

**MINUTES OF THE MEETING OF  
THE WESTERN ASSOCIATION OF  
AGRICULTURAL EXPERIMENT STATION DIRECTORS**

**ALASKA  
AMERICAN SAMOA  
ARIZONA  
CALIFORNIA  
COLORADO  
GUAM  
HAWAII  
IDAHO  
MICRONESIA  
MONTANA  
NEVADA  
NEW MEXICO  
NORTHERN MARIANA ISLANDS  
OREGON  
UTAH  
WASHINGTON  
WYOMING**



**Image Not  
Available**

**Jackson Lake Lodge  
Moran, WY  
July 6-8, 1993**

## SUMMARY OF ACTIONS

1.0	Approved the agenda . . . . .	1
2.0	Closed the nominations for officers . . . . .	2
3.0	Nominations for At-Large Members cease and that the secretary cast for a unanimous ballot . . . . .	2
4.0	Accepted the minutes of the March 9-10, 1993 meeting as circulated . . . . .	2
5.0	Accepted the Treasurer's Report as presented . . . . .	2
6.0	Heard the RIC Report and approved recommendations for:	
	a. extend/conditionally extend projects	
	W-102 Integrated Methods of Parasite Control for Improved Livestock Production . . . . .	49
	W-180 Identification, Behavioral Ecology, Genetics and Management of African Honey Bees . . . . .	50
	b. revise projects	
	W-166 Evaluation and Improvement of Barley for Food and Feed . . . . .	50
	W-168 Seed Biology and Technology Investigations . . . . .	50
	NRSP-4/IR-4 A National Program to Clear Pest Control Agents for Minor Uses . . . . .	50
	c. new projects	
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	W- Interactions Among Bark Beetles, Pathogens, and Conifers in North American Forests . . . . .	51
	NRSP- National Animal Genome Research Program . . . . .	51
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	WRCC-23 Textiles and Apparel Research Coordination . . . . .	52
	WRCC-24 Grape Pests and Diseases . . . . .	52
	WRCC-46 Etiology, Diagnosis, Control and Treatment of Epididymitis and Foot Rot of Sheep . . . . .	52
	WRCC-51 Application Technology Related to Plant Protection and Pest Management . . . . .	52
	WRCC-58 Production, Transition Handling, and Reestablishment of Perennial Nursery Stock . . . . .	52
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	WRCC-76 Immigration and U.S. Agriculture . . . . .	53
	WRCC-77 Biology and Control of Winter Annual Grass Weeds in Winter Wheat . . . . .	53
	e. new WRCCs	
	WRCC-94 Research and Administrative Coordination in Animal Sciences . . . . .	53
	WRCC-95 Vertebrate Pests of Agriculture, Forestry, and Public Lands . . . . .	53
	WRCC-96 School-Aged Youth at Risk in Single-Parent Households . . . . .	54
	WRCC-97 Cereal Diseases . . . . .	54
	f. assigned new Administrative Advisors for:	
	W-185 Biological Control and Pest Management Systems of Plants - B. J. Jacobsen (MT) . . . . .	54
	WRCC-60 Pesticide Resistance - T. Holtzer & C. W. Laughlin (CO) . . . . .	54
	WRCC-87 Sweetpotato Whitefly - H. Vaux (CA-S) . . . . .	54

	WRCC-94 Research and Administrative Coordination in Animal Sciences - J. W. Carlson (WA) .....	54
	WRCC- Interactions Among Bark Beetles, Pathogens, and Conifers in North American Forests - D. Burns (FS-CO) & C. W. Laughlin (CO) .....	55
	WRCC-95 Vertebrate Pests of Agriculture, Forestry, and Public Lands - G. Vest & H. P. Rasmussen (UT) .....	55
	WRCC-97 Cereal Diseases - D. Mathre & B. J. Jacobsen (MT) .....	55
7.0	Approved five resolutions .....	10
8.0	Elected the nominated slate of candidates for WDA offices .....	13
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# Western Association of Agricultural Experiment Station Directors

Jackson Lake Lodge, Jackson, WY

July 6-8, 1993

## MINUTES

### ATTENDANCE:

#### ALASKA

James V. Drew

G. Allen Mitchell

#### AMERICAN SAMOA

Leo Leitwala

#### ARIZONA

C. Colin Kaltenbach

#### CALIFORNIA

Lanny J. Lund

Dennis E. Teeguarden

Henry J. Vaux

#### COLORADO

Charles W. Laughlin

Helen F. McHugh

#### GUAM

R. Muniappan

#### HAWAII

Ned Kefford

#### IDAHO

Richard Heimsch

Gary A. Lee

#### MONTANA

Barry J. Jacobsen

#### NEVADA

Ronald S. Pardini

#### NEW MEXICO

Gary Cunningham

Dinus M. Briggs

#### OREGON

Thayne R. Dutson

Sandra Helmick

V. Van Volk

H. Paul Rasmussen

Robert D. Sidwell

H. Grant Vest

#### WASHINGTON

James W. Carlson

James J. Zuiches

#### WYOMING

Al Gale

James Jacobs

W. Ralph Nave

Robert Reginato

William D. Carlson

#### CSRS

FOREST SERVICE

EXECUTIVE DIR.

OFFICE-EXEC. DIR.

Denver Burns

Robert D. Heil

Harriet Sykes

### 1.0 Call to Order

The meeting was called to order by Chair J. J. Zuiches

The attendees introduced themselves.

The motion was made and seconded to approve the agenda. MOTION CARRIED. The agenda is attached as Appendix I, pp. 15-16.

### 2.0 Interim Actions by the Chair

Zuiches reported that J. Fischer (ESCOP Chair) had requested letters from the chairs of the regional associations to Secretary Espy and Deputy Secretary Rominger urging an appointment of the Assistant Secretary for Science and Education. The letters also were to indicate our continued support for the USDA, our willingness to help in the reorganizational plans, and our commitment to working together with USDA in support of the mission. The requested letter was delivered to the Secretary's office on June 14, a few days before the Administrative Retreat.

A National Research Support Project on Animal Genome Research was submitted. In order for the proposal to list Administrative Advisors from each of the regions as part of the proposal, Neal Jorgensen (Lead Administrative Advisor) requested and was given authorization to contact Dr. Bernard Jones (NV) and ask him to serve as the Western Administrative Advisor to the NRSP.

### 3.0 Executive Committee Report

Zuiches reported that the Executive Committee had approved the new Memorandum of Understanding with Colorado State University that relates to the office rental, staff assignments, and accounting functions at Colorado State University.

The Executive Director's office budget for FY1993-94 was approved by the Executive Committee at \$212,892, from which \$45,000 will be deducted for the W-106 regional trust, for a total assessment of \$167,892. Details on the budget are available on request.

The Executive Committee presented as a seconded motion the proposed slate of officers for 1994: H. Paul Rasmussen, Chair; Gary Cunningham, Chair-Elect; Ron Pardini, Secretary. The motion was made and seconded to close nominations for officers. MOTION CARRIED.

Nominations for the At-Large Members for the Executive Committee are: Henry Vaux (CA-S) and Charles Laughlin (CO) were presented as a seconded motion. The motion was made and seconded that nominations for At-Large Members cease and that the secretary cast for a unanimous ballot. MOTION CARRIED.

Appointments to various committees are: L. J. Lund (CA-R) to the Research Implementation Committee (RIC); H. P. Rasmussen (UT) to the Committee of Nine; C. C. Kaltenbach (UT) to the Board of Directors of the Western Rural Development Center; H. P. Rasmussen (UT) to ESCOP.

A proposed list of discussion topics for the joint meetings with CARET, Extension, Academic Programs, International Programs, and CAHA was circulated.

### 4.0 Approval of Minutes of March 9-10, 1993 Meeting

The motion was made and seconded to accept the minutes of the March 9-10, 1993 meeting as circulated. MOTION CARRIED.

### 5.0 Treasurer's Report

Jacobsen presented information on the status of the Western Executive Director Account and the Western Directors' Special Account, attached as Appendix II, pp. 17-18. The motion was made and seconded to accept the Treasurer's Report as presented. MOTION CARRIED.

### 6.0 Liaison Group Reports

#### 6.1 Forest Service Report

Burns reported on several items of importance to the Forest Service: (1) President Clinton has announced his decision concerning the western old growth; the Northern Spotted Owl; and how he proposes to deal with that issue. (2) A Mexican Spotted Owl Recovery Team is working in New Mexico and Arizona trying to prevent the same problem as took place in the Northwest from happening there. (3) Secretary Espy is to submit a comprehensive plan to Vice-President Gore's Reinventing Government Team by late September. (4) The proposed merger between the Rocky Mountain Forest and Range Experiment Station and the Intermountain Forest and Range Experiment Station is still on hold. (5) All GS-13 and above personnel actions have been frozen in the Department and are beginning to have an impact on the Forest Service. One-eighth of the Senior Executive Service positions are vacant, 30 to 44 supervisor's positions are frozen, and research project leaders and administrator

positions are frozen. There is no indication of when the freeze will be lifted. (6) The Forest Service made a policy change last June that they would manage less in terms of outputs and more in terms of sustainable ecosystem management, recognizing that humans are a full part of that ecosystem. (7) In the natural resources arena, courts and lawyers are putting more attention on the scientific basis for management and decision making. The Northern Spotted Owl is a prime example of where science has been continually brought in to intervene in an otherwise ongoing process. (8) The Forest Service has put together a Mission, Vision, and Guiding Principle Statement. The reality of this is that, for years now, ethics, attitudes, and opinions have been changing about the management of natural resources for the population within the Forest Service and those outside that look at the Forest Service. The Forest Service has employees that were not aware that they were bound by law to manage in certain ways. The Statement has 13 guiding principles which are being used as a tool to reinvent the Forest Service team.

## 6.2 ARS Report (National & Regional)

Reginato reported that he had no additional information to share about the possible reorganization of the USDA.

ARS received the House markup to the budget. The Senate will begin working on it after the July 4 recess. For the West, there are new dollars for certain programs: composting, grape research, grass seed cropping systems, loco weed, methyl bromide alternatives, and sweet potato whitefly. It is not known what the Senate will do. It is encouraging, as ARS did not receive any additional dollars in FY93. There is also some money for facilities to continue remodeling of the Western Regional Research Center in Albany, CA and for planning and design of the Parlier, CA facility which will accommodate all of the Fresno and Shafter people. The new salinity lab being constructed on the University of California at Riverside campus is about three to four months ahead of schedule.

One of the things that ARS has struggled with this year is personnel ceilings. Both the ARS Administrator and the Secretary set a personnel freeze. The President plans to reduce the federal work force by 100,000-150,000 over the next three years. The bottom line is that ARS's employment will decline several hundred over the next several years.

For the Pacific West Area, each of the Research Leaders was asked to provide a three-year budget, which is helping to manage both financial and human resources. Each of the Research Units and laboratories is being asked to develop a long-range plan on where they see their unit or laboratory going. People in the field have a far better idea of what their needs are going to be than those at the area or national level. Multidisciplinary research teams will be formed at and between locations to take more of a systems approach to solving problems. Two units will be downsized this year and the scientists will be relocated to other ARS locations.

## 6.3 ERS Report

The Status Report on the Economic Research Service is attached as Appendix III, p. 19.

## 6.4 CSRS Report

Carlson distributed the Cooperative State Research Service Report, attached as Appendix IV, pp. 20-26.

Jordan provided an update to his CSRS report via a telephone conference call. He reported that the appointment of the Assistant Secretary for Science and Education position has not been announced. One name has surfaced and is going through pre-clearance, but the name could not be revealed at this time.

The options for USDA reorganization which were scheduled to be announced by the Secretary has been delayed from the projected date of July 15. This is due to the major reorganization effort headed by Vice President Gore, which is to be reported by September 7.

Operating parallel to the reorganization effort is a group that is part of the Vice President's effort, but focused within the USDA, chaired by Alma Hobbs, who is on an IPA to the USDA from Tennessee State. All the materials and inputs from the various Assistant Secretaries are to be turned over to them to flesh out some of the recommendations and options. They will also have several weeks to work over the recommendations that came out of the Secretary's June Retreat. The USDA is also going to move ahead with a SWAT team approach that Secretary Madigan had going before he left that will be geared up and restarted with a national video conference involving all the state coordinating committees. This will involve a meeting by the end of July with an update on what happened and what the situation is at the moment. Final answer on the specifics on closing of offices, consolidation of offices or restructuring of offices out in the field will also occur sometime after the Vice-President's report. The overall thought is that the real package of restructuring, both the field approach and the Washington approach, may not reach Congress until the fall.

He provided information on items that relate to the image of agriculture. On a weekly basis each agency is to provide the Secretary of Agriculture with a report containing very succinct materials. By Thursday noon, the Secretary sends a multi-page report of activities in the Department of Agriculture to the President. There is a fairly rigorous format associated with it. Basically, it talks about major events and activities of the past week, the current week, and the future week. The second kind of material that is presented in the report are those things that the Secretary of Agriculture needs to know. The third are things that the Assistant Secretary for Science and Education ought to be fully aware of. The amount of material going into the White House is relatively constrained. Many of the materials used are provided by the State Agricultural Experiment Stations. The success of this kind of communication, which should lead to a level of confidence in our system as being a part of the USDA system, depends to a great extent on what is provided.

Recent articles in the *Reader's Digest* and the *Chronicle of Higher Education* have given the perception that our entire system is anachronistic. The same applies to separate agencies within USDA. These viewpoints indicate that we are not doing nearly well enough in presenting the alternative argument that, in fact, we are on the cutting edge of change and have probably effected more change than any other area in the American economy over a period of time. Thus, it simply reinforces the fact that we must be about this business with such intensity and such productivity that, by a year from now, we should be able to say that we have sent out a lot of good material that has been picked up by the press.

Jordan stated that, as future meetings are planned, he would like to request that economy be considered in travel and lodging, as there are cycles of scrutiny by the citizens of America about those items. For a while, it is important for us to trim those costs. It will influence the ability of agencies like CSRS and ARS to attend meetings with the right number of people in the right areas to help.

CSRS is reexamining regional research in terms of trying to make the most out of that very valuable tool. He emphasized the critical importance of the strategic planning effort that ESCOP and CSRS are engaged in. Without that kind of strategic planning, he commented that we are extremely vulnerable in the tight budget situation in which we find ourselves.

The importance of the PM-10 (particulate material of 10 micron size) issue that has been brought to the fore by the Clean Air Act, focusing on the year 2001, becomes extremely significant in Texas, Arizona, and California. Leadership has been taken by a group from the San Joaquin Valley and by CSRS within USDA to bring a number of agencies (ARS, ERS, FS, SCS, CSRS, the University of California, a number of private groups from the state of California, and the California Department of Food and Agriculture) to meet in Sacramento on

July 27 for the purpose of more crisply stating the researchable questions that need to be addressed, and to try to prioritize those questions. The importance of this is to be sure that, as resources are put against this, whether they be state, federal, or private resources, that we are able to bring to bear the science so that the answers will be available in time to make a difference to a very productive area of central and southern California. The impact of this is going to be very valuable on all of our arid lands in the United States.

## 7.0 State Reports

State reports which were submitted as Agenda Briefs are attached as Appendix V, pp. 27-35: ALASKA - p. 27; MONTANA - pp. 28-30; NEVADA - p. 31; UTAH - p. 32; WASHINGTON - p. 33; WYOMING - pp. 34-35.

Jacobsen requested letters of support from the Directors for the Bioscience Research Center facility at Montana State University, that is included in the Montana State Report, pp. 28-30.

## 8.0 Joint Meeting - ESCOP/ECOP

The draft of the Board on Agriculture Rules of Operation, attached as Appendix VI, pp. 36-48 was discussed.

Items for discussion at the upcoming ESCOP/ECOP joint meeting were solicited. The WDA discussed and determined the most important items for them: (1) A systems approach to solve problems and maximize benefits; (2) IPM (biocontrol) and management of soil-borne pathogens; (3) top research priorities; (4) water, soil and air quality; (5) sustainable agriculture.

## 9.0 ESCOP "Thoughtpiece"

Zuiches indicated that CAHA had requested that the WDA discuss the ESCOP thoughtpiece "Enhancing Relationships Within the Board of Agriculture" which was distributed by J. Fischer (Chair of ESCOP). With the reorganization of the NASULGC Board on Agriculture, the linkages between all the organizations have been changed. One of the CAHA concerns is that there is not a good working relationship among the COPs (ESCOP, ECOP, ICOP and ACOP). What they are proposing is a series of specific recommendations to improve the relationship between CAHA and the COPs.

