8pp.
* Tree Nut Agronomy Annual Report 1988/89. 45pp.
* Vegetables crops research, Annual report 1988/89. 22pp.

William, R.D., Crabtree, G. (compiled by:). 1988. Horticulture Weed Control 1988 Report. Dept. of Horticulture, Oregon State University, Corvallis, 149pp. Papers contributed to this annual report are as follows:

* Braunworth, Jr., W.S. 1988. Prune tolerance to diuron & simazine, 1987-88, p. 48-51.
* Braunworth, Jr., W.S. 1988. Prune tolerance to lactofen (cobra), 1987-88, p. 53-55.
* Braunworth, Jr., B., Crabtree, G. 1988. Weed control efficacy and crop safety of ignite on prunes, p. 43-47.
* Braunworth, Jr., W.S.. and Regan, R. 1988. Chlorpyralid selectivity involving four Christmas tree species, p. 63-67.
* Braunworth, Jr., W.S., Curtis, D., McGrath, D., Crabtree, G. 1988. Weed control in snapbeans, p. 71-91.
* Braunworth, Jr., W.S., Curtis, D., Crabtree, G. 1988. Effects of timing and amount of irrigation on herbicide activity in snapbeans, 1988, p. 92-99.
* Braunworth, Jr., W.S., Curtis, D., McGrath, D., Crabtree, G. 1988. Wild proso millet control in sweet corn, p. 100-118.
* Braunworth, Jr., W.S. Curtis, D., McGrath, D., Crabtree, G. 1988. Alternatives to lorox in carrot production, p. 119-129.
* Braunworth, Jr., W.S., William, R.D. 1988. Vegetable seed crop tolerance to pronamide and simazine, p. 133-138.
* DeFrancesco, J.T., Braunworth, Jr., W.S., Nelson, E. 1988. Possible alternatives to dinoseb for cane suppression in caneberries, p. 29-36.
* Fletcher, R., Braunworth, B. 1988. Christmas tree tolerance to oust herbicide, p. 59-62.
* Murray, H., Tan, S., and Braunworth, Jr., W.S. 1988. Effects of living mulch on Christmas trees and soil moisture status, Final report, p. 7-15.
* Murray, H., Tan, S., and Braunworth, Jr., W.S. 1988. The effect of a perennial ryegrass living mulch on marion berries, Final report, p. 16-22.
* Sheets, A. and Braunworth, Jr., W.S. 1988. Evaluation of weed control and phytotoxicity with repeated applications of diclobenil on blueberries, 1988, p. 37-40.
* Tan, S., Braunworth, Jr., W.S., and Crabtree, G. 1988. The effects of a living mulch on growth of wine grape 'pinot noir' and vineyard soil moisture conditions, p. 23-26.

Braunworth, W.S. Jr., Crabtree, G., Diener, P.R. (compiled by:) 1987. Horticultural Weed Control, 1986‑87 Report. Department of Horticulture, Oregon State University, Corvallis, 361pp., 47 reports.

Mahmoud, S. and Braunworth, Jr., W.S., 1983. Corn irrigation and production on mesqa 6, Beni Magdul canal, Mansuriya district, Egypt, 1982. Internal Memorandum, Draft Working Paper No. 116, Cairo, Egypt Water Use and Management Project.

Mahmoud, S., Khider, M., Fawzy, G., Braunworth, Jr., W.S. 1982. Maize Irrigation and variety performance on mesqa 6, Beni Magdul canal, Mansuriya district, Egypt, 1981. Internal Memorandum, Draft Working Paper No. 91, Cairo, Egypt Water Use and Management Project.

Mahmoud, S., Khider, M., Fawzy, G., Braunworth, Jr., W.S., Wolfe, J. 1982. Wheat irrigation and variety performance on mesqa 6, Beni Magdul canal Mansuriya district, Egypt, 1981‑1982. Internal Memorandum, Draft Working Paper No. 87, Cairo, Egypt Water Use and Management Project.

Khider, M., Mahmoud, S., Braunworth, Jr., W.S. 1982. Berseem irrigation and production on mesqa 6, Beni Magdul Canal, Mansuriya district, Egypt, 1981‑1982. Internal Memorandum, Draft Working Paper No. 117, Cairo, Egypt Water Use and Management Project.

Khider, M., Mahmoud, S., Fawzy, G., Abdel Al, F., Braunworth, Jr., W.S., Mahmoud, H. 1981. Maize production on mesqa 6, Beni Magdul canal, 1980. Internal Memorandum, Draft Working Paper No. 72, Cairo, Egypt Water Use and Management Project.

Tahoun, A., Abdel Al, F., Braunworth, Jr., W. S. 1982. Summary of the Farmers` Organization and On‑Farm Water Management Data for Mesqa 10, Beni Magdul Canal, Mansuriya District, Egypt. Internal Memorandum, Draft Working Paper No. 98, Cairo, Egypt Water Use and Management Project.

Kady, M., Abdel Al, F., Fahim, W., Braunworth, Jr., W.S. 1982. Sociological survey and engineering experiences on mesqa 6, Beni Magdul canal, Mansuriya, Egypt. Internal Memorandum, Draft Working Paper No. 99, Cairo, Egypt Water Use and Management Project.

**f. Presentations (invited or presented to peers):**

*Eleven since last promotion.*

Boggess, W. 2010. Land Grant Vision of Extension’s Future: Maximum Leverage in a Time of Scarce resources and Public value to Clientele and Society. Agricultural & Applied Economics Association panel discussion, September 2010, Portland OR. My role: provided key content for the presentation.

Braunworth, Jr., W.S. 2010. *What Sorts of Impacts Does OSU Look for and How Are They Used?* Measuring Impacts for Sustainable Agriculture Programs, October 2010, Corvallis OR.

Braunworth, Jr., W.S. 2009. *OSU Transitions* presentation to 50 stakeholders at the Hermiston Farm Fair December 2009, Hermiston OR.

Braunworth, Jr., W.S. 2009. *Agricultural Sciences and the Natural Resources Extension Program* presentation to 30 peers at the New Faculty Orientation, November 2009, Corvallis OR.

Braunworth, Jr., W.S. 2009. *Managing Extension Programs during a Period of Declining Resources* presentation to 50 peers at the National Extension Directors Meeting, NACAA Meeting, September 2009, Portland OR. Led discussion, recruited resource speakers, engaged audience participation.

Braunworth, Jr., W.S. 2009. *The Scholarship of Extension Administration* presentation to 50 peers at the Western Region Extension Directors meeting, July 2009, Blaine, WA.

Braunworth, Jr., W.S. and B. Johnson. 2006. *Promotion and tenure at OSU with a focus on faculty with significant Extension appointments* panel discussion to 30 peers. Bend, OR, June, 2006.

Braunworth, Jr., W.S. 2005. *Budget status for OSU Extension Agriculture* presentation to 60 clientele, Central Oregon Farm Fair, Madras, OR.

Braunworth, Jr., W.S. 2004. *Extension agriculture program update*. Presentation to Extension Director’s Cabinet, 9 peers.

Braunworth, Jr., W.S., Jacks, C., Males, J. 2004. *The intent and impact of unit-level programming.* Presentation to 60 clientele at the Oregon State University College of Agricultural Sciences Stakeholders’ Meeting, Linn County Fair and Exposition Center, Albany, OR.

Braunworth, W.S. and Hathaway, R. 2004. *An engaged university response to a natural resource crisis.* Poster presentation to peers at the 4th Association of Natural Resource Extension Professionals’ Conference, Oglebay Resort and Conference Center, Wheeling, West Virginia. Peer reviewed for acceptance.

McGrath, D. and Braunworth, Jr., W.S. 2003. *Grant Writing Workshop* presentation to 15 peers at the Oregon Agricultural Extension Association Annual Meeting for Professional Development, Madras, OR.

Braunworth, Jr., W.S. 2003. *Budget Status of OSU Extension Agriculture Program* presentation to 130 agency peers, NRCS and FSA at the Farm Service Agency annual meeting; Bend, Oregon.

Braunworth, Jr., W.S., Boggess, W., Hathaway, R., and Adams, R. 2003. *Lessons learned from the Klamath assessment project*  presentation to 50 peers at the 2003 Joint Western Regional Agricultural Experiment Station Directors’ meeting, Lincoln City, Oregon.

Braunworth, Jr., W.S. 2002. *Building an engagement model with experts and the public: the Klamath Basin story.* Presentation to 50 peers; peer reviewed for acceptance at the Outreach Scholarship 2002: Catalyst for Change Conference, Worthington, Ohio.

Braunworth, Jr., W.S. 2002. *What does an engaged university look like in the Klamath Basin?* Invited presentation to 70 peers at the Geological Society of America Cordilleran Section Meeting, GSA Abstract with Programs Vol. 34, No. 5.

Braunworth, Jr., W.S. et.al. 2001, 2002. *Program planning using the logic model,* *applications for promotion and tenure;* presented to 15 peers at the Extension Annual Conference, Oregon State University, Corvallis, Oregon. Invited; team taught.

Braunworth, Jr., W.S. 2001. *The Oregon Extension Agriculture Program* presentation to 12 clientele at a tour for the OSU Extension Director’s Advisory Board, Corvallis, OR.

**2. Grants, Contracts, and Agreements**

*Since last promotion:*

**Grants as PI or co-PI**

Braunworth, Jr., W.S., and Karow, R.. 1996 to 2005

Agreement between USDA NRCS OSU Extension Service; for staffing Gilliam County field faculty position; NRCS provides 0.5 FTE and support. $227,500

Braunworth, Jr., W.S. 2002

Oregon Confined Animal Feeding Operation/Animal Feeding Operation Extension Workshop Program FY2002-2004; Oregon Department of Agriculture. Negotiated agreement. This grant funded statewide eductionalal outreach for preserving water quality near confined animal feeding operations and animal feeding operations $20,000

Shenk, M.; and Braunworth, Jr., W.S. 2002

Serving America’s Farmworkers Everywhere (SAFE); Oregon. Pesticide Training for Hispanics; Oregon Department of Agriculture, EPA, Americorp. Negotiated agreement. $43,295

Braunworth, Jr., W.S. 2000

The Oregon Conservation Ethic Project. Produced “Landmarks in Conservation” DVD by Dodrill, S and Meierhenry, D. Funded by Natural Resource Conservation Service and OSU Foundation. $82,329

**Total as PI or co-PI $373,124**

**Grants as Facilitator**

Godwin, D., Reed, A.S.(PIs), and Braunworth, Jr., W.S.(facilitator) 2012

Oregon State University Intergovernmental Agreement, Marion Soil and Water Conservation District Funding Agreement. Funding agreement for provision Extension-related services. $75,894

Penhellegon, R. (PI) and Braunworth, Jr., W.S. (facilitator) 2011 eDEV Stability for Farmers; A Collaborative Approach to Financial and Horticultural Sustainability for Beginning Farmers and Ranchers; OSU Subcontract to Lane Community College (EDSX); NIFA grant program 10.311: Beginning Farmer and Rancher Development Program. $86,860

McReynolds, R.; DeFranscesco, J., and Braunworth, Jr., W.S. 2005

Center for expediting specialty crops registrations. Oregon Department of Agriculture. Competitive grant. Funding at this level or higher has continued to the present, with the exception of one year. $75,000

**Total as facilitator $237,754**

*Prior to promotion:*

Jordan highlands agricultural development project. 1986. USAID. Joint author of proposal with other representatives from Consortium for International Development. Assisted with drafting of the proposal. $7,000,000

Alternatives to dinoseb for horticultural crops, 1988. USDA, CSRS. Project leader: assisted with drafting of the proposal, performed the research. $150,000.

Alternatives to Dinoseb for Primocane Suppression in Caneberries 1988‑89, Agricultural Research Foundation. Principal investigator. $6,950

Thirty-six small ($500-$13,000) weed management specific research grants during 1986-88, totaling Principal investigator. Many grants were in cooperation with R. William and G. Crabtree. Principal investigator on most of these. $155,284.

**D. SERVICE**

1. Extension Director’s Cabinet Committees, 1995 to present, example activities:

* Revenue generation
* Revenue allocation
* Consulting policy
* Extension redesign team
* Strategic directions
* Group logic committee
* Committee for planning two Extension leadership meetings
* Extension response to drought

2. Faculty Senate Promotion and Tenure Committee 2006-2009, participating in revision of P&T guidelines.

3. College of Agricultural Sciences & Agricultural Sciences and Natural Resources Extension Program representative to:

* Farm Service Agency;
* Oregon Department of Agriculture Minor Crops Advisory Committee;
* OSU’s representative to the national Extension Disaster Education Network that meets annually. Co-hosted 2011 annual meeting in Oregon;
* Soil and Water Conservation District Commission;
* Conservation Reserve Enhancement Program Implementation Committee, a multi-agency effort; 2001-2003;
* Oregon Plan for Salmon and Watersheds;
* Natural Resource Conservation Service *Oregon Technical Advisory Committee* comprised of multiple state and federal agencies. The group meets quarterly to support Oregon agriculture through funded conservation measures;
* Easter Lily Foundation.