There are about nine general issues for CAHA: (1) They recommend a better network of system components - a matrix model where all of us are interacting with all the other COPs. (2) They want to better define the role of CAHA. (3) They would like to achieve better liaison with the COPs and sharing of the meeting minutes. (4) They would like to see increased regional Deans and Directors meetings, such as we are having, to address common issues. (5) They want to be a part of Land-Grant University studies such as the Futuring Conference, etc. (6) They want to work with us and coordinate with the clientele as we look at different priorities. (7) They want to coordinate with us and the other COPs on planning. (8) They would like to use the COPs more effectively as a vehicle for getting things done. (9) They recognize the utility and function of the COPs as part of the total system, but they feel we need more effective linkages to CAHA and the Board on Agriculture and then build on the linkages to develop a coordinated position on key issues such as the reorganization of USDA, the identification of nominations for Assistant Secretary, and the engagement of new leadership in USDA on programmatic issues.

The document states that "It is the contention in this paper that the parts of our system which are active and have initiatives underway should not be discouraged, but supported by organizational arrangements that further enhance the individual efforts while building a stronger network for interactions and mutual support. There is a pervasive need among the component parts of the Board on Agriculture to develop a linkage with federal funding and action agencies outside USDA. In this network, which is mostly an extension of the current evolution of NASULGC, the administrative heads would take a more vigorous leadership role to establish broad policy for the system and in evaluating current status and progress at the policy level. The administrative heads would continue to take

leadership role in clientele relationships, but the COPs would also be involved in this activity. This might include a more effective liaison from the COPs to CARET under CAHA leadership.”

#### 10.0 Regional Research Related Issues

##### 10.1 RIC Report

Rasmussen presented the RIC Report. The report, with related WDA actions, is attached as Appendix VII, pp. 49-60.

##### 10.2 Subcommittee- Regional Research Management & Alternatives

Cunningham reported that he had chaired a subcommittee composed of himself, Jacobsen, Laughlin, and Pardini on regional research management and alternatives. Suggestions for improvement were: (1) Centralization of the Committee of Nine functions; (2) More control by the regional research committees, and less by the Committee of Nine; (3) Incentives to get more faculty involved in regional research, although that will need to be handled by individual states; (4) More combined research and research coordinating committee functions; (5) More emphasis on participation of both extension and academic program faculty in regional research and coordinating committee activities. With all those things in mind, one of the things that was discussed earlier is that there seems to be a tradeoff that exists between being responsive in terms of regional research needs and adding the consistency that it takes to develop programs that are productive over a period of time.

One of the committee's recommendations is that it ought to be easier to get projects started, and easier to get rid of them. The evaluation should be not on what comes up front, but on the products of the effort.

The findings of the committee will be summarized and distributed to the WDA representatives to the upcoming Regional Research Administration Workshop.

##### 10.3 Administrative Advisor Training

Volk presented a report on the recommendations of a subcommittee composed of Volk, Heil, and McHugh, attached as Appendix VIII, pp. 61-62.

##### 10.4 Committee of Nine Report

Zuiches indicated that information on the Committee of Nine is included as part of the Executive Director's Report, Appendix XIX, pp. 90-101.

Volk reported that there is a desire to improve the effectiveness of the regional research program. The Committee of Nine is looking to change regional research and incorporate the ideas of the regional associations. There is an upcoming workshop composed of participants from each of the regional associations and ARS to develop firm action items as to how we want regional research to look in the future and the way we can solve current problems. There will be four major areas addressed at the meeting: (1) the vision of regional research in the future; (2) the management of the regional research program; (3) review and evaluation of projects; and (4) funding. Guidelines will be developed for both the Committee of Nine and for the regions.

#### 11.0 Western Rural Development Center Report

Youmans presented the Western Rural Development Center Report, attached as Appendix IX, pp. 63-70.

#### 12.0 ESCOP Subcommittee/Group Reports

12.1 ESCOP FY94 Budget Report

Kaltenbach distributed information on the FY94 budget request, attached as Appendix X, pp. 71-76.

12.2 ESCOP FY95 Budget Report

Cunningham distributed information on the proposed FY95 budget, attached as Appendix XI, p. 77.

12.3 ESCOP FY96 Budget Report

Rasmussen presented preliminary information on the FY96 Budget Committee, attached as Appendix XII, p. 78.

12.4 ESCOP Report

Lee reported on the Spring ESCOP Meeting, attached as Appendix XIII, pp. 79-80.

12.5 ESCOP Communications Subcommittee

Dutson presented the report on the ESCOP Communications Subcommittee, attached as Appendix XIV, pp. 81-83.

13.0 AESOP Report

Nipp, via teleconference, provided the Directors with an update on congressional activities regarding funding for agriculture. He reported that he had been working on the formulation of working groups to begin pulling resources together in order to be proactive for the 1995 Farm Bill. There are twelve working groups drawn from 600 nominations by Deans and Directors. Each of the working groups has administrative advisors, one for research and one for extension. The first round of teleconferences has taken place with the administrative advisors, and the first round of teleconferences with the working groups will soon be completed. Each of the working groups will develop an outline of the issues that they anticipate might be addressed in the 1995 Farm Bill and additional legislation that may take place. Briefing papers for each of the working groups are to be available by the time of the NASULGC meetings.

14.0 Other Business14.1 Joint IPM Funding by Research and Extension

A request for an opinion on converting WRCC-69 to a joint research/extension committee was presented by Jacobsen, attached as Appendix XV, p. 84. He reported that the North Central Experiment Station Directors and Extension Directors had jointly funded a successful competitive Extension-Research IPM grant.

WRCC-69 is interested in having a jointly funded program, to be a joint extension-research committee and would like approval of the WDA to pursue incorporating extension in the group to establish linkage between research and demonstration.

The question at hand is: (1) whether WRCC-69 should be a joint research-extension committee; and (2) should a pool of money for competitive grants in extension-research IPM be put together? There is no problem with having extension included in the committee, as long as the individual extension directors are willing to provide the travel funds for their people. According to the House markup, extension has \$8.5 million for pest management, which is more than the Experiment Stations have. One concern is that we not build another three or four layers of bureaucracy to distribute another small pot of money.

14.2 ESCOP Leadership Development Subcommittee

Laughlin presented information on Class 3 of the ESCOP/ACOP Leadership Program, attached as Appendix XVI, p. 85.

14.3 Western Home Economics Research Administrators Report

Zuiches presented the WHERA Report, attached as Appendix XVII, p. 86.

15.0 Research Planning

McHugh lead discussion about identification of research initiatives, information about which was developed by McHugh and Heil, attached as Appendix XVIII, pp. 87-89.

A total of 19 responses were received which ranked 13 research priorities. These research priorities will be used to provide input for the ESCOP Strategic Planning Workshop which is scheduled later in July. McHugh questioned whether we have a strong enough statement related to policy issues.

The packet of materials which were sent to each director were derived from three sets of initiatives: (1) ESCOP FY92-93 initiatives; (2) NARC, which has broader representation from research groups than ESCOP; (3) Western Regional Council, which includes Extension-Experiment Station-Resident Instruction-Agricultural Research Service-Forest Service-NAPFSC-Home Economics-Veterinary Medicine-and private industry. These sets of initiatives were studied by WARC and condensed to the 13 research priorities for evaluation.

CARET ranked the items on the matrix in Appendix XVIII, p. 88: A B C G H I L and then added "Endangered Species in Relation to Agriculture and Natural Resources" as another category. It was pointed out that "Endangered Species" could be a subset of P or J.

16.0 Response to Joint Meeting & Executive Director Report

Heil indicated that the joint meeting had been discussed at various times. The Executive Director Report is attached as Appendix XIX, pp. 90-101.

17.0 Future Meetings

17.1 NASULGC/Fall WDA Meeting

The NASULGC/Fall WDA Meeting will be held November 11-13, 1993 in Washington, DC. The time for the WDA meeting will be included in the NASULGC meeting information, which will be mailed by NASULGC.

17.2 Spring Meeting - 1994

The WDA Spring Meeting will be held in Ft. Collins, CO, tentatively on March 7-8, 1994 with RIC meeting on March 6.

17.3 Summer Meeting - 1994

The Joint Summer Meeting will be hosted by the University of Alaska July 17-21, 1994 in Fairbanks, AK. Drew urged participants to make arrangements far in advance for those who might want to plan an extended stay either before or after the meeting.

18.0 Resolutions

The following resolutions were UNANIMOUSLY APPROVED.

RESOLUTION # 1

**WHEREAS** The Western Association of Agricultural Experiment Station Directors successfully completed their 1993 Summer Meeting in conjunction with the Western Region Joint Summer Roundup held in Grand Teton National Park at Jackson Lake Lodge in Jackson Hole, Wyoming between July 5 and 9 in the year of nineteen hundred and ninety-three, and

**WHEREAS** the Association was able to conduct its business, deliberate, and make thoughtful decisions in an awe inspiring setting amid beautiful mountains, lakes and streams and where tranquility, congeniality, wildlife, and moisture were abundant along with an appropriate dosage of solar irradiation, and

**WHEREAS** the Association membership and others attending the Joint Meeting were indeed fortunate to have visited the University of Wyoming - National Park Service Research Center on Jackson Lake, to have interacted with and been hosted by Dr. Hank Harlow, UWNPS Director, and to have been treated an exceptional gastromic event, a.k.a, the Pitchfork Fondue, so expertly prepared by Mr. Darrell Walker and staff, and

**WHEREAS** the accomplishments of the Association and the enjoyment experienced by its members were in large measure the result of the excellent planning and arrangements and the exceptional hospitality provided by the University of Wyoming and its College of Agriculture; now, therefore be it

**RESOLVED** that the Western Association of Agricultural Experiment Station Directors at their meeting in Jackson Hole, Wyoming on July 5-9, 1993, express their sincere appreciation to Dr. Glen Whipple, Dr. Al Gale, Dr. Jim Jacobs, Dr. Jim DeBree, Dr. Rollin Abernethy, Ms. Linda Andersen, Ms. Mary Martin, Dr. Hank Harlow, Mr. Darrell Walker, and other members of the University of Wyoming College of Agriculture for their efforts in behalf of the Association. The Association also wishes to extend its appreciation to University of Wyoming President Dr. Terry Roark and Provost Dr. Al Karnig for their participation in and contributions to the Western Region's Joint Summer Meeting, and be it further

**RESOLVED** that originals of this resolution be provided to President Roark, Provost Karnig, Dean Glen Whipple, Dr. Al Gale, Dr. Jim Jacobs, Dr. Jim DeBree, Dr. Rollin Abernethy, Dr. Hank Harlow, Ms. Linda Andersen, Ms. Mary Martin, Mr. Darrell Walker and a copy made part of the minutes of the Western Association of Agricultural Experiment Station Directors.

RESOLUTION #2

**WHEREAS** Dr. Seymour D. Van Gundy has served the Western Association of Agricultural Experiment Station Directors for a number of years representing the University of California at Riverside, and

**WHEREAS** Dr. Van Gundy brought leadership and expertise to the Association in his disciplines of plant pathology and nematology, and

**WHEREAS** Dr. Van Gundy distinguished himself and the University of California through his accomplishments as a scientist and as Director and Dean of Agriculture and Natural Resources Programs, and

**WHEREAS** Dr. Van Gundy has retired after a distinguished career from the University of California, Riverside; therefore be it

**RESOLVED** that the Western Association of Agricultural Experiment Station Directors at their meeting in Jackson Hole, Wyoming on July 8, 1993, express their collective appreciation to Dr. Seymour Van Gundy for his distinguished service to agriculture and to the Western Association of Agricultural Experiment Station Directors, and be it further

**RESOLVED** that the original of this resolution be sent to Dr. Van Gundy with a copy made part of the minutes of this meeting.

RESOLUTION #3

**WHEREAS** Dr. Donald E. Mathre has served the Western Association of Agricultural Experiment Station Directors representing Montana State University, and

**WHEREAS** Dr. Mathre brought leadership and expertise to the Association in his discipline of plant pathology, and

**WHEREAS** Dr. Mathre has distinguished himself and Montana State University through his accomplishments as a scientist and as Associate Director and Acting Director of the Montana State Agricultural Experiment Station, and

**WHEREAS** Dr. Mathre has recently returned to his academic unit as Head of the Department of Plant Pathology at Montana State University to continue his distinguished career as a scientist and administrator; therefore be it

**RESOLVED** that the Western Association of Agricultural Experiment Station Directors at their meeting in Jackson Hole, Wyoming on July 8, 1993, express their collective appreciation to Dr. Donald Mathre for his distinguished service to agriculture and to the Western Association of Agricultural Experiment Station Directors, and be it further

**RESOLVED** that the original of this resolution be sent to Dr. Mathre with a copy made part of the minutes of this meeting.

RESOLUTION #4

**WHEREAS** Dr. Nick C. Toscano has served the Western Association of Agricultural Experiment Station Directors representing the University of California at Riverside, and

**WHEREAS** Dr. Toscano brought leadership and expertise to the Association in his discipline of entomology, and

**WHEREAS** Dr. Toscano has distinguished himself and the University of California through his accomplishments as a scientist and as Associate Dean of Agriculture Natural Resource Programs, and

**WHEREAS** Dr. Toscano has recently returned to his academic unit at the University of California, Riverside to continue his scientific career; therefore be it

**RESOLVED** that the Western Association of Agricultural Experiment Station Directors at their meeting in Jackson Hole, Wyoming on July 8, 1993, express their collective appreciation to Dr. Nick Toscano for his distinguished service to agriculture and to the Western Association of Agricultural Experiment Station Directors, and be it further

**RESOLVED** that the original of this resolution be sent to Dr. Toscano with a copy made part of the minutes of this meeting.

RESOLUTION #5

**WHEREAS** the Western Association of Agricultural Experiment Station Directors has functioned as an effective administrative group because of the contributions of each and every member and

**WHEREAS** loss of any member impacts the entire group and

**WHEREAS** Dr. John E. Kinsella provided excellent, innovative leadership for the College of Agriculture and Environmental Sciences at the University of California at Davis while serving as Dean and Director of Agriculture and Natural Resource Programs, and

**WHEREAS** Dr. Kinsella died suddenly and unexpectedly and will be missed greatly; be it

**RESOLVED** that an expression of our deepest sympathy be extended to Mrs. Kinsella and the Kinsella Family for the loss of John, and be it further

**RESOLVED** that the Western Association of Agricultural Experiment Station Directors pause for a moment of silence to reflect on the friendship and contributions of John E. Kinsella.

19.0 Election of Officers & Committee Assignments

The motion was made, seconded and UNANIMOUSLY CARRIED to elect the nominated slate of candidates for WDA offices: The following list indicates WDA officers and committee assignments for 1994:

Chair:	H. P. Rasmussen, UT
Chair-Elect	G. Cunningham, NM
Secretary	R. S. Pardini, NV
Treasurer	B. J. Jacobsen, MT

WDA Executive Committee;

Chair:	H. P. Rasmussen, UT
Chair-Elect	G. Cunningham, NM
Secretary	R. S. Pardini, NV
Treasurer	B. J. Jacobsen, MT
Senior ESCOP Rep.	T. R. Dutson, OR
At-Large Member	H. J. Vaux, CA
At-Large Member	C. W. Laughlin, CO

Research Implementation Committee	R. S. Pardini, NV (Chair)
	R. C. Heimsch, ID (95)
	G. A. Mitchell, AK (96)
	L. J. Lund, CA-R (97)

Committee of Nine	V. V. Volk, OR (95)
	H. P. Rasmussen, UT (96)
	R. S. Pardini, NV (alternate)

Board of Directors, Western Rural Development Center	T. R. Dutson, OR
	H. F. McHugh, CO (94)
	C. C. Kaltenbach, AZ (96)

Experiment Station Committee on Organization and Policy (ESCOP)	T. R. Dutson, OR (94)
	J. J. Zuiches, WA (95)
	H. P. Rasmussen, UT (96)
	R. D. Heil, W. Exec. Dir. (alternate)

20.0 ADJOURNMENT

The motion was made, seconded and UNANIMOUSLY CARRIED to adjourn the meeting.

APPENDIX I

Western Association of Agricultural Experiment Station Directors  
Joint Summer Meeting, Jackson Lake Lodge, Jackson, WY  
July 5-8, 1992

Agenda

**Monday, July 5, 1993**

- 8:00 am - 5:00 pm RIC meeting
- 3:00 - 6:00 pm General registration
- 6:00 - 8:00 pm Reception for all until 8:00 pm
- 8:00 pm Executive Committee

**Tuesday, July 6, 1993**

**Morning Session**

- 8:30 - 12:00 noon Joint Session
- 12:30 LUNCH - Speaker, J. Watt - Former Secretary of Interior

**Afternoon Session**

- 1:30 1.0 Call to order ..... J. J. Zuiches
- Introductions and announcements ..... J. J. Zuiches
- Approval of the agenda
- 1:40 2.0 Interim actions by the Chair ..... J. J. Zuiches
- 1:45 3.0 Executive Committee report ..... J. J. Zuiches
- 1:55 4.0 Approval of minutes of March 24-25, 1992 meeting ..... J. J. Zuiches
- 2:00 5.0 Treasurer's report ..... B. Jacobsen
- 6.0 Liaison group reports
- 2:10 6.1 Forest Service Report ..... D. Burns
- 2:20 6.2 ARS Report (National & Regional) ..... R. J. Reginato
- 2:30 6.3 ERS Report ..... K. Reichelderfer
- 2:40 6.4 CSRS Report ..... J. P. Jordan
- 3:00 BREAK
- 3:20 7.0 State Reports
- 4:20 8.0 Joint Meeting - ESCOP/ECOP ..... J. J. Zuiches
- 4:30 9.0 ESCOP "Thoughtpiece" ..... J. J. Zuiches
- 5:00 ADJOURN FOR THE DAY
- 6:00 Western Rural Development Center Board Meeting

**Wednesday, July 7, 1993**

**Morning Session**

**Joint Sessions with Other Functions/Groups (WAAESD, WED, CAHA, WIADA, CARET, ACOP)**

- 8:00 With INTERNATIONAL PROGRAMS
- 9:00 With ACADEMIC PROGRAMS JOINT SESSION

- 10:00 With CARET
- 11:00 With CAHA
- 12:00 LUNCH

**Afternoon Session**

- 1:00 With EXTENSION
- 10.0 Regional Research Related Issues
- 2:00 10.1 RIC Report ..... H. P. Rasmussen
- 2:45 10.2 Subcommittee- Regional Research Mgmt. & Alternatives ..... G. Cunningham
- 3:15 BREAK
- 3:30 10.3 Administrative Advisor Training ..... V. V. Volk
- 3:40 10.4 Committee of Nine Report ..... J. J. Zuiches
- 3:50 11.0 Western Rural Development Center Report ..... R. Youmans
- 12.0 ESCOP Subcommittee/Group Reports
- 4:00 12.1 ESCOP FY94 Budget Report ..... C. C. Kaltenbach
- 4:10 12.2 ESCOP FY95 Budget Report ..... G. Cunningham
- 4:20 12.3 ESCOP FY96 Budget Report ..... H. P. Rasmussen
- 4:30 13.0 AESOP Report ..... T. Nipp
- 4:45 14.0 Other Business
- 4:45 14.1 Joint IPM funding by Research and Extension ..... B. Jacobsen
- 4:50 14.2 ESCOP Leadership Development Subcommittee ..... C. W. Laughlin
- 5:00 ADJOURN FOR THE DAY

**Thursday, July 8, 1993**

**Morning Session**

- 8:00 Plenary Session - Joint
- 9:30 15.0 Research Planning ..... H. F. McHugh
- 10:00 BREAK
- 10:15 Research Planning (continued) ..... H. F. McHugh
- 10:50 16.0 Response to Joint Meeting & Executive Director Report ..... R. D. Heil  
(Issues - Determine Actions Needed)
- 11:25 17.0 Future Meetings ..... J. J. Zuiches/R. D. Heil
  - 17.1 NASULGC/Fall WDA Meeting
  - 17.2 Spring Meeting - 1994
  - 17.3 Summer Meeting - 1994
- 11:35 18.0 Resolutions
- 11:45 19.0 Election of Officers & Committee Assignments ..... J. J. Zuiches
- 12:00 20.0 ADJOURNMENT OF SUMMER 93 WAAESD MEETING
- 12:00 LUNCH
- 1:00 TOURS

**WESTERN DIRECTORS' SPECIAL ACCOUNT  
FINANCIAL REPORT  
FY1993**

**ASSESSMENTS**

02-Jul-93

Item	Assessment	Payment	Balance Due
ALASKA	\$ 538.54	\$ 538.54	\$
ARIZONA	961.10	961.10	
CALIFORNIA	1,492.07	1,492.07	
COLORADO	1,078.14	1,078.14	
GUAM	524.37	524.37	
HAWAII	704.24	704.24	
IDAHO	850.84	850.84	
MONTANA	900.12	900.12	
NEVADA	691.92	691.92	
NEW MEXICO	717.17	717.17	
OREGON	1,091.69	1,091.69	
UTAH	914.90	914.90	
WASHINGTON	1,047.34	1,047.34	
WYOMING	807.11	807.11	
<b>Total</b>	<b>\$ 12,319.55</b>	<b>\$ 12,319.55</b>	<b>\$</b>

**INCOME AND EXPENSES**

Date	Transaction	Income	Expense	Balance
01-Jul-91	June 30, 1992 Balance	\$	\$	\$ 22,280.45
02-Jul-93	FY1993 Assessments Received	12,319.55		34,600.00
24-Aug-92	Gary Lee ESCOP travel - Minneapolis		1,251.28	33,348.72
14-Aug-92	Cunningham ESCOP travel - St. Louis		726.82	32,621.90
07-Aug-92	McHugh ESCOP travel - Kentucky		876.55	31,745.35
14-Oct-92	Cunningham ESCOP travel - St. Louis		1,052.50	30,692.85
05-Oct-92	Lanny Lund ESCOP travel - St. Louis		879.72	29,813.13
01-Oct-92	Jacobsen ESCOP travel-Wash.D.C.		586.40	29,226.73
24-Oct-92	Zuiches ESCOP travel-Denver		417.84	28,808.89
19-Nov-92	ESCOP travel McHugh-Wash D.C.		546.67	28,262.22
01-Dec-92	T. Dutson ESCOP travel-Charleston, Minn., Denver		4,104.73	24,157.49
Aug 92	July Interest	65.69		24,223.18
Sep 92	August Interest	64.80		24,287.98
Oct 92	September Interest	57.95		24,345.93
Nov 92	October Interest	57.79		24,403.72
Dec 92	November Interest	55.04		24,458.76
Jan 93	December Interest	60.79		24,519.55
Feb 93	January Interest	60.59		24,580.14
Mar 93	February Interest	54.88		24,635.02
Apr 93	ESCOP travel for McHugh - Wash D.C.		548.66	24,086.36
Apr 93	ESCOP travel for Schlegel-1991		2,526.03	21,560.33
Apr 93	March Interest	58.03		21,618.36
May-93	April Interst	52.80		21,671.16
Jun-93	ESCOP travel - Kaltenbach		605.33	21,065.83
Jun-93	May Interest	53.86		21,119.69
<b>Total</b>		<b>\$ 12,961.77</b>	<b>14,122.53</b>	<b>\$ 21,119.69</b>

**WESTERN DIRECTOR AT LARGE ACCOUNT  
FINANCIAL REPORT  
FY 1993**

**ASSESSMENTS**

02-Jul-93

Item	Assessment	Payment	Balance due
AM.SAMOA	\$ 600.00	\$ 600.00	\$
MICRONESIA	600.00	600.00	
NORTHERN MARIANAS	600.00		600.00
ALASKA	8,457.39	8,457.39	
ARIZONA	15,093.43	15,093.43	
CALIFORNIA	23,431.99	23,431.99	
COLORADO	16,931.41	16,931.41	
GUAM	8,234.91	8,234.91	
HAWAII	11,059.59	11,059.59	
IDAHO	13,361.86	13,361.86	
MONTANA	14,135.75	14,135.75	
NEVADA	10,866.10	10,866.10	
NEW MEXICO	11,262.72	11,262.72	
OREGON	17,144.21	17,144.21	
UTAH	14,367.89	14,367.89	
WASHINGTON	16,447.70	16,447.70	
WYOMING	12,675.07	12,675.07	
<b>SUB TOTAL</b>	<b>195,270.02</b>	<b>194,670.02</b>	
<b>COLORADO RENT</b>	<b>(4,200.00)</b>	<b>(4,200.00)</b>	
<b>Total</b>	<b>\$ 191,070.02</b>	<b>\$ 190,470.02</b>	<b>\$ 600.00</b>

**INCOME AND EXPENSES**

Date	Transaction	Income	Expense	Balance
01-Jul-91	June 30, 1992 Balance	\$	\$	\$ 126,989.80
	FY 1992 Assessments Received	190,470.02		317,459.82
24-Aug-92	Transfer of Funds to Colorado		97,500.00	219,959.82
07-Aug-92	July Interest	403.64		220,363.46
07-SEP-92	August Interest	398.15		220,761.61
24-Oct-92	Transfer of Funds to Colorado		37,500.00	183,261.61
18-Oct-92	Transfer to Montana AES-accounting expenses		1,500.00	181,761.61
25-Sep-92	September Interest	356.07		182,117.68
09-Nov-92	October Interest	355.09		182,472.77
03-Dec-92	November Interest	338.16		182,810.93
28-Jan-93	Transfer of Funds to Colorado		37,500.00	145,310.93
26-Jan-93	December Interest	373.49		145,684.42
19-Nov-92	Boyd Retirement reception		527.13	145,157.29
05-Nov-92	Excess Fees from Summer WD mtg.	4,230.00		149,387.29
23-Feb-93	January Interest	372.27		149,759.56
24-Mar-93	Transfer Summer mtg fees to WY		4,230.00	145,529.56
24-Mar-93	February Interest	337.22		145,866.78
30-Mar-93	Washington State, Boyd salary (Jan. Feb)		18,720.23	127,146.55
21-Apr-93	U of WY-Heil salary (Jan-Mar)		28,704.93	98,441.62
21-Apr-93	Washington State-Boyd salary (Mar)		3,522.13	94,919.49
21-Apr-93	Transfer of Funds to Colorado		37,500.00	57,419.49
28-Apr-93	March Interest	356.55		57,776.04
28-May-93	April Interest	324.44		58,100.48
24-Jun-93	May Interest	330.95		58,431.43
<b>Total</b>		<b>\$ 198,646.05</b>	<b>\$ \$267,204.42</b>	<b>\$ 58,431.43</b>

**WDA AGENDA BRIEF**

**Meeting Date:** July 6, 1993

**Agenda Item:** ~~ERS Report~~ 6,3

**Presenter:** Katherine Reichelderfer

**Agenda Item Title:** Status Report on the Economic Research Service

**Background Information:** John Lee retired as ERS Administrator effective May 28, 1993 and, Secretary Espy appointed Katherine Reichelderfer as Acting Administrator of ERS. The Secretary has decided not to fill the Assistant Secretary for Economics position nor advertise the ERS Administrator position prior to the announcement of a reorganization plan for USDA.

The President's Budget for FY 1994 (October 1, 1993 through September 30, 1994) includes a 14-percent budget cut for ERS and an additional 11-percent cut in FY 1995. Of course, we will not know the final FY 1994 budget levels until Congress passes an appropriation act for USDA, likely sometime after mid-September. In the meantime, ERS is making decisions for FY 1994 based on the assumption that the 14-percent cut will stand.

The budget implications for FY 1994 of greatest interest to State Agricultural Experiment Stations include:

- There will be little or no funds for cooperative agreements with outside collaborators. In recent years, ERS has spent \$3-\$4 million on cooperative agreements.
- There will likely be no hiring of new permanent staff for 4 to 5 years.
- ERS' support of staff travel to professional and regional meetings will be significantly curtailed.
- ERS will significantly decrease its data collection efforts. In FY 1994, data collection funds will be halved, and in FY 1995, funds may be halved again. This will affect several of our economic indicator series and recent analysis on pesticide use and its link to water quality. For example, state-level estimates of farm income will be eliminated.
- ERS will likely reduce; must possibly eliminate its technical assistance to the State Rural Development Councils.

Of particular interest to Western Experiment Stations:

- ERS will not be able to contribute funds to support of the Great Plains Agricultural Council, although ERS will continue to coordinate the collection of contributions from other USDA agencies. If there are unused FY 1993 funds available at the end of the year, support of the Council will be reconsidered.
- ERS will not be able to contribute funds to support the Western Livestock Marketing Information Project.
- The sample size for the 1993 Dairy Cost of Production survey (to be conducted in 1994) will be cut in half, and regional reliability will be substantially reduced.
- The Cost of Production survey for 1994 cow-calf production (to be conducted in 1995) will be eliminated, or postponed, and the sample size for the 1994 wheat survey will be significantly cut.

**Action Requested:** None

**Action Taken:** None

## APPENDIX IV

COOPERATIVE STATE RESEARCH SERVICE  
REPORT TO THE  
WESTERN ASSOCIATION OF AGRICULTURAL  
EXPERIMENT STATION DIRECTORS  
JULY 5-8, 1993  
JACKSON HOLE, WYOMING

1. Secretary Mike Espy's Leadership Team: The following individuals have been nominated: Eugene Moos will oversee the Foreign Agricultural Service, Office of International Cooperation and Development, and the Agricultural Stabilization and Conservation Service. He is a wheat farmer from the State of Washington who served as special assistant to then-House Majority Leader Thomas S. Foley. He was staff director of the Wheat, Soybeans, and Feed Grains Subcommittee of the House Committee, and senior staff professional on the House Agriculture Committee. Ellen Haas will be responsible for managing USDA's Food and Nutrition Service, the Human Nutrition Information Service, and the Office of Consumer Advisor. Before joining USDA, she served for over 10 years as executive director of Public Voice for Food and Health Policy, a Washington, D.C.-based consumer research, education, and advocacy organization. She was director of the Consumer Division of the Community Nutrition Institute, in Washington, D.C., from 1976-1982. Haas served as acting executive director of the National Consumers League from 1975-1976, and from 1973-1974, she worked as the director of consumer education for Montgomery County, Maryland. From 1973-1975, she served as president of the Maryland Citizens Council, which she founded in 1973. She holds a BA degree in history from the University of Michigan in Ann Arbor. James Gilliland will head the office which provides legal counsel and services to the Secretary of Agriculture and all USDA agencies. Gilliland has been a senior partner with a Memphis law firm since 1963. He has longstanding experience in commodities and has had extensive contact with USDA, the Commodities Futures Trading Commission, various foreign agriculture departments, and Congressional Agriculture Committees. For the past 20 years, he has been outside counsel to the world's largest cotton company.

Assistant Secretary for Science and Education. On March 18 Dr. Bruce Stillings left the Department. On an interim basis, Dr. Dean Plowman, ARS, will serve in this role.

2. 1994 Budget. The President's budget message on February 17 included three areas: economic stimulus, investment and deficit reduction. Research was well represented in the investment package with a specific commitment to increases for the National Research Initiative in FY 1994 and beyond.

3. FY 1994 House Committee Report on Agriculture Appropriations. On June 23, 1993, the House Committee on Appropriations marked up the Fiscal Year 1994 Appropriations Act for Agriculture, Rural Development, Food and Drug Administration, and Related Agencies.

The research and education program total for CSRS is \$431,436,000. It includes \$171,304,000 for the Hatch Act; \$18,809,000 for the McIntire-Stennis Cooperative Forestry program; \$28,157,000 for the Evans-Allen program; \$5,551,000 for Animal Health and Diseases, Sec. 1433; \$50,070,000 for Special Research Grants, including \$5,728,000 integrated pest management/biological control and \$6,750,000 pesticide clearance; \$6,825,000 for the Sustainable Agriculture program; \$4,000,000 for Aquaculture Centers; \$475,000 for Rangeland Research Grants; \$2,168,000 for Supplemental and Alternative Crops; \$3,500,000 for Graduate Fellowships; \$1,500,000 for Institution Challenge Grants; \$10,550,000 for 1890 Institution Capacity Building Grants; \$2,850,000 for Morrill-Nelson; and \$1,000,000 for a new Minority Scholars program.

The Committee action includes \$114,000,000 for the National Research Initiative (NRI). Specific areas of research include \$18 million natural resources and the environment; \$8 million nutrition, food quality and health; \$40 million plant systems; \$25 million animal systems; \$4 million rural development, markets, and trade; and \$7.5 million new products and processes. Also included in the NRI, rather than in Special Research Grants as CSRS had proposed, are \$2.5 million for global change and \$9 million for water quality.

The Committee provided \$37,750,000 for selected Buildings and Facilities.

4. House Appropriations Hearings. On March 11, the House Agriculture Appropriations Subcommittee held a hearing on the Cooperative State Research Service, Extension Service, and the Alternative Agricultural Research and Commercialization Center. President Clinton's FY 1994 Budget had not been released at that time; therefore, details of the budget were not addressed. There was, however, considerable discussion on the merit and peer review processes as well as the effect of the cap on indirect costs. Other areas of interest included the National Research Initiative, sustainable agriculture, pesticide clearance, quality of teaching programs, and earmarked special grants. Members were also interested in ways to attract students, particularly underrepresented groups, into agriculture and how to improve technology transfer, including recognition for scientists who share their research findings. The Agricultural Research Service and National Agricultural Library hearing was held on March 10.

5. House Subcommittee on Department Operations Hearing. On March 25, the House Subcommittee on Department Operations held an oversight hearing to review the research agenda of the science and education agencies of the Department of Agriculture. Among the witnesses

testifying at the hearing were Dr. James Fischer, Chairman, ESCOP; and Dr. Zerle Carpenter, Chairman, ECOP. Congressman Charles Stenholm (TX), Chairman of the Subcommittee, said that we must do better research with less money and that he plans to hold future hearings on setting research priorities. He also said producers and consumers should be included in setting priorities and that relevance and accountability will guide process.