4. Member, Strategic Advisory Board to the Center for Latino/Latina Studies and Engagement (CL@SE) – College of Liberal Arts.

* Three-year commitment (Fall 2011 through Summer 2014) to serve on a working board for this University-wide center;
* Provide advice and recommendations for implementation of research, outreach, and engagement partners and collaborators from the campus and from the broader community for this center designed to meet the research and outreach needs relating to Oregon’s growing Latino population.

5. Taskforce on Expanding Outreach and Engagement Activities: OSU outreach and engagement activities may be limited because of policies and practices relating to contracts and formal agreements, intellectual property licensing and ownership, and finance and administration rates. Inconsistency, confusion, and lack of transparency impede these important tools that could support and advance outreach and engagement university-wide. This task force, whose efforts began in 2012, is studying and documenting the problem, and will make recommendations that serve both to support university infrastructure and policies and to reduce undue restraints on outreach and engagement throughout the institution.

6. Service to Profession

* Western Regional Program Leaders Committee, providing leadership among my peers in the areas of energy, water, urban Extension, Master Gardener multi-state evaluation.
	+ I served as group leader for two years, 2009-2010.
	+ To enhance the efficacy of program design with regard to impact reporting we designed and are implementing (September 2011- January 2013) an 18 month intensive training experience for selected extension faculty from each of the Western Region states Western Region Evaluation Capacity Training (WECT). A cohort of Extension educators will study advanced evaluation topics through webinars, self-study, face-to-face workshops, and individual mentoring. The Extension Directors decided to continue this program with an additional cohort beginning in September 2013.
* Major facilitation effort for the 2009 Oregon-hosted National Association of County Agricultural Agents Annual Meeting and Professional Improvement Conference. Provided leadership for the concurrent Agricultural and Natural Resources Program Leaders national meeting.
* Epsilon Sigma Phi, President, 2006;
* Epsilon Sigma Phi, President Elect, 2005;
* Oregon Agriculture Extension Association member;
* American Society of Agronomy;
* American Society for Horticultural Science;
* National Association of County Agricultural Agents
* Co-organized national Agricultural and Natural Resources Program Leaders meeting of Ag Program leaders. Orlando FL, 2009;
* Search committee, national executive director Epsilon Sigma Phi, 2008.

**E. AWARDS AND RECOGNITIONS**

* Vice Provost’s Award for Outstanding Achievement and Innovation, 2008.
* College of Agricultural Sciences, James and Mildred Oldfield / E.R. Jackman Team Award, Klamath Project Team, 2004
* Epsilon Sigma Phi, Administrative Leadership, 2003.
* Epsilon Sigma Phi, state level award for Visionary Leadership, 2006
* Epsilon Sigma Phi, national recognition for Visionary Leadership, 2007
* Awarded a memo of understanding scholarship from USAID and Colorado State University for Ph.D. program (1983-1986).
* Certificate of Appreciation, Soil Conservation Service for outstanding contribution to the Wind Erosion Control Program in Southeastern Colorado, 1978.
* Gamma Sigma Delta Honorary Society
* Alpha Zeta Honorary Society

*Landmarks in Conservation* DVD team members include: Dodrill, Steve; Braunworth, Bill; Weeks, Tom; Welch, Teresa; Dailey, Andrea; Ketchum, Lynn and received these awards:

* 2006 Association for Communications Excellence

International competition

Gold Award in Information Technology/Interactive Media (highest award)

 <http://aceweb.org/award/index.html>

* 2006 Association of Natural Resource Extension Professionals

National Competition

 Bronze Award in Video/DVD/CD (third highest award)

 <http://anrep.org>

* 2005 AEGIS Video & Film Production Awards

International Competition

Winner in Training & Education (highest award)

<http://www.aegisawards.com>

* 2005 Communicator Awards

International Competition

­Award of Distinction (second highest award) in

External Communications/Educational

<http://www.communicator-awards.com>

* 2005 Digital Video Awards

International Competition

Winner in DVD Production (highest award)

<http://www.dvawards.com>

* 2005 Horizon Interactive Awards

International Competition

Bronze Award in Education and Training (third highest award)

<http://www.horizoninteractiveawards.com>

* 2005 OMNI Intermedia Awards

International Competition

Bronze Award (third highest award)

<http://www.omniawards.com>

* 2005 Telly Awards

International Competition

Bronze Award in Multimedia (second highest award)

<http://www.telly.com>

**F. PROFESSIONAL DEVELOPMENT**

* *Creating Your Own Regional Extension System Short Course*, University of Minnesota, November 2010.
* *Engagement Academy for University Leaders,* Virginia Tech, June 2010. Participation by administrative nomination only.
* *North Central Workshop for Recently Appointed Administrators*, University of Nebraska–Lincoln; June, 1994.
* *Lead 21, Academics, Research, Extension; Leadership for the 21st Century*; Fanning Institute, University of Georgia, Athens GA; class of 2005-2006.
* Conversational Skills InterACTION training; attended two workshops, personal consultation, Mr. Axtell tutored the College of Agricultural Sciences Deans group and Extension Cabinet.

**William S. Braunworth, Jr. Summary of Professional Accomplishments**

**Appendix A**

**5. Other Assigned Duties:**

**Administration**

As the Agricultural Science and Natural Resources Extension Program Leader, I work with department heads, county staff chairs, area administrators, experiment station directors, other program leaders, College of Agricultural Sciences deans, and Extension Administration in leadership and management of programs, budget, personnel, and other Program management issues. The position includes membership on the Extension Dean and Director’s Cabinet and more recently the Extension Program Council, the Outreach and Engagement Council, the College of Agricultural Sciences Dean’s Group, and to serve as a representative of the College to other organizations.

**a. Innovations in Program Design:**

**i. Integration of Agricultural Extension into the College of Agricultural Sciences’ Structure with Increased Accountability:** With other administrators and faculty, I have led the integration of the Agricultural Sciences and Natural Resources Extension Program (ASNREP) into the College of Agricultural Sciences. This has required the melding of several communities, each with their own cultures and policies:

* Extension, with faculty members in 36 counties,
* College of Agricultural Sciences,
* Eleven of the departments and the Integrated Plant Protection Center in College of Agricultural Sciences,
* Eleven branch experiment stations,
* College of Liberal Arts and College of Veterinary Medicine, which host or have hosted Extension Agriculture faculty members.

**Impacts:** As a result of my efforts with others, Extension faculty are fully participatory members of academic units participating in program planning, developing priority staffing proposals on and off campus, have the department as their promotion and tenure unit, and engage with their peers in other departmental and College activities. I facilitated joint appointments that combine two or three Extension program areas and the three university missions. These missions are well integrated into the overall structure of the College. Through my leadership, documentation of impacts of the Extension program now is included in the College accountability database, Oregon Invests! As the Extension Services utilizes outcome based budgeting, I am leading the refinement to a plan of work that I wrote and that is approved annually for funding by the Extension Director. (See Publications and Presentations, “Printed Reports”, entry #2)

**ii. Working Groups:** Educational programming needs assessments reveal that no single faculty member or department is able to provide the appropriate mix of applied research and education. Rather, effective Extension programming requires the integration of many individuals and disciplines. In response to these complex needs, I facilitated the formation of working groups centered on the needs of a community of interest beyond county boundaries. These groups draw from the strengths of OSU faculty. They are structured according to member needs and objectives. This team approach utilizes the strengths of departments and effectively works across departmental/college lines. Work group members advise on staffing needs through their departments. The positive teamwork environment has supported a culture acceptant of work groups and other multidisciplinary and integrated approaches in Extension programming. Examples are listed here and in section iii below.

**Impacts:** The College, with my leadership, continues to allocate funds to work groups that promote teamwork and scholarship resulting in positive community impacts. Examples of supplemental funding include:

* dairy and horticulture organic farming educational programs and peer reviewed publications;
* educational programs for confined animal feeding operations resulted in the investment of one million dollars for water quality improvements;
* web site and publications addressing well water and water quality;
* Hydroville curriculum for K-12 science education (includes grant support);
* peer reviewed fertilizer guides;
* small farms and other program evaluations resulting in publications;
* value of Oregon Horticulture products, publication;
* peer reviewed Master Gardener training curriculum offered online;
* web development for community horticulture, small farms, and others;
* equipment purchases have facilitated laboratory and applied research, and development of effective recommendations and publications;
* biology of potato tuber moth, control methods and associated publications;
* publication of abstracts describing progress and results of Integrated Pest Management programs in Oregon;
* agriculture production data for the state on Oregon Agriculture Information Network;
* peer reviewed alternative crop fact sheets;
* multi-state research review sessions;
* cooperative peer reviewed Extension publication writing (dryland crops; livestock nutrition; weed, insect, and disease control handbooks).

Working groups have facilitated resource sharing and development of larger-scale collaborations among faculty members. I have facilitated adoption of the accountability database, which now includes some 105 Extension reports in Oregon Invests! that identify working group outcomes. Working groups are the basis for the Extension Agricultural Sciences and Natural Resources Plan of Work that provides the justification for our multi-million dollar budget.

**iii. Multidisciplinary and Integrated Approaches for Improved Community Impacts:** Out of the work group and teamwork culture of the Extension Agriculture program, innovative programs have arisen. These have been multidisciplinary in nature and include peer-reviewed products. Examples are described briefly below:

1. **Klamath Water Allocation:** To protect endangered fish species under the Endangered Species Act, in April of 2001 the Federal Bureau of Reclamation prohibited release of irrigation water from Klamath Lake to Klamath Reclamation Project farmers. That action resulted in a divisive crisis for farmers and local communities, including Native Americans. These groups quickly pointed out that the Federal Government had acted before an impact assessment had been completed. In response to this void, Ron Hathaway, then Klamath County Staff Chair and I organized and led a collaborative team whose purpose was to conduct a rapid assessment of the impacts of the Federal Government’s action. The strong local presence in the Klamath Team, including faculty from the Klamath County Extension Office and the Agricultural Experiment Station in the Upper Klamath Basin enabled on-campus OSU faculty, University of California personnel and area experiment station personnel to collaborate in a team effort necessary to write the reports. The project described the impact in 2001 from the irrigation water restriction, laid out the known and the uncertain, looked at management and policy alternatives, provided extensive references, and suggested future research topics.

This learning process created a non-advocacy account of the ecological, economic, social, institutional, and policy issues related to water allocation decisions of 2001. Based on initial community input, the team further provided information in a systematic multi-disciplinary format that would improve our ability to deal with future water crises in the region.

Assessment of water allocation issues in the Klamath Basin was the effort of 30 faculty members under my leadership as a content editor, review coordinator, and arbitrator. The author group, primarily faculty, included a few graduate students at OSU, and University of California (Berkley and Davis) in 2001 and 2002. The published reports collectively are entitled, “Water Allocation in the Klamath Reclamation Project 2001: An Assessment of Natural Resource, Economic, Social, and Institutional Issues with a Focus on the Upper Klamath Basin.” Briefs on selected topics follow the main report. Most of my efforts on project activities occurred from July 2001 through July 2004. The URL is: <http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/7132/SR%20no.%201037.pdf?sequence=1>