6. House Biotechnology Hearing. On April 20, the House Agriculture Appropriations Subcommittee held a hearing on biotechnology. Dr. R. D. Plowman, Acting Assistant Secretary for Science and Education; Dr. Myron Johnsrud, Administrator, Extension Service; and I testified about biotechnology tools used by the Department of Agriculture and provided examples of many successful projects. Terry Medley, Acting Associate Administrator, Animal and Plant Health Inspection Service, along with Dr. David A. Kessler, Commissioner of the Food and Drug Administration, addressed regulatory issues. Other topics discussed at the hearing included USDA's close working relationship with industry in biotechnology research; and its efforts to transfer new knowledge and technologies to the private sector for further development and commercialization.

7. Senate Subcommittee on Research Hearing on AARC. The Senate Agriculture Subcommittee on Research held an oversight hearing on the Alternative Agricultural Research and Commercialization Center (AARC) on April 20. The purpose of the hearing was to determine what the AARC Board has accomplished since testifying before the Subcommittee last fall; and to review such issues as proposals funded, the AARC five year strategic plan, and the process of awarding regional centers. All of this was discussed in the context of how it impacts on rural development. Witnesses testifying at the hearing included Dr. Paul O'Connell, Director of the AARC Center; Dr. Gary Joliff, Professor, Oregon State University; and other members of the AARC Board.

8. Senate Appropriations Hearings. On May 11, the Senate Agriculture Appropriations Subcommittee held hearings on the FY 1994 Budget for CSRS, ES, and ARS. Dr. Dean Plowman presented a brief summary of the budget request for the Science and Education agencies. Dr. Essex Finney (ARS), Dr. Myron Johnsrud (ES) and I responded to questions from Subcommittee Members. Topics of special interest to the Members were food irradiation, research to find a replacement for methyl bromide, aquaculture research, human nutrition research, sustainable agriculture, genome mapping, Russian Wheat Aphid research and the effect of the 14 percent cap on indirect costs. The Subcommittee also expressed great support for research on and the commercialization of new products and encouraged close coordination between the Science and Education agencies and the AARC. Also presenting testimony before the Subcommittee was Martin Andreas, chairman of the AARC Board of Directors, and Dr. Paul O'Connell, Director of the AARC.

9. Organizational Structure. Secretary Espy has stated that the proposed modifications of the field structure of USDA agencies will not be acted upon until he has first studied the Washington Headquarters for possible adjustments. A number of proposals are being discussed, but the Secretary has indicated that he will not reach final decisions until his under and assistant secretaries have participated in discussions about any changes. ESCOP and NASULGC have been defining principles and functions that establish a framework within which to evaluate the appropriateness and desirability of organizational options.

10. Former Dean and Director Walter Woods (KS) joined CSRS on February 15 to become the Assistant Administrator for Regional Research. His agenda includes building on the background material gathered by Acting Assistant Administrator Chauncey Ching (HI) with regard to the future direction for the Regional Research Program.

11. Communications Program. The National Research Communication Committee, a joint ESCOP/CSRS committee, met in Tucson April 19-20. A major item of business was to lay out an action plan for the development of a cooperative database of research and teaching accomplishments and for continued production of the Agricultural Research Digest. In the meantime, an interim plan for both of these projects is in operation under the leadership of Len Carey, CSRS Director of Communications.

12. 1890 Capacity Building Program. On March 22-26 a panel of 28 distinguished scientist-educators reviewed 164 proposals submitted to the 1890 Institutions Teaching and Research Capacity Building Grants Program for FY 1993 funding. Approximately 50 grants will be made from the \$10.25 million appropriated in Fiscal Year 1993. The Capacity Building Program is a department-wide initiative designed to strengthen partnerships, promote workforce diversity, and enhance the quality of teaching and research programs in the food and agricultural sciences at the 1890 Land-Grant Colleges and Universities and Tuskegee University. Teaching projects focus on the critical need areas of curriculum design and materials development; faculty preparation and enhancement for teaching; instruction delivery systems; student experiential learning; scientific instrumentation for teaching; and student recruitment and retention. Research projects address high-priority research initiatives.

13. Research Apprenticeship Program. The Research Apprenticeship Program for Minority High School Students is a competitive grants program designed to give high school students with a strong aptitude for math and science hands-on research experience. It serves to encourage students underrepresented in the food and agricultural sciences to enter these fields in college. The program provides excellent opportunities for students to interact with Federal and university research scientists. Seventy-four awards to groups located at 46 institutions were made. These grants will provide \$250,000 to finance 106 apprenticeships. Two hundred thirteen

proposals were reviewed by three prominent CSRS scientists February 24-25 to arrive at the awards.

14. Higher Education Challenge Grants. One hundred ten proposals submitted to the Higher Education Challenge Grants Program for FY 1992 funding were reviewed by a panel of 22 stellar scientist-educators March 9-12. Approximately 25 grants will be awarded with the \$1.5 million appropriated in Fiscal Year 1993. The Challenge Grants Program is designed to enhance the quality of teaching programs in the food and agricultural sciences at U.S. colleges and universities in the critical need areas of curriculum design and materials development; faculty, preparation and enhancement for teaching; instruction delivery systems; and student experiential learning.

15. Dynamics of the Research Base Program. The Cooperative State Research Service Faculty has conducted an analysis of research funding for Food and Agricultural Sciences, Human Nutrition and Rural Development supported by the Agency and its cooperating institutions. The report entitled, Dynamics of the Research Base: Issues and Trends in the Agricultural Research System, highlights a decade (1981-1991) of research funding, as well as changes in funding patterns for various types of research during this period. The CSRS role in providing a national perspective for the coordination of resources is also described. The report represents an agency wide effort in that almost every faculty member has been involved in some aspect of the preparation of the draft--through data synthesis, writing, or review. Results of this analysis will provide a baseline for the strategic planning efforts of CSRS and SAES research partners. The finished report, projected for release later this year, will be distributed to all cooperators.

16. Secretary Espy met with the USDA/1890 Land-Grant Universities Task Force, March 22. During his remarks he stated that he wishes to have a series of conferences around several key issues. He wants to hold these conferences as soon as possible after he gets his top leadership team (Under and Assistant Secretaries) on board. He invited the 1890 Land-Grant University Presidents to host one or two of these conferences. They will be somewhat like then President-Elect Clinton's Economic Conference, except, of course, on a smaller scale.

Following Secretary Espy's remarks, the Task Force selected food safety as the preferred theme of a conference to be hosted by an 1890 Land-Grant University under the auspices of the Task Force. The conference is to be strongly oriented toward the research and scientific underpinning of food safety. The University of Maryland-Eastern Shore (UMES) and ARS are preparing a concept paper (proposal) for the conference.

17. Dr. William D. Carlson, Associate Administrator, testified before the House Subcommittee on Department Operations and Nutrition

of the Committee on Agriculture on June 17, 1993. He represented Science and Education to describe the processes employed by the Agricultural Research Service and the Cooperative State Research Service to manage their buildings and facilities programs. For the CSRS program, he stressed the inadequacy of the current process to address the Nation's overall infrastructure problems and national research priorities. He also informed the subcommittee that there are now 72 earmarked projects in various stages of completion. Assuming a 50% matching contribution, he noted that it will cost the Federal Government between \$265 and \$390 million to finish these projects. At the current rate of funding, it could be nearly a decade before all facilities in the pipeline are completed and operational. To address these problems, he recommended the award of facilities grants using a national competitive process.

18. The USDA Small Business Innovation Research (SBIR) program has recently awarded 53 Phase I grants to small business firms from 24 different states to conduct preliminary feasibility studies with an aim toward eventual commercialization of the technology. The awards will average just under \$50,000 for a six-month period. The Fiscal Year 1994 Program Solicitation for Phase I proposals was released on June 1, 1993, with a closing date of September 1, 1993. Proposals must come from for-profit small businesses, but university scientists are encouraged to participate as consultants or through subcontract arrangements. Proposals are accepted in eight broad topic areas, Forests and Related Resources; Plant Production and Protection; Animal Production and Protection; Air, Water and Soils; Food Science and Nutrition; Rural and community Development; Aquaculture; and Industrial Applications. For more information about the USDA SBIR program please call the SBIR program at (202) 401-4002.

19. The National Research Initiative Competitive Grants Program (NRICGP) of the Cooperative State Research Service, supports fundamental and mission-oriented research of importance to the improvement in and sustainability of U.S. agriculture. The NRICGP FY 92 appropriation was \$97.5 M which encompassed six divisions and 27 programs in the areas of Plant and Animal Sciences; Human Nutrition and Food Safety; Processing for Value Added; Markets, Trade and Policy; and Natural Resources and environment. In 1992 the NRICGP received 2970 proposals and made 777 awards. The NRICGP remained at level funding for the FY 1993 with an appropriation of \$97.5 M. Because of level funding, no new programs were initiated although numerous programs were modified in some fashion. Approximately 2900 proposals have been received for review in 1993. As of the end of June, 95% of the proposals have been reviewed and those considered for awards are waiting final administrative approval.

20. Office for Small-Scale Agriculture (OSSA) - Available June 26, is the summer 1993 edition of Small-Scale Agriculture Today, the free OSSA quarterly newsletter. Also, Shiitake Mushrooms latest factsheet in the series, "A Small-Scale Agriculture Alternative," was released June 21, 1993.

21. The Hispanic Association of Colleges and Universities (HACU) held its quarterly meeting in Washington, D.C. on June 7-8. Among the actions taken was the signing by Secretary Espy and Dr. Landelina Martinez, President of HACU, of an updated Memorandum of Understanding between USDA and HACU. I was elected Chair of the USDA/HACU Leadership Group.

22. Dr. Clare Harris, Associate Administrator, is working with Dr. Raymond J. Miller, President of the Maryland Institute for Agriculture and Natural Resources, on a study of trends in programs of agricultural research and education and their funding, particularly as they relate to CSRS. Beginning June 1, Dr. Harris is on leave status and is working at the University of Maryland, College Park. During the period of this leave, duties will be assigned on a rotational basis to CSRS faculty (George Cooper, David MacKenzie and Rosemary Grady).

23. CSRS Administrative Manuals have been revised and copies mailed to Experiment Station Directors (Hatch), Deans of Forestry Schools (McIntire-Stennis), Deans of 1890 Institutions and Tuskegee University (Evans-Allen), and Deans of Schools of Veterinary Medicine (Section 1433) as appropriate. The revised CRIS Classification Manual was also mailed to administrators to assist in completing appropriate forms to report on projects entered into this important database.

Information for the CSRS Experiment Station Letter is useful in sharing information on significant events within USDA and between partner institutions. I encourage you to submit articles to support this communications goal.

An important conference is being planned at Texas A&M University, August 23-25 to update the ESCOP/CSRS Strategic Plan (Quadrennial update). We encourage you to respond to invitations that will be mailed by NASULGC through Dr. Neville Clarke.

Respectfully submitted,



JOHN PATRICK JORDAN  
Administrator

**WDA AGENDA BRIEF**

**MEETING DATE:** July 5-8, 1993

**AGENDA ITEM:** 7.0

**PRESENTER:** James V. Drew

**AGENDA ITEM TITLE:** Alaska State Report

**BACKGROUND INFORMATION:**

FY94 budget information for the Agricultural and Forestry Experiment Station, University of Alaska Fairbanks, is not as yet complete.

Initial information, however, is that we will experience a 3-5% budget reduction in comparison with FY93. This means that we will not be able to fill two faculty positions that are open because of a retirement and a reassignment within the university.

Pay raises of 3% were programmed, but will not be implemented until the second half of FY94.

Our most recent addition is a research and instructional program in geographic information systems. This includes a new instructional and research laboratory for GIS and the addition of a new faculty member in our Forest Sciences Department who is skilled in remote sensing and GIS.

**ACTION REQUESTED:** NONE

**ACTION TAKEN:** NONE

## WDA AGENDA BRIEF

**Meeting Date:** June 6, 1993  
**Agenda Item:** 7.0  
**Presenter:** Barry J. Jacobsen  
**Agenda Item Title:** Biosciences Building at Montana State University  
**Background Information:** See attached

I am requesting that the Western Directors develop a statement supporting this facility and its financing via the CSRS Building Funding mechanism. House appropriation has approved \$2.238 million in funding for FY94. We are looking for the Senate to put in the full federal share this year. The quarantine facilities will be a regional asset.

**Action Requested:** Develop a letter of support to be sent to Representatives and Senators from the Western Region.

**Action Taken:**

## Bioscience Research Center

The Bioscience Research Center will provide the facilities needed to develop safe, effective biological controls of weeds, insects and plant diseases. Development of biocontrol strategies and products will decrease our dependence on synthetic chemical pesticides, may provide permanent solutions to otherwise recurring pest problems, and may spawn new industries or entrepreneurial opportunities.

### The Need

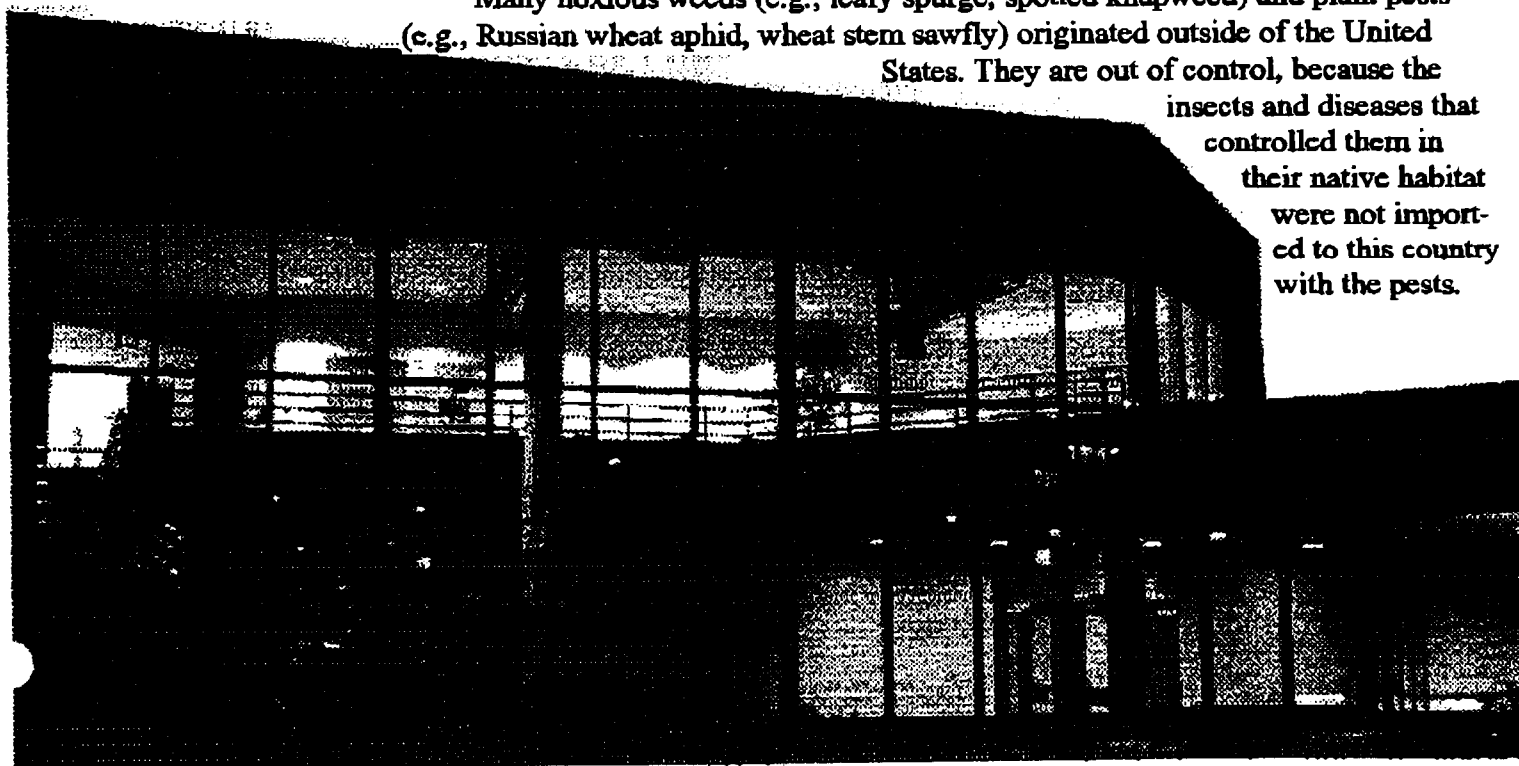
The Bioscience Research Center, combined with the existing Plant Growth Center, will enhance the development of biological pest controls for the Northern Great Plains, Intermountain West and the United States and be a national center of excellence for biological control research. This project will enlarge the Insect Quarantine Lab in the existing Plant Growth Center, establish the only plant pathogen quarantine facility west of the Mississippi River, and develop lab facilities to support biotechnology-based biological control research.

It will be the only U.S. facility other than that of the USDA-ARS at Fort Detrick, MD to have both insect and plant pathogen quarantine facilities, a combination necessary to provide the full spectrum of biological controls that need to be explored. This combined quarantine facility will greatly enhance the importation and evaluation of biocontrol agents from foreign lands, because there are too many requests for biological control agent screening for Fort Detrick alone to meet.

### Background and Bioscience Research at Montana State University

Many noxious weeds (e.g., leafy spurge, spotted knapweed) and plant pests (e.g., Russian wheat aphid, wheat stem sawfly) originated outside of the United States. They are out of control, because the

insects and diseases that controlled them in their native habitat were not imported to this country with the pests.



MSU faculty and USDA/ARS scientists already conduct a wide variety of biological control research on weeds, insects and plant diseases. Potential biocontrol agents initially are studied while under quarantine, to avoid those that might harm beneficial plants or insects. While investigating whether the biocontrol agents are appropriate for use in the U.S., scientists also learn about their reproduction and ecology.

MSU and USDA/ARS scientists already are using insects and plant pathogens on leafy spurge, spotted knapweed, Canadian and common thistle, dalmation toad-flax, field bindweed and wild oats. Other research includes:

- controlling grasshoppers and Russian wheat aphids using microbial pathogens and insect predators,
- using plant extracts to control insects,
- using bacteria and fungi to control root diseases, and
- developing crop varieties resistant to insects and plant diseases using molecular biological techniques.

### **Genetic Improvement and Value Added**

A second focus of bioscience research at MSU is the use of biotechnology to speed the identification of plant characteristics that improve yield, pest resistance, processing or product characteristics, or that provide unique plant products (e.g., biochemicals, pharmaceuticals) that add value to a crop. Current work focuses on barley, wheat, alfalfa and safflower—all crops important to the Northern Great Plains and Intermountain West.

### **Proposed Building and Financing of the Project**

The Bioscience Research Center will house both MSU and affiliated USDA/ARS researchers who will work on biological control of weeds, insects, plant pathogens and other plant pests. The Bioscience Research Center, budgeted at \$10.7 million, will contain more than 60,000 square feet of research space.

Even when first envisioned, the Montana State University Plant Growth Center was planned as the first step toward a complete Bioscience Research Center. Following completion of the Plant Growth Center, a 1989 USDA/CSRS study of the proposed Bioscience Research Center favored its construction. The USDA approved the \$5.3 million that the State of Montana had provided for the Plant Growth Center to be the state match for federal dollars for the bioscience center.

To date, Congress has appropriated \$3,369,780 towards the \$8 million federal project goal (1989-90, \$239,590; 1990-91, \$1,212,500; 1991-92, \$1,030,140 and 1992-93, \$887,550). The remaining \$2.7 million state match is being raised in the MSU Second Century Campaign. Currently, \$600,000 has been pledged to the Bioscience Research Center.

We are asking Congress to appropriate \$4,630,220 to complete this project in FY93. We anticipate acquiring from private sources the remaining \$2.1 million by early 1995, at which time we will request that the Montana Legislature approve construction in 1995.

## WDA AGENDA BRIEF

**MEETING DATE:** July 5 - 8, 1993  
**AGENDA ITEM:** 7.0  
**PRESENTER:** Ronald S. Pardini  
**AGENDA ITEM TITLE:** Nevada State Report  
**BACKGROUND INFO:** None

The renovation of the Fleischmann Agricultural Building first floor is underway and completion is scheduled for January 1, 1994. This facility will house a core environmental analysis laboratory and a separate gas-chromatograph mass spectrometer laboratory. In addition, modernized faculty research laboratories will be provided. We feel good about saving this upgrade during a period of declining budget.

The College of Agriculture reorganization has been approved by our board of regents. For your information, this re-organization condenses six departments; (Ag. Econ., Ag. Education, Animal Science, Biochem., Plant Sci., Range, Wildlife and Forestry,) and one school, (Veterinary Medicine) into three larger departments and one school as follows:

1. Ag. Econ.
2. Environmental and Resource Science
3. Biochemistry
4. School of Veterinary Medicine

To accommodate this re-organization, members of the Plant Science faculty have joined the departments of Biochemistry, Environmental and Resource Science and Ag. Econ. Animal Science faculty will join the School of Veterinary Medicine; and Ag. Education faculty will join the College of Education.

In addition, community-based Extension faculty will separate from the College of Agriculture Administration into Nevada Cooperative Extension and be administered into four units based on location as follows:

- Central Extension Area
- Northeast Extension Area
- Southern Extension Area
- Western Extension Area

## WDA AGENDA BRIEF

**Meeting Date:** July 6, 1994

**Agenda Item:** 7.0

**Presenter:** H. Paul Rasmussen

**Agenda Item Title:** State Report for Utah

**Background Information:** \_\_\_\_\_

The new president has initiated efforts to convert from Quarters to Semesters. The discussions on campus have been heated and a decision on the change has been postponed to the September.

Provost Karen Morse has accepted a position as President of Western Washington University effective July 1, 1994. The Dean of Engineering has been appointed acting provost until a national search identifies a new provost.

Our Land Grant Days program this year will focus on the conflict of range utilization. Dates are September 27 and 28. We invite any of you to attend.

Our international program efforts included satellite television meetings between USU, Poland and Morocco. The initial reaction was very positive.

Salary increases in Utah this year were 3.5% average.

Construction has started on a new Science and Engineering Library.

The UAES and Cooperative Extension Service are cooperating in a regularly scheduled televised update on research from USU. The programs will focus on specific parts of the state and on specific problems as identified by agents in those counties.

**Action Requested:** None

**Action Taken:** None

## WDA AGENDA BRIEF

**Meeting Date:** \_\_\_\_\_  
**Agenda Item:** 7.0  
**Presenter:** James J. Zuiches  
**Agenda Item Title:** Washington State Report  
**Background Information:** \_\_\_\_\_

### Washington State Report

1. State budget for 1993-95 biennium resulted in a 6.2% reduction for WSU and 5.9% reduction in the Agricultural Research Center. No salary increases are expected during this next biennium.

Program reductions approved by the University and Regents included eliminating (1) the poultry program at Puyallup and Pullman, (2) vacant positions in 12 units, and (3) research support in 6 units.

2. Personnel Changes

Dr. Larry James, interim director of Cooperative Extension, has been appointed Director of Academic Programs and Associate Dean of CAHE. Harry Burcalow, assistant director for Extension Agriculture and Natural Resource Programs, has been appointed Interim Director of Cooperative Extension.

CAHE has offered faculty an opportunity to convert from 11 months to 9 months (annual to academic year) at 10/11th salary. About a dozen faculty have chosen to do so.

3. Faculty in the ARC set a new record in the acquisition of \$16.7m in external grants and contracts, a 15.1% increase over 1992. Overall, the CAHE passed \$20.7m, a 7.6% increase.
4. Dr. Vickie McCracken, Ag Economics, and Dr. Rich Alldredge, chair of the Statistics Program, have been selected for the SAES Leadership program.

Briefs.doc

### **Action Requested:**

### **Action Taken:**

# WDA AGENDA BRIEF

**Meeting Date:** July 5-8, 1993

**Agenda Item:** 7.0

**Presenter:** Al Gale

**Agenda Item Title:** Wyoming State Report

**Background Information:** None

At the time of this report, the College of Agriculture, University of Wyoming is still in the interview process for a Dean of the College of Agriculture. Eldon Ortman, associate director of the experiment station at Purdue University is returning for another interview. I will update WAAESD at our summer meeting in regard to the Dean situation.

We are still involved in the resource allocation process that the University conducted two years ago. During the process the Wyoming Agricultural Experiment Station has been designated to make 10% of our budget available university-wide for competitive grant proposals. I was hoping that our budget situation would improve and the reallocation process would be forgotten but it appears it will be carried out.

I provided a tentative salary report at our spring meeting and expressed a concern about legislative micro-management. I am enclosing the following table that is indicative of my concern.

## FULL-TIME SALARY ADJUSTMENTS

The following schedule indicates the salary level and adjustments provided by the legislation:

Salary Level	Adjustment to Salary Base	Implementation Date	FY 1994 Increase
Less than \$20,000/year	\$1,008	October 1, 1993	\$756
\$20,000 to \$24,999	1,008	January 1, 1994	504
\$25,000 to \$29,999	804	January 1, 1994	402
\$30,000 to \$34,999	600	January 1, 1994	300
\$35,000 to \$39,999	408	January 1, 1994	204
\$40,000 to \$44,999	204	January 1, 1994	102
\$45,000/year or greater	108	January 1, 1994	54

All adjustments to the salary base will be permanent increases reflected in the annual salaries for future years.

Needless to say, some of our faculty are happy with a \$54 dollar increase they will be receiving, effective January 1, 1984. University employees will also receive an increase of \$20/month paid toward their health insurance program on January 1, 1994. I would point out that our fiscal budget year is from July 1 through June 30. The college budget, with exception of salaries, is level for FY 1994.

We continue to obtain high marks for College Reflections magazine and our Ag News newsletter.

With exception of our budget, everything appears to be going well.

**DRAFT****Rules of Operation****Board on Agriculture**

**National Association of State Universities  
and Land Grant Colleges**

**February, 1993**

## Preamble

The NASULGC Board on Agriculture had its origin in 1887 with the establishment of the Association of American Agricultural Colleges and Experiment Stations. In 1919, when that Association became the Association of Land Grant Colleges, a Section of Agriculture was established along with Sub-Sections for Experiment Stations, Agricultural Extension and Agricultural Instruction. This terminology for Agriculture remained through the Association's name change in 1926 to the Association of Land Grant Colleges and Universities. The term Division of Agriculture came into use in 1946 and remained until 1992. In 1963 the Association changed its name once more to the National Association of State Universities and Land Grant Colleges.

In 1992, the Division of Agriculture became the Board on Agriculture, in a reorganized NASULGC. Also, in the 1992 organizational structure, the Board on Agriculture became one of five Boards comprising the new NASULGC Commission on Food, Environment and Renewable Resources (CFERR). The other four boards of CFERR are:

Home Economics  
Natural Resources  
Oceans and Atmosphere  
Veterinary Medicine

Other changes in terminology resulting from the recent NASULGC reorganization are:

- The former Division of Agriculture Board of Directors is now the Board on Agriculture Executive Committee.
- The former Division of Agriculture Executive Committee became the Board on Agriculture Steering Committee.
- The Council of Administrative Heads of Agriculture will be the Administrative Heads Section (AHS).
- The NASULGC Senate was replaced by the NASULGC Assembly.
- The NASULGC Executive Committee became the NASULGC Board of Directors.

The Section titles within the former Division of (now Board on) Agriculture remain:

ESS - Experiment Station Section  
CES - Cooperative Extension Section  
APS - Academic Programs Section  
IAS - International Agriculture Section

## **Rules of Operation**

### **NASULGC Board on Agriculture**

#### **Article I - Purpose**

The purpose of this Board shall be the promotion of agriculture in all its phases (food, environment, agriculture, natural resources, international) in the State Universities and Land-Grant Colleges of the several states of the Union, the District of Columbia, the Commonwealth of Puerto Rico, and the Territories of Guam and the Virgin Islands through the formulation of such plans, policies, and programs as may tend to make the member Sections of the Board more effective in their work.

#### **Article II - Membership**

**Section 1. Voting Members.** Each member institution shall have a maximum of five voting members who are the following agricultural program administrators at each institution as designated by the institutional chief executive:

- Administrative Head of Agriculture
- Director, Experiment Station
- Director, Cooperative Extension
- Director, Academic Programs
- Director, International Agriculture Programs

**Section 2. Non-Voting Members.** Other members of this Board shall have all privileges of membership except the right to vote.

#### **Article III - Organization**

**Section 1. Sections of the Board.** The Board on Agriculture shall consist of five Sections:

- Administrative Heads Section (AHS)
- Experiment Station Section (ESS)
- Cooperative Extension Section (CES)
- Academic Programs Section (APS)
- International Agriculture Section (IAS)

Members of the Board shall be eligible for membership in one or more of the Sections, but member institutions shall be limited to one vote in each Section.

Each Section shall elect its Chairperson and Secretary and such other officers as it deems appropriate.

**Section 3. Governance of the Board.** The Board shall be governed by an Executive Committee, a Steering Committee and officers with the powers and responsibilities as herein delegated or otherwise authorized by the membership.

The Executive Committee, as the governing body of the Board, takes appropriate action on key matters affecting the interests of the member institutions, and is responsible to the Association for the management of Board affairs. The Executive Committee's Steering Committee is empowered to act on behalf of the Executive Committee at those times and under those circumstances in which the Board Chairperson considers it impractical or unnecessary to convene the Executive Committee. Their actions shall be submitted for ratification at the next meeting of the Executive Committee.

**A. Executive Committee**

**1. Voting Members:**

- Immediate Past Chairperson of the Board.
- Administrative Heads Section - Chairperson, Immediate Past Chairperson, Chairperson-Elect and Board Liaison to the Council for Agricultural Research, Extension and Teaching (CARET).
- Academic Programs Section - Chairperson, Chairperson-Elect and one Representative as defined by Section Rules of Operation.
- Experiment Station Section - Chairperson, Chairperson-Elect and one Representative as defined by Section Rules of Operation.
- Cooperative Extension Section - Chairperson, Chairperson-Elect and one Representative as defined by Section Rules of Operation.
- International Agriculture Section - Chairperson, Chairperson-Elect and one Representative as defined by Section Rules of Operation.
- Board Budget Committee - Chairperson and Chairperson-Elect.
- Board Legislative Committee - Chairperson.
- Representative for Non-Land Grant Institutions (One elected at large upon being nominated by the Board on Agriculture Nominating Committee).

- NASULGC Board on Veterinary Medicine - One Voting Representative.
- Section on Forestry of the NASULGC Board on Natural Resources - One Voting Representative.
- NASULGC Board on Home Economics - One Voting Representative.
- 1890 Research Directors - One Voting Representative.
- 1890 Extension Administrators - One Voting Representative.

## 2. Non-Voting Members

- A NASULGC Institutional Chief Executive serving on the NASULGC Board of Directors - three year term appointed by the Chairperson of the Association.
- One Representative each of the CFERR Board on Natural Resources and the CFERR Board on Oceans and Atmosphere, designated by their respective Boards.
- Director of Federal Relations, Agriculture (NASULGC)

## 3. Meetings

The Executive Committee shall meet at least twice a year and one meeting shall be at the NASULGC Annual meeting. Additional meetings may be called by the Chairperson as necessary.

## 4. Vacancies

If a member of the Executive Committee is unable to serve, a replacement shall be designated by the appropriate unit. Replacements shall serve until the position can be filled by an election at the succeeding annual meeting of the Association.

## B. Steering Committee

The Steering Committee of the Board shall be constituted by members from the Executive Committee as follows:

- Chairperson

- **Chairperson-Elect**
- **Past Chairperson**
- **Vice Chairperson**
- **Secretary**
- **Chairperson, ESS**
- **Chairperson, CES**
- **Chairperson, APS**
- **Chairperson, IAS**
- **1890 Research Representative or 1890 Extension Representative (to alternate each year).**
- **The Institutional Chief Executive who is the Representative of the NASULGC Board of Directors.**
- **A Representative of Veterinary Medicine or Forestry or Home Economics, to rotate year by year in the before - mentioned order.**

### **C. Officers**

The officers for the Executive Committee and for the Board on Agriculture shall be as follows: Chairperson, Chairperson-Elect, Vice Chairperson, Secretary and Past Chairperson.

1. The officers of the Board shall also be the officers of the Executive Committee and of the Steering Committee.
2. If the Chairperson of the Board is unable to serve, the Chairperson-Elect shall assume the duties of the office.
3. If the Secretary is unable to serve, the Chairperson shall designate an Acting Secretary from the Executive Committee.

**Section 4. Board Representation on the CFERR Executive Committee.** The Board shall have two representatives on the CFERR Executive Committee: 1) the Board chair during the year that he or she is Board Chair; and 2) a Section Representative who shall serve for a three-year term and shall be one of the three representatives on the Board on

Agriculture Executive Committee from either the Cooperative Extension Section, or the Experiment Station Section, or the Academic Programs Section or the International Agriculture Section; the assignment will rotate among those four sections every three years in the before - mentioned order. The Board on Agriculture Representative to the CFERR Executive Committee shall also be a CFERR representative on the NASULGC Assembly.

If a 3-year Representative to the CFERR Executive Committee is unable to serve, the Chairperson of the Board shall designate a replacement to serve until a successor can be chosen in accordance with the Rules of Operation of the relevant Section.