**Impacts and Evidence of Scholarship:**

* Federal Bureau of Reclamation adopted water transfer mechanism that moves water from low to highly productive land and includes land in and outside the irrigation project. Economic analysis indicates that this could **reduce the economic impact** of future severe water shortages by 80%. The analysis was later refined and published in the Journal of Agricultural Resource Sciences by William Jaeger, Professor, Department of Agriculture and Resource Economics, OSU.
* The report’s web site continues to register hits. In the first 14 months there were and about **3300 full report downloads**. Additionally, over **10,000 down loads of selected chapters** were recorded (as of May 5, 2004). As of late October, 2005 there were 20,872 total hits on the home page.
* The report garnered **wide publicity** including feature articles in Portland, Seattle, Denver, Salt Lake City, and San Francisco newspapers.
* Two OSU **courses** and courses at other universities (Yale, Univ. of Alabama in Huntsville) have used the assessment for instruction. The ANTH 481/581 evaluation shows that 86% of the students use what they learned when they see news stories related to natural resource conflicts. See graduate teaching section above.
* **Cross-discipline review** by faculty provided valuable experience in developing a multidisciplinary analysis and appreciation for each other’s contributions. This further paves the way for more interdisciplinary field research at OSU.
* Agency scientists and the tribes provided substantial content review.
* Three universities gained valuable experience in engagement with the public on complex and contentious issues.
* Faculty members including me have been invited by peers to make professional presentations and to contribute to further publications. For example, I led a panel discussion for western state university deans and directors.
* The team of 31 members received the James and Mildred Oldfield/E.R. Jackman Team Award for the Klamath Project Team, 2004. The nominations included input from two OSU department heads, a dean, and a center director.
* A graduate student in the Department of Agricultural and Resource Economics continued the economic analysis work begun with this project. His committee includes professionals from federal agencies directly involved in Klamath water issues.
* The Klamath Stakeholders meeting series arose from the assessment and is furthered relationships among community members contributing to integrated, basin-wide planning.

(See Publications and Presentations, “Presentations”, entry #s 9, 12, 13, 14; Extension Publications: entry #2; Peer-Reviewed Publications in Non-Refereed Journals, entry #1)

**b) Landmarks in Conservation:** This innovative interactive DVD and its companion web site provide opportunities to learn from Oregon land owners/managers, apply the latest research, and create sustainable natural resource management plans to address the unique characteristics of any property. I initiated the project and served as the principal investigator for a $60,000 peer reviewed grant funded by the Natural Resource Conservation Service (NRCS). An addition $20,000 was provided through a special gift from the Ross family to the OSU Foundation. The lead author is Steve Dodrill, Extension and Experiment Station Communications.

**Impacts and Evidence of Scholarship:** This 2005 product provides a way to integrate landowner conservation success stories with supporting web based documentation that will assist land managers in developing plans for their own land. The project crosses many land uses including farming, ranching, and forestry. Evidence of scholarship: the funding grant was peer reviewed by an interagency committee appointed by the NRCS. (See Publications and Presentations, “Extension Publications”, entry #1.) Peer validation is evident from the four national and international awards the DVD has won numerous awards, described in detail in the “Awards” section.

**c) Specialty Crops Pesticide Registration:** Specialty crops are critical to Oregon’s agricultural economy. The IR-4 Program for national specialty crops pesticide registration works closely with universities and industry in registration development. At two critical junctures, 1995 and 2005, I worked with the superintendent of the North Willamette Research and Extension Center and horticulture faculty members in securing funding from the Oregon Department of Agriculture, Minor Crops Advisory Committee, for this effort at North Willamette Research and Extension Center. Oregon Department of Agriculture funding compliments other commodity based funds supporting the center. The 2005 award reestablished Oregon Department of Agriculture funding after a budget cut had suspended it for one year.

**Impact:** Earlier Oregon Department of Agriculture funding contributed to North Willamette Research and Extension Center’s function as a national IR-4 center and revived funding sustains this important national contribution. North Willamette Research and Extension Center faculty’s high quality work done in this arena is nationally recognized. Expediting the registration of safer pest management tools for specialty crops has provided improved pest control with safer products (eg, replaced organophosphates and carbamates with softer controls) and provides benefits to Oregon agriculture in the range of $10 million per year. These impacts are estimated from Oregon Invests! entries.

**d) Pesticide Safety for Latinos:** OSU, the Environmental Protection Agency, Oregon Department of Agriculture, and Americorp cooperated to deliver pesticide safety education, in response to the federal Worker Protection Standard. The program was offered in Washington and Linn Counties. My role was co-principal investigator with Myron Shenk. I co-authored the proposal, facilitated the use of $43,295 in grant funds from Oregon Department of Agriculture, and coordinated the effort with the OSU Integrated Plant Protection Center and the pilot counties involved. Potential audience is over 100,000 people in the summer, a high percentage of them Spanish speakers. Over 14,000 farm workers were trained during the 1990s.

**Impact:** Pesticide safety training, a requirement for farm workers, was provided in Spanish. This was an important service to the Latino workers, and improved their safe use of pesticides and understanding of farm safety in general. It was an important service to farmers lacking sufficient language skills to provide this safety training to their work crews.

**e) The Oregon Plan for Salmon and Watersheds:** For several years I represented OSU on an interagency panel working to implement the Oregon Plan for Salmon and Watersheds. The process provided opportunities for OSU faculty to contribute to the implementation process. Outputs included recommendations for the implementation of water quality monitoring protocols and best practices disseminated through public education and communication venues. I coordinated review of the program by selected state agencies. This contributed to the improvement of a nationally recognized educational program, and more importantly it increased awareness of state agencies, including the Oregon Watershed Enhancement Board (Oregon Watershed Enhancement Board), of the excellent Extension programs available from OSU. Through my facilitation, results of OSU watershed programs were included in state-wide progress reports of this interagency effort. I further encouraged participation of OSU field faculty in interagency regional committees that review and recommend funding of proposals to Oregon Watershed Enhancement Board.

**Impact:** OSU receives significant funding from Oregon Watershed Enhancement Board for Extension watershed education efforts. Recognition and integration of OSU Extension into watershed councils and soil and water conservation districts has assisted in the implementation of watershed improvement programs across the state. Oregon Watershed Enhancement Board has funded the OSU Watershed Stewardship Education Program and the Klamath County watershed education program at about $580,000 from 2001 through 2005. Additional funds have continued since that time.

**f) Rural Studies Program:** The cross-college Rural Studies Program engages rural communities in discovering their strengths and opportunities to develop place-specific strategies for supporting long-term development. The program is a part of the Provost Initiative: Sustainable Rural Communities. This type of work was an important part of what OSU did during the Klamath water allocation assessment. Analysis of economic impacts in Klamath became the basis for a pilot program that I encouraged in the Agricultural and Resource Economics Department, and provides economic impact assessments in additional rural communities.

**Impacts:** Pilot program were the basis for inclusion of this effort in the successful Sustainable Rural Communities proposal for Provost Initiative funds. I facilitated creation of two new Community Economist positions within the Agriculture and Resource Economics Department. Because the provost funding is not long term, the positions are funded by recurring state funds through the Extension Agriculture Program and by fee for service. This is a new approach to meeting staffing requirements in a climate of limited state resources.

**g) Small Farms Program:** The demographics of Oregon farms indicate that close to 90 percent of farms are individually owned and 62 percent are less than 49 acres in size; these farms are increasing in number. Many of these farms are near urban growth boundaries. Budget reductions have severely limited staffing, but careful planning and reallocation have enabled OSU Extension to address information needs and deliver effective educational programming through faculty appointments and the use of electronic media.

**Impact and Evidence of Scholarship:** With my support, small farm priority staffing proposals in the College led to the funding of small farm positions in the metro area, Lincoln County, the southern Willamette Valley, southern Oregon, and central Oregon. A state-wide leader coordinates the effort. A national award-winning web site for which I have allocated funds delivers educational content and compliments individual consultations and workshops. The staffing and program design plan for this program has been reviewed and is recommended by the national small farms program leader as a model for other states. The project manager of the Missouri Alternatives Center, University of Missouri also reviewed the plan. She indicated:

“. . . [I] do not know of any other state that uses small farms as the specific assignment for any county position”

“ . . . [I am] intrigued with the idea of working as a team with state small farms specialists and the county small farm positions along with a small farm advisory council.”

“ . . . I believe that OSU can take the lead in the country in the small farms area.”

**h) Other innovative programs**

* **Ethnographic Futures Research**, a joint effort of WSU and OSU to improve technological delivery of Extension programming. This effort was the foundation of OSU Extension’s increased use of technology in program delivery. Effort initiated summer, 2007.
* **Liaison to Oregon Department of Agriculture.** Represent OSU Extension on a number of issues of mutual concern with Oregon Department of Agriculture. Maintain communications and a collaborative spirit between the University and OSUES with this important collaborative partner. Areas of special emphasis have been pesticide label enforcement and pesticide applicators’ recertification credits. Although solutions are in place, difficulties arise periodically, making this an ongoing effort.
* **Ecological Gardening Series.** Developed a MOU between OSU Extended Campus and Extension to deliver the Ecological Gardening Series online. Curriculum developed by Linda McMahan (Yamhill County) and Amy Jo Detweiler (Deschutes County).
* **Food Security and Community Development for the Metro Counties.** Ongoing work with Anita Azarenko, Weston Miller, Gail Langellotto, Beth Emshoff, and others on the proposal to develop a broad based approach for community development for the Portland Metro area. We seek a cohesive model for solutions to: food access, hunger, human well-being, open space/farmland preservation, economic development and other food system related issues. Effort includes an organic gardening curriculum for urban areas, a Farm to School program, and an IPM program for schools and other sensitive sites. Through Portland State University and Metro, funding has been secured for teaching support that will compliment the Metro Extension community horticulture assignment.
* **Web-based Outreach: Lifelong Learning Opportunities.**
	+ Contributed to investment strategies for OSU Extended Campus rebate funds and other College of Agricultural Sciences Extension funds for expanded web-based Extension and research services, including Pachyderm software adoption and training. Fee generation through OSU Extended Campus and the community horticulture program by adaptation of components of the Master Gardener program for non-credit distribution online. Other topics are planned for online development, such as pesticide safety. Additional lifelong learning offerings included the sudden oak death course for nursery crop workers with optional certification.
	+ Ask an Expert for Oregon: Participated in the committee designing the public deployment of this new interface.

**b. Innovations in Budget Allocation and Planning:**

**i. Budget Allocation:** Over the years I have adopted as much of the Agricultural Experiment Station budget allocation and management practices as permitted by current Extension policies. My efforts with others have resulted in an entirely new fiscal management process for the Extension Agriculture Program. The effort has required careful integration of policies and cultures within the College and Extension administration.

**Impact:** The design and implementation of this fiscal management system has always been done to best serve College of Agricultural Sciences units. The system promotes increased mission integration and improves unit level productivity. Key elements include allocation of blocks of funds for approved faculty salary, OPE, and supply and service to units. The return of salary savings through grants provides added incentives for faculty to obtain outside funding.

**ii. Budget Planning:** The Extension Service experienced substantial budget reductions in 1993, 2003, 2009, and 2010-2012. Management of these reductions was intended to preserve as much program as possible, and avoid elimination of tenure track and fixed term faculty. Implementation of these reductions required careful management of recurring and non-recurring funds, and thoughtful estimates of future revenues to avoid excessive cut which would result in restorations during the next budget cycle. Accommodation of University, College, and Extension College policies was a complex interaction. The 2003 reduction level assigned to the Extension Agriculture Program was based on FTE, rather than dollars, and ultimately was found to be greater than the level required. Upper administration revised the cuts and tenured faculty lines were preserved.

**Impact:** Although the budget cut in 1993 was difficult, I was able to meet targeted dollar reductions set by the Extension Director without elimination of tenured or tenure track faculty members. In 2003, my forecast indicated the reduction target proposed by the Director was likely too much. During the process I used non-recurring bridge funds to avoid reductions of tenure and tenure track faculty until the fiscal situation was clearly made known. At that point we were able to restore allocations to program areas and restore all proposed cuts of tenure and tenure track positions. During the process I met frequently with College of Agricultural Sciences deans and a steering committee with College of Agricultural Sciences department heads, staff chairs and faculty. The steering committee facilitated communications, collaborated on decisions, and insured transparency with involved administrators informed. Similar communications in subsequent budget cuts are helping to mitigate similar disruptions (2009, 2010-2012).

**iii. Supporting county and experiment station administrators.** Contributed to development of programmatic support for newly appointed county and experiment station administrators. Provided salary savings to enable station superintendents to continue their research and Extension programs in central Oregon, Hermiston, southern Oregon, Coos County, Hood River, and Morrow County.

**Impact:** This management tool has maintained or contributed to the growth of Extension programs despite assumption of administrative duties by faculty.

**iv. New Position Development.** These include the following: Small acreage/administration in central OR, Christmas tree specialist, and Master Naturalist programs, two community economist positions for the Rural Studies program. Community horticulture position expanded Extension presence in the Portland Metro area. The faculty member filling that role has developed new partnerships with Portland State University and the Metro Council of Governments for partial funding of the position. Oregon Tilth is also contributing to Extension programs in the Metro area.

**Impact:** Impacts from these new positions include broader outreach to audiences in commercial, lifestyle and organic small farms, communities served by the community horticulture program, specialty crop interests, and rural community leaders.