Section 5. Board Representation through CFERR to the NASULGC Assembly. In addition to the Board on Agriculture 3-year representative on the CFERR Executive Committee, the Board shall have a second representative (through CFERR) on the NASULGC Assembly. Every three years, the Board shall designate to CFERR a representative from the Board on Agriculture Executive Committee to serve on the NASULGC Assembly as one of the ten CFERR representatives on the Assembly. This representative on the NASULGC Assembly shall be one of the three members of the Board on Agriculture Executive Committee from either the Experiment Station Section, or the Academic Programs Section, or the International Agriculture Section or the Cooperative Extension Section; the assignment will rotate among those four Sections in the before - mentioned order. (Attachment 1. shows the projected order of rotational assignments to the CFERR Executive Committee and the NASULGC Assembly through the year 2004).

Section 6. Duties of the Executive Committee. The Executive Committee shall:

- A. Be the official channel of communication to the Association Board of Directors relating to affairs pertaining to the purpose of the Board.
- B. Plan the Board program for the NASULGC annual meeting and through the Board Vice Chairperson, arrange the scheduling of Board and Section sessions at the annual meeting in cooperation with the Association President.
- C. Set the agenda for the annual Board business meeting which is held at the NASULGC annual meeting.
- D. Receive reports of the Board and Sections, and the committees of the Board.
- E. Recommend needed changes in the Rules of Operation and approve all changes before submitting them to the membership for vote.
- F. Make recommendations to the Board of Directors of the Association and to Association Commissions and Councils through the designated officers.

**Section 7. Duties of the Officers of the Executive Committee**

**A. The Chairperson shall:**

1. **Preside at the Board meetings and call and preside at the Executive Committee and Steering Committee meetings.**
2. **Carry out other duties as the Executive Committee may prescribe**
3. **Appoint committees of the Board.**

**B. The Chairperson - Elect of the Board normally shall be the immediate Past Chairperson of the Administrative Heads Section and shall succeed to the positions of Board Chairperson and Board Past Chairperson in subsequent years. The Chairperson-Elect shall fulfill the duties of the Chairperson in the absence of the Chairperson.**

**C. The Vice Chairperson shall chair the Annual Meeting Program Committee of the Board.**

**D. The Secretary shall, in cooperation with NASULGC staff,**

1. **Record the minutes of the Board meetings and meetings of the Executive and Steering Committees and provide members of the Executive Committee with a copy of the minutes of the meetings.**
2. **Supervise the maintenance of permanent records of the Board and reports of Board committees and other records determined by the Executive Committee as pertinent to the business of the Board.**
3. **Arrange for materials of the Board for the published proceedings of the annual meetings of the Association to be transmitted to the President of the Association.**
4. **Assist NASULGC staff to publish a directory of the officers and committees of the Board and notify the President of the Association of election of representatives of the Board to the NASULGC Assembly; of officers of the Board and sections and the regional organizations; and of personnel appointed to committees of the Board and Sections.**
5. **Notify the Chairperson of each Section concerning the elections for the year and the schedule of nominations for officers required by the Board from the Section, also of any nominations to other units of the Association required in that year.**

6. The Secretary succeeds to the position of Vice-Chair of the Board in the year subsequent to his or her term as Secretary.
7. The position of Secretary shall rotate annually among the following four Sections in the order listed:

- CES
- ESS
- APS
- IAS

Attachment 2. of these Rules shows the projected rotation for Secretary and Vice Chairperson through 2004.

**Section 8. Duties of the Board Representatives on the NASULGC Assembly and the CFERR Executive Committee**

- A. The representatives to the NASULGC Assembly and the CFERR Executive Committee shall represent the Board and the Sections in Association matters, and report to the Board Executive Committee on relevant activities of CFERR and the NASULGC Assembly.

**Article IV - Board Committees**

**Section 1.** The Chairperson of the Board is authorized to appoint from the membership of the Association such committees as are necessary to carry out the purpose of the Board. All such appointments shall be for one year, terminating at the annual meeting of the Association. Reappointment of committee members shall be at the discretion of the Chairperson.

**Section 2.** The committees of the Board shall include the following standing committees: the Annual Meeting Program Committee, the Legislative Committee, the Budget Committee and the Nominating Committee. Ad hoc committees will be appointed by the chairperson of the Board as needed.

**Section 3.** The Annual Meeting Program Committee is responsible for planning the program of the Board, and encouraging joint meetings with other elements of the Association during the annual meeting of the Association. The Vice Chairperson of the Board shall be the Chairperson of the Committee and representation shall be included from the Sections of the Board. One member of the Annual Meeting Program Committee shall be named to the CFERR Committee on Activities.

**Section 4.** The Legislative Committee shall monitor all of the significant legislative proposals, as well as rule-making actions of the Congress and of the Executive Branch

of the federal government and shall propose and/or coordinate action. The Committee will be chaired by a member of the Administrative Heads Section and its membership shall include representation from all units represented on the Executive Committee. Two members of the Board Legislative Committee shall be named to represent the Board on the Legislative Committee of CFERR.

Section 5. The Budget Committee is responsible for the preparation of an annual budget recommendation for those matters relating to agriculture and related areas that are of special concern to the member institutions, and for coordinating the presentation of these estimates in timely fashion to the Board Executive Committee and the NASULGC Board of Directors. The Committee will also coordinate the presentation of its recommendations to USDA, the Office of Management and Budget (OMB), CARET, the House of Representatives, the Senate of the United States, and other individuals or groups as deemed appropriate by the Budget Committee.

The Chairperson shall be a member of the Administrative Heads Section, and the Committee shall include one representative each from the Academic Programs Section, Experiment Station Section, Cooperative Extension Section, International Agriculture Section, and one representative each from Home Economics, Forestry, Veterinary Medicine, Council for Agricultural Research, Extension and Teaching, 1890 Extension Administrators, 1890 Research Directors, and such other representative(s) as deemed appropriate. The Director of Federal Relations for Agriculture at NASULGC, will serve as Secretary of the Committee. Two members of the Board Budget Committee shall be named to represent the Board on the CFERR Budget Committee.

Section 6. The Nominating Committee is appointed annually by the Chairperson of the Board, and is responsible for preparing a slate of nominees for Chairperson-Elect, Chairperson, Vice Chairperson, Secretary, and one Member-At-Large representing the Non-Land Grant institutions.

Section 7. The committees of the Board shall report their activities at each meeting of the Executive Committee and once a year, at the annual Board business meeting. The chairperson of each of the standing and ad hoc committees shall provide a written report of committee activities to the Board members.

#### **Article V - Meetings**

Section 1. The annual meeting of the Board shall be called by the Chairperson at the time of the annual meeting of the National Association of State Universities and Land-Grant Colleges. Other meetings may be held upon call of the Chairperson.

#### **Article VI - Amendments**

Section 1. These Rules of Operation may be amended by a two-thirds majority of the

voting members present at any annual meeting of the Board, provided the proposed changes have been presented to the membership at least thirty days prior to the meeting.

**NASULGC Board on Agriculture**  
**February, 1983**

**Schedule of Rotations through 2004  
for Board on Agriculture Representatives to CFERR Executive Committee  
and NASULGC Assembly**

<b>YEAR</b>	<b>Double Appointment: CFERR Executive Committee/ NASULGC Assembly</b>	<b>NASULGC Assembly Only</b>
1993	CES	ESS
94	CES	ESS
95	CES	ESS
<hr/>		
96	ESS	APS
97	ESS	APS
98	ESS	APS
<hr/>		
99	APS	IAS
2000	APS	IAS
01	APS	IAS
<hr/>		
02	IAS	CES
03	IAS	CES
04	IAS	CES

**Rotations for Board on Agriculture  
Vice Chairperson and Secretary Thru 2004**

<b>YEAR</b>	<b><u>Board Vice Chairperson</u></b>	<b><u>Board Secretary</u></b>
1993	Chair, IAS	Chair-Elect, CES
94	Chair, CES	Chair-Elect, ESS
95	Chair, ESS	Chair-Elect, APS
96	Chair, APS	Chair-Elect, IAS
97	Chair, IAS	Chair-Elect, CES
98	Chair, CES	Chair-Elect, ESS
99	Chair, EES	Chair-Elect, APS
2000	Chair, APS	Chair-Elect, IAS
01	Chair, IAS	Chair-Elect, CES
02	Chair, CES	Chair-Elect, ESS
03	Chair, ESS	Chair-Elect, APS
04	Chair, APS	Chair-Elect, IAS

## APPENDIX VII

RESEARCH IMPLEMENTATION COMMITTEE  
REPORT

RIC met Monday, July 5, 1993, at the Jackson Lake Lodge in Moran, WY. Members present were: H. P. Rasmussen (Chair), W. D. Carlson, R. C. Heimsch, G. A. Mitchell, W. R. Nave, and R. S. Pardini. Others participating: R. D. Heil (W. Executive Director), B. Jacobsen (MT), G. Vest (UT), R. Sidwell (UT), J. Jacobs (WY), and H. Sykes (Office of the W. Executive Director).

1.0 THE FOLLOWING REGIONAL RESEARCH PROJECTS AND COORDINATING COMMITTEES NOT MARKED WITH + or ✓ ARE CURRENTLY SCHEDULED TO TERMINATE ON OR BEFORE SEPTEMBER 30, 1993

- + W-102 Integrated Methods of Parasite Control for Improved Livestock Production (see agenda item 2.1)
- + W-126 Integration of Physiological and Morphological Criteria for Alfalfa Breeding (converting to WRCC-91 effective 10/1/93)
- ✓ W-166 Characteristics and Feed Value of Barley and Western Protein Supplements for Swine (see agenda item 3.1)
- + W-168 Seed Quality Investigations (see agenda item 3.2)
- ✓ W-180 Identification, Behavioral Ecology, Genetics and Management of African Honey Bees (see agenda item 3.3)
- + IR-4/NRSP-4 A National Agricultural Program: Clearances of Chemicals and Biologics for Minor or Special Uses (see agenda item 3.4)
- + WRCC-23 Textile and Clothing Research Coordination (see agenda item 6.1)
- + WRCC-24 Diseases and Pests of Grape Crops (see agenda item 6.2)
- + WRCC-46 Etiology, Diagnosis, Control and Treatment of Epididymitis and Foot Rot of Sheep (see agenda item 6.3)
- + WRCC-51 Application Technology Related to Plant Protection and Pest Management (see agenda item 6.4)
- + WRCC-58 Production, Transition Handling, and Reestablishment of Perennial Nursery Stock (see agenda item 6.5)
- + WRCC-59 Influence of Water Quality on Poultry Performance (see agenda item 6.6)
- + WRCC-76 The Impacts of Immigration Reform on U.S. Agriculture (see agenda item 6.7)
- + WRCC-77 Biology and Control of Winter Annual Grass Weeds in Dryland Winter Wheat (see agenda item 6.8)
- + WRCC- Interactions Among Bark Beetles, Pathogens, and Conifers in North American Forests (see agenda item 4.2)
- + WRCC- Evaluation of Methods to Control Rodent Damage to Hay, Range, and Grain Crops (see agenda item 7.2)

2.0 REQUESTS FOR PROJECT EXTENSIONS

2.1 W-102 Integrated Methods of Parasite Control for Improved Livestock Production

A request for a one-year extension of W-102 was received from Administrative Advisor C. C. Kaltenschach (AZ).

RIC recommends approval of extension of W-102 "Integrated Methods of Parasite Control for Improved Livestock Production" from October 1, 1993 through September 30, 1994.

(Action of WDA: Extension Approved)

- 
- + Outlines/petitions/requests were received and considered; approved by the WDA.
  - ✓ Outlines/petitions/requests were received and considered; require further action before approval by RIC and/or the WDA.

### 3.0 REQUESTS FOR PROJECT REVISIONS

#### 3.1 W-166 Evaluation and Improvement of Barley for Food and Feed

A project outline with the above title was received from Administrative Advisor T. R. Dutson (OR).

RIC recommends approval of W-166 "Evaluation and Improvement of Barley for Food and Feed" subject to editorial changes. Should the committee not be able to accomplish the requested changes by the deadline for submission to the Committee of Nine, RIC would recommend an extension for one year, pending receipt of a letter from the Administrative Advisor outlining research remaining to be completed on the current project

(Action of WDA: Revision or Extension Approved)

#### 3.2 W-168 Seed Biology and Technology Investigations

A project outline with the above title was received from Administrative Advisor R. C. Heimsch (ID).

RIC recommends approval of W-168 "Seed Biology and Technology Investigations" for five years, from October 1, 1993 through September 30, 1998.

(Action of WDA: Revision Approved)

#### 3.3 W-180 Identification, Behavioral Ecology, Genetics and Management of African Honey Bees

A project outline with the above title was received from Administrative Advisors E. H. Erickson (ARS-AZ) and C. C. Kaltenbach (AZ).

RIC recommends deferral of W-180 "Identification, Behavioral Ecology, Genetics and Management of African Honey Bees." Should the committee not be able to accomplish the requested changes by the deadline for submission to the Committee of Nine, RIC would recommend an extension for one year, pending receipt of a letter from the Administrative Advisor outlining research remaining to be completed on the current project RIC concerns which have not been addressed since the outline was submitted in March 1993 are: the outline lacks some of the required attachments, such as signature page; citing "participant to be named" in the Resources Summary is not acceptable; and the text needs to specify which participants are doing the stated work. RIC appreciates that the committee has addressed some of their concerns and notes that the research is needed in the region.

(Action of WDA: Deferral and/or Conditional Extension Approved)

#### 3.4 NRSP-4/IR-4 A National Program to Clear Pest Control Agents for Minor Uses

A project outline with the above title was received from W. R. Woods (CSRS).

RIC recommends approval of NRSP-4/IR-4 "A National Program to Clear Pest Control Agents for Minor Uses" for five years, from October 1, 1993 through September 30, 1998.

(Action of WDA: Revision Approved)

### 4.0 REQUESTS FOR ESTABLISHMENT OF NEW PROJECTS

#### 4.1 W- Genetic Variability in the Cyst and Root-knot Nematodes

A project outline with the above title was received from Lead Administrative Advisor H. Ferris (CA-D) on behalf of WRCC-78 "Genetic Variability in Cyst and Root-knot Nematodes of the Western Region."

RIC recommends approval of W- "Genetic Variability in the Cyst and Root-knot Nematodes" for five years, from October 1, 1993 through September 30, 1998.

(Action of WDA: Establishment Approved)

4.2 W- Interactions Among Bark Beetles, Pathogens, and Conifers in North American Forests

A project outline with the above title was received from Administrative Advisor N. C. Toscano (CA-R) on behalf of the ad hoc WRCC- "Interactions Among Bark Beetles, Pathogens, and Conifers in North American Forests."

RIC recommends approval of W- "Interactions Among Bark Beetles, Pathogens, and Conifers in North American Forests" for five years, from October 1, 1993 through September 30, 1998. Before the outline is submitted to the Committee of Nine, minor editorial changes are recommended.

(Action of WDA: Establishment Approved)

4.3 NRSP- National Animal Genome Research Program

A project outline with the above title was received from W. R. Woods (CSRS).

RIC recommends conditional approval of NRSP- "National Animal Genome Research Program" for five years, from October 1, 1993 through September 30, 1998. RIC concerns are: (1) the Resources Summary should list all participants and their areas of specialization, rather than what appears to be a list of research leaders; (2) the ARS participants in Nebraska should be identified; (3) a five-year budget should be presented which shows the budget allocation for the four animal groups; (4) the Administrative Advisor from each of the regions should be appointed by each of the regional associations; (5) while RIC is charged with determining the scientific relevance of the research, the off-the-top funding for the five-year budget must be approved by the WDA.

(Action of WDA: Establishment Conditionally Approved. After the RIC concerns are met, the representatives from the WDA to the Committee of Nine are authorized to take the WDA budget concerns to the Committee of Nine and are empowered to approve off-the-top funding if the budget concerns are met.)

4.4 NRSP- A National Program to Approve Animal Drugs for Minor Species and Uses

A project outline with the above title was received from W. R. Woods (CSRS).

RIC recommends approval of NRSP- "A National Program to Approve Animal Drugs for Minor Species and Uses" for five years, from October 1, 1993 through September 30, 1998.

(Action of WDA: Establishment Approved)

5.0 REQUESTS FOR ESTABLISHMENT OF AD HOC TECHNICAL COMMITTEES

None

6.0 REQUESTS FOR WRCC RENEWALS OR EXTENSIONS

6.1 WRCC-23 Textiles and Apparel Research Coordination

A petition for a three-year renewal was received from Administrative Advisors J. A. Thompson (WA) and J. J. Zuiches (WA).

RIC recommends approval of the renewal of WRCC-23 "Textiles and Apparel Research Coordination" for three years, from October 1, 1993 through September 30, 1996.

(Action of WDA: Renewal Approved)

6.2 WRCC-24 Grape Pests and Diseases

A petition for a three-year renewal was received from Administrative Advisors H. Ferris (CA-D) and A. Lauchli (CA-D).