**v. Area Administration Implementation Team:** A group of nine faculty and administrators participated in development of a new model of administration for Extension field units. Working under constraints that limited innovation, creativity, and the ability to adjust to local situations, they developed a set of three scenarios that met administrative requirements. My role in this was as a committee member who had knowledge of the entire state that assisted in designing areas that promoted joint facilities and leadership between the Experiment Station and the Extension Service. I also did the budget and FTE analysis of various plans.

**Impact:** The ultimate impacts of these efforts have yet to be determined. We anticipate the 12 administrative areas will facilitate a more simplified approach to off campus based program management. In addition, modest fiscal savings are expected.

**vi. Insect Identification Services.** The insect identification position in OSUES was vacated; we were unable to refill it due to budget reductions. As a result a $30,000 service contract was issued to Oregon Department of Agriculture. In 2012, a faculty research assistant in the Department of Fisheries and Wildlife will now provide this service at about one-half the cost.

**Impact:** This action has resulted in savings, while providing a necessary service to Oregon citizens and securing full-time employment to a non-tenure track faculty member.

**vii. Malheur County Field Crops Faculty Appointments:** Budget reductions limited state funds to the filing of one of two field faculty positions in Malheur County. This limitation led to the successful creation of an Extension tax service district, permitting the filling of the second crop science position.

**Impact:** The position will be filled by the end of calendar year 2012. In addition, funds have been secured for a 4-H program assistant and Extension-related operations for the Experiment Station.

**viii. Marion County SWCD Collaboration.** Budget reductions eliminated a field faculty position in Marion and Clackamas Counties in 2012. Through negotiation with the Marion County SWCD and the Clackamas County Extension Service District, we are able to maintain a previously state-funded field faculty position.

**Impact:** Program delivery is maintained at current levels, staffing levels are maintained, and one full-time job has been continued.

**c. Innovations in Staffing and Faculty Rewards:**

**i. Innovative Staffing Partnerships:** Limited funding requires creation of new partnerships to finance positions.

* **Impact:** Four positions totaling 1.95 FTE were established in Yamhill, Polk and Marion, Benton and Linn, Coos and Curry counties that are jointly funded by state/federal dollars with county funds as opposed to 100 percent state/federal funds. The Natural Resources Conservation Service and OSU jointly funded a fifth field faculty position in Gilliam County. Joint appointments between Extension and the Agricultural Experiment Station were created to address program need while matching the abilities and interests of faculty members. At least one faculty member at each of ten of the eleven experiment stations holds a joint appointment. Joint appointments with the Extension Forestry and Extension Sea Grant programs for watershed education have been created in Coos, Curry, Tillamook, and Lincoln Counties, and statewide through the Marion County office. As program delivery needs expand and state budgets shrink, regional specialist positions have been developed in western Oregon for livestock, and in eastern and western Oregon for entomology. In response to significant budget reductions at the state level (2009, 2010-2012), the staffing plan identifies high priority Extension program areas, and allocates appropriate regional and local staffing. Development of these regional appointments is in consultation with department heads, experiment station superintendents, staff chairs, area administrators other program leaders, and communities of interest. Since the mid-1990’s, I have developed numerous policy option packages for the Extension Agriculture program on a biennial basis.

**ii. Priority Staffing and Strategic Staffing Plan:** As numerous positions have been vacated and in some cases refilled in a new configuration, I have provided leadership in determining which positions should be given highest priority. Prioritization has required consultation with clients, staff chairs, working groups, department heads, the Extension director, and College of Agricultural Sciences deans. Movement to block funding of the major Extension programs puts more responsibility on the College for program delivery and accountability with greater flexibility including integration with the Experiment Station and Teaching. A proposal for additional non-tenure track, rolling contract appointments resulted in expanded use of the non-tenure track instructor rank positions.

In the budget reduction environment of 2010-2012 we have implemented a collaborative process with other Extension and CAS unit leaders for the development of a program wide staffing plan. This considers budget realities and effective integration of teaching, research, and the Extension missions. The goal is to deploy staffing resources in a sensible manner while maximizing program benefits to citizens.

**Impact:** I contributed to development of the block funding budget process that gives the Agriculture program greater responsibility for program delivery and accountability, but also provides us with greater flexibility permitting better integration of the three university mission areas. The College now is more innovative in development of new positions, in funding them, and in attracting top candidates. Our responsiveness to client needs, especially in emerging content areas, is improving under this resource allocation model. A number of highly qualified faculty members from minority populations have been hired.

The staffing plan has been guiding resource and staffing decisions supporting the highest priority areas for the program in a very difficult environment. The staffing plan provides guidance to decisions rather than program configuration being a victim of random attrition. It has provided a clear sense of direction for those involved with the Extension Program.

**iii. Promotion and Tenure:** For field faculty, the promotion and tenure process was moved from a multi-program group of Extension peers at a central level to a process governed by their academic departments. The re-definition of scholarship rendered unnecessary special promotion and tenure guidelines for Extension. As my professional experience included appointments as field faculty and as a specialist, I have been able to effectively advise faculty members, department review committees, and department heads on documentation of performed duties and scholarship.

**Impact:** The promotion and tenure process has become less mysterious; field based Extension faculty members have a very high rate of success. Dossier preparation and presentation has shown a steady increase in quality, including significant improvements in validation of scholarship. (See Publications and Presentations, “Presentations”, entry #5)

**iv. Salary Administration:** Unit leaders are informed of control totals for salaries for their units. My role includes review and approval of unit leader recommendations, and assist unit leaders in evaluating special cases including equity issues.

**Impact:** Equity problems affecting women, minorities, and others have been corrected. Further, salary adjustments for merit have been implemented.

**v. Alternative Leadership Models for NWREC:** The goal of this activity in 2010 was to develop innovative leadership, and programmatic and administrative models to provide greater integration of county, campus, NWREC, metro and FIC programs. My role was as a committee member.