RIC recommends approval of the renewal of WRCC-24 "Grape Pests and Diseases" for three years, from October 1, 1993 through September 30, 1996.

(Action of WDA: Renewal Approved)

6.3 WRCC-46 Etiology, Diagnosis, Control and Treatment of Epididymitis and Foot Rot of Sheep

A request for a one-year extension was received from Administrative Advisor L. D. Koller (OR).

RIC recommends approval of a one-year extension of WRCC-46 "Etiology, Diagnosis, Control and Treatment of Epididymitis and Foot Rot of Sheep" from October 1, 1993 through September 30, 1994.

(Action of WDA: Extension Approved)

6.4 WRCC-51 Application Technology Related to Plant Protection and Pest Management

A request for a one-year extension was received from Lead Administrative Advisor W. R. Nave (ARS-CA).

RIC recommends approval of a one-year extension of WRCC-51 "Application Technology Related to Plant Protection and Pest Management" from October 1, 1993 through September 30, 1994.

(Action of WDA: Extension Approved)

6.5 WRCC-58 Production, Transition Handling, and Reestablishment of Perennial Nursery Stock

A petition for a three-year renewal was received from Administrative Advisors C. R. Johnson (WA) and J. R. Carlson (WA).

RIC recommends approval of the renewal of WRCC-58 "Production, Transition Handling, and Reestablishment of Perennial Nursery Stock" for three years, from October 1, 1993 through September 30, 1996.

(Action of WDA: Renewal Approved)

6.6 WRCC-59 Influence of Water Quality on Poultry Performance

A petition for a three-year renewal was received from Administrative Advisors B. L. Reid (AZ) and C. C. Kaltenbach (AZ).

RIC recommends approval of the renewal of WRCC-59 "Influence of Water Quality on Poultry Performance" for three years, from October 1, 1993 through September 30, 1996.

(Action of WDA: Renewal Approved)

6.7 WRCC-76 Immigration and U.S. Agriculture

A petition for a three-year renewal was received from Administrative Advisor J. J. Zuiches (WA).

RIC recommends approval of the renewal of WRCC-76 "Immigration and U.S. Agriculture" for three years, from October 1, 1993 through September 30, 1996 subject to editorial changes. The accomplishments section contains verbatim statements lifted from the previous petition and should be modified. The committee might benefit from a broader representation of disciplines, such as rural sociologists and home economists.

(Action of WDA: Renewal Approved)

6.8 WRCC-77 Biology and Control of Winter Annual Grass Weeds in Winter Wheat

A petition for a three-year renewal was received from Administrative Advisor G. A. Lee (ID).

RIC recommends approval of the renewal of WRCC-77 "Biology and Control of Winter Annual Grass Weeds in Winter Wheat" for three years, from October 1, 1993 through September 30, 1996. The RIC review expressed concern that all listed participants are weed scientists. Other discipline areas contributing to the weed biocontrol agenda (e.g., entomologists, microbiologists/plant pathologists) are not represented in the coordinating committee membership. It would also be appropriate to include participants from the disciplines of agricultural economics and sustainable agriculture as formal participants in the coordinating committee.

(Action of WDA: Renewal Approved)

7.0 REQUESTS FOR ESTABLISHMENT OF NEW OR AD HOC WRCC'S

7.1 WRCC- Research and Administrative Coordination in Animal Sciences

A petition for establishment of a coordinating committee with the above title was received from Directors J. J. Zuiches (WA) and G. A. Lee (ID).

RIC recommends approval of WRCC-94 "Research and Administrative Coordination in Animal Sciences" for three years, from October 1, 1993 through September 30, 1996.

(Action of WDA: Establishment Approved)

7.2 WRCC- Vertebrate Pests of Agriculture, Forestry, and Public Lands

A petition for establishment of a coordinating committee with the above title was received from N. C. Toscano (CA-R) on behalf of the ad hoc WRCC- "Evaluation of Methods to Control Rodent Damage to Hay, Range, and Grain Crops."

RIC recommends approval of WRCC-95 "Vertebrate Pests of Agriculture, Forestry, and Public Lands" for three years, from October 1, 1993 through September 30, 1996.

(Action of WDA: Establishment Approved)

7.3 WRCC- School-Aged Youth at Risk in Single-Parent Households

A petition for establishment of a coordinating committee with the above title was received from J. Hilton (NV) with the assistance of R. S. Pardini (NV) and H. P. Rasmussen (UT).

RIC recommends approval of WRCC-96 "School-Aged Youth at Risk in Single-Parent Households" for three years, from October 1, 1993 through September 30, 1996.

(Action of WDA: Establishment Approved)

7.4 WRCC- Cereal Diseases

A petition for establishment of a coordinating committee with the above title was received from D. Mathre (MT) on behalf of the ad hoc WRCC- "Research on Diseases of Cereals."

RIC recommends approval of WRCC-97 "Cereal Diseases" for three years, from October 1, 1993 through September 30, 1996. The RIC reviewer suggests that the committee focus on broadening committee participation, including ARS representation. The petition would be improved by a complete listing of participants, as cited in the body of petition.

(Action of WDA: Establishment Approved)

8.0 FOLLOW-UP OF AD HOC TECHNICAL AND COORDINATING COMMITTEES

8.1 WRCC- Interactions Among Bark Beetles, Pathogens, and Conifers in North American Forests (see agenda item 4.2)

8.2 WRCC- Evaluation of Methods to Control Rodent Damage to Hay, Range, and Grain Crops (see agenda item 7.2)

8.3 WRCC- Research on Diseases of Cereals (see agenda item 7.4)

9.0 ADMINISTRATIVE ADVISOR ASSIGNMENTS

The following Administrative Advisor assignments are made, pending acceptance by the designated individuals.

9.1 W-185 "Biological Control and Pest Management Systems of Plants" - B. J. Jacobsen (MT) to replace N. C. Toscano (CA-R).

9.2 WRCC-60 "Pesticide Resistance" - T. Holtzer (CO) as Lead Administrative Advisor and C. W. Laughlin (CO) as Co-Administrative Advisor to replace E. A. Bernays (AZ).

9.3 WRCC-87 "Sweetpotato Whitefly" - H. Vaux (CA-S) to replace N. C. Toscano (CA-R).

9.4 WRCC-94 "Research and Administrative Coordination Animal Sciences" - J. W. Carlson.

- 9.5 WRCC- "Interactions Among Bark Beetles, Pathogens, and Conifers in North American Forests" - D. Burns (FS-CO) as Lead Administrative Advisor and C. W. Laughlin (CO) as Co-Administrative Advisor to replace N. C. Toscano (CA-R).
- 9.6 WRCC-95 "Vertebrate Pests of Agriculture, Forestry, and Public Lands" - G. Vest (UT) as Lead Administrative Advisor and H. P. Rasmussen (UT) as Co-Administrative Advisor to replace N. C. Toscano (CA-R).
- 9.7 WRCC-96 "School-aged Youth at Risk in Single Parent Households" - to be named at a later date.
- 9.8 WRCC-97 "Cereal Diseases" - D. Mathre (MT) as Lead-Administrative Advisor and B. Jacobsen (MT) as Co-Administrative Advisor.

#### 10.0 SECOND AND FOURTH-YEAR REVIEWS OF REGIONAL PROJECTS AND COORDINATING COMMITTEES

The follow projects and coordinating committees appear to be progressing satisfactorily with good publication records, adequate resources and/or participation, and the committees are following their stated objectives:

<b>SECOND YEAR REVIEWS</b>			
<b>NO.</b>	<b>TITLE</b>	<b>ADVISOR</b>	<b>REVIEWER</b>
NRSP-1	Research Information Using the Current Research Information System (CRIS)	Briggs	Vest
W-006	Plant Genetic Resource Conservation and Utilization	Zuiches	Rasmussen
W-112	Reproductive Performance in Domestic Ruminants	Kaltenbach	Pardini
W-173	Effects of Stress Factors on Performance of Farm Animals	Kaltenbach	Sidwell
W-175	Physiological and Perceptual Relationships Between Textiles and Human Health	McHugh	Mitchell
++W-183	Improvement of Rural and Agricultural Sample Survey Methods	Zuiches	Jacobsen
W-184	Chemistry and Engineering to Minimize Irrigated Agriculture's Effects on Water Quality	Reginato	Nave
WRCC-01	Beef Cattle Breeding Research in Western Region	Sasser	Carlson
WRCC-27	Potato Variety Development	Rasmussen	Mitchell
WRCC-40	Western Rangeland Research	Laycock	Burns
WRCC-47	Climatic Data and Analyses for Applications in Agriculture and Natural Resources	Wierenga	Rasmussen
WRCC-66	Biology and Control of the Russian Wheat Aphid	Lee	Mitchell
WRCC-67	Evaluating the Transition to Sustainable Agriculture	Schlegel	Nave
WRCC-78	Genetic Variability in Cyst and Root-knot Nematodes of the Western Region	Ferris	Nave
WRCC-80	Alternative Crops for the Western Region	Daugherty	Vest

++ Review was not available at the time of the RIC meeting; to be provided later.

<b>FOURTH YEAR REVIEWS</b>			
<b>NO.</b>	<b>TITLE</b>	<b>ADVISOR</b>	<b>REVIEWER</b>
W-128	Micro-Irrigation for Optimum Crop Productivity and Minimum Groundwater Contamination	Volk	Rasmussen
W-155	Characterization and Management of Soil Water and Solutes in Field Soils	Lund	Vest
W-167	Work, Stress and Families	Helmick	Jacobs
W-170	Chemistry and Bioavailability of Waste Constituents in Soils	Lee	Heimsch
++W-171	Germ Cell and Embryo Development and Manipulation for the Improvement of Livestock	Briggs	Jacobsen

**RIC HAS SPECIFIC COMMENTS TO MAKE CONCERNING THE FOLLOWING PROJECTS AND COORDINATING COMMITTEES:**

<b>SECOND YEAR REVIEWS</b>			
<b>NO.</b>	<b>TITLE</b>	<b>ADVISOR</b>	<b>REVIEWER</b>
WRCC-37	Maximizing the Effectiveness of Bees as Pollinators of Agricultural Crops	Erickson	Burns
Based on the information presented, it would appear useful for the committee to take stock of its 13 years of work and examine how to address Objective 3 "Coordinate research efforts to evaluate plant characteristics and crop management practices as a means of maximizing pollination, and Objective 4 "Disseminate a summary of research findings by committee participants and proceedings of annual meetings to interested persons within the research community and commodity and research groups."			
WRCC-60	Science and Management of Pesticide Resistance	Bernays	Heimsch
Since 1988 WRCC-60 has met erratically for only brief periods of 3-4 hours. If WRCC-60 is to be continued, the committee should meet for about two days to report in-depth about ongoing pest resistance research being conducted at participating state experiment stations and ARS locations, to discuss and develop meaningful coordination of research within this field, and to develop a new/revised coordinating committee petition for consideration by RIC.			
WRCC-62	Decision Support Systems for Agriculture and Natural Resource Management	Reginato	Burns
The Committee appears to be meeting its objectives except perhaps for Objective 4 "To develop methodologies for implementing decision systems."			
WRCC-63	Rural Finance and Development in the West	Barron	Vest

++ Review was not available at the time of the RIC meeting; to be provided later.

The emphasis at the national, regional and state levels on rural development places this project into a very important and current area of interest. However, the committee was formed with only a few members, and with attrition and lack of attendance at meetings due to conflicts, etc., there appears not to have been a great deal of support for WRCC-63. The reviewer recommends that the committee meet with the WRSA in Tucson in February 1994 to wrap up the items in progress and with the intent of discontinuing as of its 1994 termination date. The members of this committee should investigate combining with groups such as NE-162, W-133 or other groups which have sufficient rural development and finance interest to allow the WRCC-63 participants to function within those projects.

WRCC-65	Adaptive Control of Surface Irrigation Systems	James	Jacobs
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The participation on this project is difficult to assess. No minutes were submitted for 1991 and 1992. No AA Evaluation was submitted for 1992. RIC notes that there is a need to have the Co-Administrative Advisor follow up with the Lead-Administrative Advisor in resolving these concerns.

WRCC-79	Grazing Animal Behavior and Nutritional Status of Domestic Ruminants	Koong	Sidwell
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The latest reported WRCC-79 meeting was held in July 1992. Of the 16 institutions involved in this project, 15 were represented at the meeting, with a total of 18 attendees. This is an excellent participation to the annual meeting. However, a number of reports (meeting minutes, AA Evaluations) have not been submitted. RIC requests that the Co-Administrative Advisor work closely with the Lead-Administrative Advisor to ensure that required reports are submitted.

WRCC-81	Systems to Improve End-Use of Small Grains	Betschart	Mitchell
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The 1992 annual meeting of WRCC-81 was held in conjunction with the Western Society of Crop Science. While this allows broader participation and peer input beyond the committee itself, the committee has two responsibilities, regional science and regional committee business. The 1992 meeting appeared to simply be a symposium of presentations of participant research without appropriate discussion of the regional collaboration, objectives, or future committee plans.

WRCC-82	Natural Product Chemistry as a Resource for Biorational Methods of Insect Control	Pardini	Sidwell
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The latest WRCC-82 meeting was held in January 1993. Of the 14 total participants involved in the project, only 7 attended the meeting. The inclusion of additional participating scientists would be beneficial. The project appears to be directly in line with recent USDA priorities for sustainable agriculture and should be continued. In view of the importance of this work in coordinating with those current priorities, the involvement of all participants is strongly urged.

#### FOURTH YEAR REVIEWS

NO.	TITLE	ADVISOR	REVIEWER
W-045	Persistence of Pesticide Residues: Transport, Fate and Effects	Pardini	Heimsch

Annual reports for the project have not been properly prepared, e.g., reporting period for an annual report was omitted, names and signatures of the chairperson and administrative advisor were not included, and some publication citations are incomplete and do not include titles. Should the committee intend to revise the project for continuation beyond 9/30/94, the reviewer recommends that more participants be added to this timely and important regional research project and that the revision be more tightly focused on research areas that will actually be addressed under the revision.

W-082	Pesticides and Other Toxic Organics in Soil and Their Potential for Groundwater Contamination	Kefford	Jacobs
<p>The SY commitment and participation has been very good. However, two states have not been participating and four other states have reported participation levels which are below the level initially specified. As a result, the personnel commitments would suggest that three states are providing the majority of the effort for this project. Based upon the annual reports and publication record, this project has been very productive. However, the types of publications and accomplishments suggest that more emphasis may need to be placed on Objective 3. More emphasis may need to be placed on management approaches to reduce soil and water contamination from pesticides and toxic organics. W-045, W-082 and W-128 could consider interacting.</p>			
W-154	Water and Carbon Economy of Plants in Relation to Rhizospheric and Atmospheric Dynamics	Rasmussen	Nave
<p>The objectives of the committee are well defined and a great deal has been accomplished during the past four years. However, attendance and participation have been decreasing in recent years and there has been discussion about changing to a WRCC or terminating the project.</p>			
W-169	Minimizing Occupational Exposure to Pesticides	Johnson	Pardini
<p>No annual report for 1992 was available. In the previous three years, membership on the technical committee has declined. Although remaining individual scientists are productive, it appears that the research objectives are not being met.</p>			
W-181	Regulation of Lipid Metabolism in High Producing Dairy Cattle	Pardini	Carlson
<p>This is important research to the dairy industry. Concerns are: a lack of attendance at meetings, perhaps due to travel funds not being provided; small bottom line rewards for participants; limited direct research dollars available to participants; loss of some leadership in the West. The committee might consider moving the project to a different region, such as North Central.</p>			