**Impact:** New leadership has been successful deployed at the center.

**d. Innovative Partnerships:** The University, the College, and OSUES have benefitted from collaborations in policy, program design and implementation, and from resource reallocation with:

* Oregon Food Bank. Since 2007, this joint effort among OSU Extension Agriculture, Family and Community Development, and the Oregon Food Bank has provided a searchable database for emergency food resources throughout the state. The goals of the partnership are to:
	+ increase Oregonians' food security and access to sustainable food resources,
	+ build connections between Oregonians, their food system and education and advocacy resources, and
	+ establish support for and connections between organizations engaged in building a healthy, accessible food system for Oregon. <http://foodfororegon.oregonstate.edu>.
* Since 2007, I have collaborated with peers in the Family Community Development Extension Program to integrate community horticulture into the *Extension Nutrition Education Program* that is supported by major grants. This effort contributed to the expansion of the Extension Nutrition Education Program within the three Oregon counties where the program has been implemented. Further Food Stamp Nutrition Education, offered in 32 Oregon counties, benefitted from the integration of several community horticulture faculty members into the funding grant. The Governor’s office contributed additional support for the gardening component, and the Master Gardener program has been integrated into this effort.
* OSU is represented, and faculty expertise is engaged for educational and economic impact in the *Farm to School Coalition*, since 2009.
* *Growing Opportunities Summit* Feb 2008. Landmark summit on the issue of farm transition in Oregon, with the goal of developing a cohesive strategy for farm viability. Multi-agency effort by Oregon Department of Agriculture, OSU, Portland State University, USDA FSA and other key participants.
* Represent OSU in a multi-agency effort, which includes Portland USDA, King County WA, the Metro, City of Portland, water resource utilities, OAN, and major nursery producers and retailers to develop a plant selection database supporting sustainable, low input landscape choices for homeowners.
* Other current or recent partnerships:
	+ Oregon Tilth,
	+ Goodwill, Oregon Department of Human Services Office of Vocational Rehabilitation Services, Access Technologies, Pacific University,
	+ Portland State University,
	+ Umpqua Community College,
	+ Oregon Aquaculture Association *Pond Schools* 2006-2008.
* AgrAbility: Cultivating Accessible Agriculture for Oregon’s Injured and Less-Abled Farmers and Ranchers

AgrAbility is a USDA sponsored program that permits farmers and ranchers who have experienced injury or illness to continue their lifestyles of agriculture production. There currently is no established system through which Oregon's agricultural workers receive support following injury or illness.

Since 2008, I have joined with representatives from Pacific University, Goodwill Industries International, Inc., Access Technologies, Inc., and Oregon State Office of Vocational Rehabilitation Services in regular meetings to discuss the viability of an AgrAbility Program in Oregon. The group has initiated networking, incorporated graduate student projects, and hosted a workshop. The target audience was allied health and social welfare professionals like physical therapists, occupational therapists, vocational rehabilitation counselors and social workers. Pacific University has submitted a state program proposal to USDA AgrAbility.

Impacts: The AgrAbility workshop was attended by 24 participants from 7 different states. They learned how to develop a work plan for an injured farmer. Students and allied health professionals developed new professional contacts and skills. A multi-institutional grant was submitted to the USDA for an Oregon AgrAbility Program shortly after the workshop.

* A Funding Partnership for Lane County Agricultural Sciences and Natural Resources Extension Program (ASNREP). When the voters declined funding for Lane County Extension in 2010, a new funding partnership was created with Lane Community College. This enabled the continuation of the Commercial Agriculture and Community Horticulture programs. With Ross Penhallegon, I negotiated a grant with the USDA, to be administered by Lane Community College, which provides programming continuity for stakeholders of the ASNREP. Two years of program support for these programs is now in place while the other major Extension programs have been terminated. Program fees, private donations, and contributions from the County Master Gardener Association augment the grant.

**e. Other Assigned Duties**

* Work with all the staff chairs, Regional Directors, and as of 2012, Area Administrators, on PROF review for all Extension field faculty in all program areas. Annual activity, all county faculty are reviewed every year.
* College of Agricultural Sciences promotion and tenure committee, annually.
* Faculty across departmental lines are supported in identifying and acquiring extramural funding to enhance program delivery. These efforts commonly are combined with innovated partnerships as funding sources are identified.
* Funding program for the analysis of biotechnology issues.
* Develop policy option packages for the Agricultural Sciences and Natural Resources Extension Program.
* OSU eXtension Team: Work to promote adoption of new technologies in information dissemination for Extension faculty and to ensure that these products contribute to promotion and tenure. Includes development of “ask an expert” technologies in Oregon.
* Ongoing contributions to promotion and tenure standards and dossier evaluations.
* In collaboration with Extension Administration and many unit heads and faculty members, I promoted the adoption of new faculty accountability protocols: Stories, Outcomes, Accomplishments, and Reporting System. Designated a faculty research assistant to support campus and field faculty with training, data acquisition, and input. The “customer service” ethic resulted in very broad adoption of the protocol (>98%) by Extension Agriculture faculty during the initial phase. Input quality continues to improve as faculty adjust to administrative expectations and work under the guidance of the support person. As further evidence of peer recognition of the utility of this approach to accountability reporting, the support person, Linda Brewer, was invited to co-present with the NIFA-SCRI program director at a workshop for SCRI grant recipients. The presentation topic, effective use of the SCRI logic-model approach for successful grant proposals and overall improvement of the quality of impact statements submitted to the CRIS reporting database, has since been adapted for an OSU Extension faculty audience across programs, and will be archived online for ongoing reference and additional training. In January and February 2012 we reached out to faculty throughout the state for additional impact statements, resulting in completion and submission of 32 impact statements by faculty, with facilitation support. The improvement of content quality and capturing of additional reporting opportunities is an on-going emphasis.
* College of Agricultural Sciences administrators’, superintendents’ and Extension Service meetings with committee work as assigned. Examples:
	+ Foundations for the Future: Conversations about Oregon Agriculture, 2001;
	+ Faculty appointments at OSU and work groups;
	+ Manning Becker Award distributions committee, Oregon Agriculture Extension Association;
	+ Publication management for OSU Extension and Experiment Station Communications;
	+ Contributed to development of retirement incentives proposal, 2009-2010;
	+ Participated in a task force to develop recommendations for strategic planning to enhance international programs within the three missions for Oregon State, 2010;
	+ Assisted in coordinated college response to the University’s application to the Carnegie Classification for Community Engagement.

Revised: July 2012; file: 2012JulyBraunworthCV-hort.docx

1. Presentation generally follows Oregon State Univ. guidelines for promotion and tenure vita and documentation used for my Periodic Review of Faculty performance evaluation. [↑](#footnote-ref-1)
2. Since administrative assignment in 1992 unless noted otherwise. [↑](#footnote-ref-2)
3. Peer reviewed unless otherwise indicated [↑](#footnote-ref-3)