## 10.0 OTHER BUSINESS

None

Administrative Advisor Assignments										
Administrative Advisor	Projects				NRSP/IR	Western Research Coordinating Committees				
	Western Regional									
•• Ax, R. (AZ)						WRCC-39+				
•• Barron, J. (WA)						WRCC-63+				
• Bell, E. (FS-CA)	W-133+									
•• Betschart, A. A. (ARS-CA)						WRCC-81+				
Briggs, D. M. (NM)	W-171				NRSP-1†	WRCC-72‡				
•• Brink, K. M. (CO)						WRCC-11+				
Brown, R. J. (UT)	W-143									
• Burns, D. (FS-CO)						WRCC-93+	WRCC-BarkBeetles‡			
Carlson, J. R. (WA)						WRCC-43‡	WRCC-58‡	WRCC-63‡	WRCC-84	WRCC-94
Cunningham, G. (NM)	W-178					WRCC-80‡	WRCC-90			
•• Daugherty, L. A. (NM)						WRCC-80+				
Dutson, T. R. (OR)	W-166	W-177				WRCC-79‡				
• Erickson, G. H. (ARS-AZ)	W-180+					WRCC-37+				
•• Ferris, H. (CA-D)						WRCC-24+	WRCC-78+			
Gale, A. (WY)						WRCC-21	WRCC-40‡			
Gardner, W. (CA-B)						WRCC-81‡				
•• Goetz, H. (CO)						WRCC-55+				
Heimsch, R. (ID)	W-122	W-168								
Helmick, S. (OR)	W-167	W-176								
•• Holtzer, T. (CO)						WRCC-60+				
Jacobsen, B. (MT)	W-185					WRCC-69	WRCC-89+	WRCC-97‡		
•• James, L. (WA)						WRCC-65+				
Jensen, M. (AZ)	W-130					WRCC-20‡	WRCC-47‡	WRCC-60‡		
•• Johnson, C. R. (WA)						WRCC-58+				
• Johnson, P. E. (ARS-CA)	W-169+									
Kaltenbach, C. C. (AZ)	W-102	W-112	W-173	W-180‡		WRCC-37‡	WRCC-39‡	WRCC-59‡		
Kefford, N. P. (HI)	W-082									
Kotler, L. D. (OR)						WRCC-46				
•• Koong, L. J. (OR)						WRCC-79+				
Lauchli, A. (CA-D)					IR-4/ NRSP-4‡	WRCC-24‡	WRCC-78‡			
Laughlin, C. W. (CO)					NRSP-3+	WRCC-60‡	WRCC-BarkBeetles‡			
•• Laycock, W. A. (WY)						WRCC-40+				
Lee, G. A. (ID)	W-147	W-170				WRCC-66‡	WRCC-77			
•• Leigh, J. (NV)						WRCC-83+				
•• Long, G. (WA)						WRCC-43+				
Lund, L. J. (CA-R)	W-155	W-184‡								
•• Mathre, D. E. (MT)						WRCC-89+	WRCC-97+			
•• McHugh, H. F. (CO)	W-175	W-182				WRCC-11‡	WRCC-55‡			

- USDA research administrators
- Other research administrators
- + Designates Lead-Administrative Advisor in a project with Co-Administrative Advisor
- ‡ Designates Co-Administrative Advisor in a project with Lead-Administrative Advisor

Administrative Advisor Assignments									
Administrative Advisor	Projects				NRSP/IR	Western Research Coordinating Committee			
	Western Regional								
Mitchell, G. A. (AK)	W-126					WRCC-91			
• Nave, W. R. (ARS-CA)						WRCC-51+			
•• Nelson, M. R. (AZ)						WRCC-20+			
•• O'Keeffe, L. E. (ID)						WRCC-66+			
Pardini, R. (NV)	W-045	W-181				WRCC-82	WRCC-83‡	WRCC-85‡	WRCC-88
Rasmussen, H. P. (UT)	W-150	W-154				WRCC-27	WRCC-86	WRCC-95‡	
• Reginato, R. J. (ARS-CA)	W-184+					WRCC-62+			
•• Reid, B. L. (AZ)						WRCC-59+			
•• Robbins, L. (NM)						WRCC-72+			
Sasser, G. (ID)	W-102					WRCC-01			
Schlegel, D. E. (CA-B)						WRCC-62‡	WRCC-67		
•• Seemann, J. (NV)						WRCC-85+			
•• Thompson, J. (WA)						WRCC-23+			
Vaux, H. (CA-R)	W-133‡					WRCC-87			
•• Vest, G. (UT)						WRCC-95+			
Volk, V. V. (OR)	W-128				NRSP-6‡				
Webster, R. K. (CA-S)	W-169‡					WRCC-51‡			
Weiser, C. J. (OR)						WRCC-17			
•• Wierenga, P. J. (AZ)						WRCC-47+			
Zuiches, J. J. (WA)	W-006	W-106	W-183		NRSP-5‡	WRCC-23‡	WRCC-65‡	WRCC-76	

- USDA research administrators
- Other research administrators
- + Designates Lead-Administrative Advisor in a project with Co-Administrative Advisor
- ‡ Designates Co-Administrative Advisor in a project with Lead-Administrative Advisor

**WDA AGENDA BRIEF**

**Meeting Date:** JULY 6-8, 1993  
**Agenda Item:** 10.3  
**Presenter:** V. VOLK  
**Agenda Item Title:** ADMINISTRATIVE ADVISOR TRAINING  
**Background Information:**

At the Reno, 1993 meeting of the WDA, R. Heil, H. McHugh, and V. Volk were asked to investigate an Administrative Advisor (AA) training program.

**SITUATION:** Administrative Advisors accept Committee responsibilities with good intention to attend meetings, submit reports, and provide counsel as needed. Most Administrative Advisors fulfill their responsibilities well, but concerns have arisen that some committees have not received appropriate Administrative Advisor attention.

Multiple reasons for the deficiency exist, but most orient around insufficient time, lower priority activity, lack of personal interest, and not properly informed about the responsibilities. The responsibilities of the Administrative Advisor are well documented in the Western Director's Handbook, but this information may not have been relayed to Department Heads or other agency participants.

Training programs can help address the information shortfalls and assist in stressing the importance of AA responsibilities, but individuals must make a commitment to provide the leadership.

The issue of AA performance was discussed by the Committee of Nine and the problem considered sufficient to have a training and information video prepared. This video will provide the framework for regional research programs and describe responsibilities for all participants. The final video program has not been formatted, but should serve as an excellent base for regional training efforts. Dr. Walt Woods, CSRS, is providing the leadership for the video with consultation from Committee of Nine. Information which was previously developed by the Western Region has been provided to CSRS. The video is scheduled for completion in the Fall, 1993.

A special workshop with representation from: C/9, the Executive Directors, Regional Research Committees, CSRS, and ARS will be held in September 1 and 2, probably in Kansas City, MO. This workshop is designed to develop recommendations for regional research project management, review and evaluation, funding, and mission/vision for the future. The discussion will include the role and effectiveness of administrative advisors.

**Recommendations:**

1. Administrative Advisors with insufficient time or interest to fulfill responsibilities request removal from AA positions.
2. Each Director insure that Department Heads who serve as Co-AA's are well informed about their responsibilities.
3. Representative from C/9 meet with each Regional Research Committee to discuss problems, opportunities, and directions.

4. Prepare a training outline and fact sheet for Directors and the Executive Director to use in AA training sessions after the video has been prepared and recommendations (hopefully implementation) are proposed from the Regional Research workshop. The sessions could focus on AA's, but other Department Heads could also participate to educate themselves about the Regional Research program and policies within a state. Either the Director or Executive Director could provide workshop leadership.
5. Executive Director to provide for overall coordination of individual state training programs.

**WRDC PROGRAM ACTIVITIES 1992-93***Extension*

**ISTEA - Source of funding<sup>1</sup>: USDA/Agricultural Marketing Services plus WRDC match**

Organized and facilitated two regional workshops to disseminate information on rural and small urban aspects of the Intermodal Surface Transportation Efficiency Act. Over 125 state and federal DOT personnel, national and regional Forest Service staff, county commissioners, city and transit authority administrators, planners, engineers, tribal officials, etc. attended each of the two day workshops held in Denver, CO and Boise, ID. Each of the other regional RD Centers also conducted two workshops.

**FARM\*A\*SYST - Source of funding: EPA plus WRDC match**

Organized two regional workshops to train western extension educators and other agency personnel in a voluntary farmstead assessment system called Farm\*A\*Syst. Program developed in Wisconsin and Minnesota under program of NCRCRD. The close to 100 total participants gained greater awareness of possible farmstead drinking water contaminants, learned the step-by-step process to assess the potential for groundwater contamination, and identified actions to take to protect drinking water. One extension participant at the training has developed an Oregon version of the program. The other three Centers also supported Farm\*A\*Syst workshops in their regions.

**WYO-MON-DAK Community Development Conference - (WRDC and NCRCRD)**

Provided financial support for an exciting cooperative learning experience held March 9-10, 1993 in Bowman, ND. Over 150 local people from the states of Wyoming, Montana, North Dakota, and South Dakota attended the conference to learn from each other about economic development strategies, goals, objectives, methodologies, and outcomes of example projects in the areas of (1) solid waste management, (2) community and area planning, (3) home-based business, (4) branch plant operations, (5) tourism, (6) health care, (7) leadership, (8) rural manufacturing, (9) community infrastructure, (10) community organization/motivation, (11) value-added enterprise, and (12) financing economic development.

The WRDC and the NCRCRD had a display at the conference which exposed many new people to the work of the Centers. The Centers' support of and presence at the conference increased our visibility at the grassroots level in the four-state region.

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<sup>1</sup> Unless otherwise indicated, projects were supported by USDA/ES & CSRS funds.

## **Collaborative Rural Curriculum Development - (all four Centers)**

Supported and participated in a four-day working conference to lay out a framework for rural development curriculum design and to answer some fundamental questions regarding, for example, changes that have to be made in agencies to allow staff to function as developers at the field level. Representatives from the FS, SCS, RDA, FmHA, REA, ES, and ACS participated because in order to meet the goals of the ES' Communities in Economic Transition initiative and the National Rural Development Initiative, field staff from these many sections of the USDA must fully participate in local rural development activities. Follow-up efforts are being led by Dr. Kenneth Pigg of the University of Missouri.

## **Rural Tourism**

Supported development of training materials and regional specialist's travel to Montana to train local community task force members in economic impact analysis methodology for their tourism development project. The WRDC staff have undertaken the task of producing a manual based upon the materials used in the Choteau, MT pilot project. Unlike other tourism manuals that start with the premise that "Tourism is good for you," and move right into marketing strategies, this manual asks the question "Is tourism good for your community?" The manual takes communities through a thorough social, economic, and environmental impact analysis process. The manual initially will be used by the state of Montana in its expanded program to assist rural communities to determine their potential for tourism and will be tested in a sample of communities in other states. Based on the results of these extended pilot efforts, the manual will be revised and offered for wider application.

## **Business Retention and Expansion**

Conducted follow-up survey of participants at the WRDC's regional training to assess the training's effectiveness and to learn about subsequent BR&E efforts throughout the region. Members of the group that developed the western region's Business Retention and Expansion program are revising parts of the training manual, in particular adding a more complete chapter on post-survey activities. We are assessing the value of conducting a second regional training this Fall, targeting an audience of multi-agency state teams.

Produced and disseminated a video to all regional training participants to help market the BR&E process to communities. The video introduces community members to the overall process and its potential benefits. A second video is under production to assist with training for specific roles within the BR&E process. (The Utah State University produced both videos with support from The US West Foundation.)

### **Otter Rock Conference Follow-up Survey**

In 1976 a Policy Education Workshop was held at Otter Rock, Oregon. Some 55 agents, specialists, and faculty from Idaho, Montana, Nevada, Oregon, Utah, and Washington participated along with observers from the Federal Extension Service. The 1993 survey investigated the long-term impacts of the workshop and gathered information on such issues as: 1) barriers and constraints to involvement in public policy education, 2) availability of resources for public policy education, and 3) current methods and strategies to share with persons currently working in the field of Policy Education.

### **National Rural Health Care Workshops - Source of funding: WK Kellogg Foundation**

Facilitated attendance of representatives from the western region at a workshop to explain the background and possible recommendations of a national health care policy. The W.K. Kellogg Foundation offered \$260 per land grant institution to support travel. The Center handled the allocation of these monies to participating institutions.

### **CrossReach Manual**

Completed editing and published the two-volume CrossReach (formerly In-Reach) manual. Volume One contains general background materials and guidelines. Volume Two presents detailed schedules and activities for three different methods of conducting a CrossReach workshop; the method is chosen to meet local conditions and workshop objectives. Distributed the manual to all previous regional In-Reach training participants and leaders. Manual already utilized by extension specialist in training of guides in the Native American regions in Montana and other applications are slated beginning this Summer. The manual will be marketed through the Western Wire and specific mailings.

### **Facilitating Strategic Management Manual**

Published revised manual for Facilitating Strategic Management for Rural Communities. The Oregon Cooperative Extension Service has adopted the manual. The WRDC will market the manual through the Western Wire and specific mailings.

### **Senior Series - Source of funding: W. K. Kellogg Foundation**

Program leader continued activities of the Senior Series program right up until it ended in the Fall of 1992. Conducted two full-day in-service training, "Meeting the Challenges of Aging Workshop," for NM extension staff and other professionals. Conducted "Meeting the Challenges of Aging Family Members" for OR extension. Gave interviews for PBS television program "Creative Living." Investigated potential for pilot project with Hispanic elders.

## *Research*

### **State Fiscal Crises and Rural Communities**

Supported and participated in a one and a half day meeting of a small group of researchers from four states to discuss the state fiscal crises occurring in many western states and their particular impacts for rural communities. The group is putting together a prospectus for an interdisciplinary (economists, political scientists, and public administrators) workshop to broaden each individual discipline's view of the issues and to share knowledge of effective strategies for local governments to respond to the crises. This project will expand upon and utilize the findings of an earlier WRDC-supported project, "Effective Local Government Practices."

### **Demography of Rural Life**

Supported the publication of the proceedings from the Demography of Rural Life Symposium. The volume edited by Dr. David Brown of Cornell University, entitled The Demography of Rural Life: Current Knowledge and Future Directions for Research, includes chapters on rural population trends, migration, applied demography and others, which are of interest to many social scientists and policy makers. The Center has copies to distribute throughout the western region.

### **IMPLAN**

Supported informal meeting between IMPLAN researchers and the U.S. Bureau of Mines personnel to encourage sharing of information. A U.S. Bureau of Mines staff member has been developing linkages between a mine cost estimation model and IMPLAN to derive mining sectors for impact analysis. The group may pursue collaborative efforts in the future to the benefit of western communities where mining is an important and/or perhaps controversial activity.

### **Farm Labor Contractors**

During 1993 this project, first supported by the WRDC in 1989, produced a powerful paper, challenging perceptions of outcomes of the Immigration Reform Control Act (IRCA). WRDC reproduced the paper in The Western Wire. The principal investigator also was a key organizer/presenter at a national conference on the subject, and can be expected to be influential in policy analysis and changes in this area.

*In Development*

**North West Service Academy- Source of funding: Commission on National and Community Service**

WRDC will serve as the administrative entity for a multiple year program to serve at-risk young adults (18 and older) in the states of Washington and Oregon. The Academy will operate both residential and non-residential programs to provide participants with education (GED preparation), leadership training, and service learning opportunities that will in turn benefit area communities. Collaborators on the program include the Forest Service, Educational Service Districts, school districts, community colleges, and state and local agencies. The contract is under negotiation.

**State Rural Development Councils' Access to Higher Education**

Seeking funding, along with the other three Centers, to facilitate the provision of information, knowledge, and training to SRDCs around the nation to help them increase the effectiveness of government and private sectors in addressing the concerns and needs of rural communities. Will utilize our networks to help SRDCs better access resources of the nations' institutions of higher education relevant to their priority rural issues. A bonus of this process will be an intelligence feedback system informing academic institutions about current rural information and knowledge needs, thus impacting research and scholarship for both applied and classroom work.

**Communities in Economic Transition**

WRDC is participating with federal and regional partners in the development of pilot programs in support of this initiative. No specific role for the Center has yet been articulated. The Center's Program Coordinator has been invited to contribute as a curriculum development specialist at the next meeting to work on a rural development curriculum under this initiative.

**Community/Sub-County Level Data**

Data often is not readily available at the sub-county level, and when available, it often is not in an easily accessible, user friendly format. A need exists for locally accessible data, in a form that is easy to interpret and which meets the needs of local government officials, county agents, and local community members. The WRDC has approached each of the western states' and Pacific Territories Rural Development Councils to ascertain interest in working with the USDA's Economic Research Service to develop skills and knowledge needed to effectively manipulate and analyze large data sets to benefit local decision-making. Assuming a favorable response, the WRDC will attempt to gain the ERS' participation in the near future.

## **Sustainable Rural Health Care**

Rural health care currently demands special national attention due to spiraling costs, inability to hold medical personnel in communities with declining economies, changing medical practices, decline of traditional rural employment and new communication opportunities. The Centers see health care as interrelated with other main community components: employment/income, education, local leadership and government. In order for a community to be able to support local medical care services, jobs must be available providing people with incomes adequate for them to pay for those services. And, if primary health care is not easily accessible, local business owners will tend to move and take their businesses, and the jobs/incomes they provided, to places where such essential services are available. The Centers have received initial support at the federal level to pursue a rural health research and extension program.

## **Environmental Conflict Resolution Training**

Assessing interest among western SEAGRANT extension personnel in Environmental Conflict Resolution training. Materials used in last year's regional training would be adapted to match Extension SEAGRANT's major conflict issues and to meet the needs articulated by this particular audience. SEAGRANT would make funds available to support their personnel's participation.

## **Rural Housing**

Concern about changes in the availability of quality affordable housing in rural areas is increasing in several western states, including Montana, Wyoming, Idaho, and Oregon. Land and property values are rising due to phenomena like gentrification and recreation or retirement developments. Long-time residents, including teachers, health care workers, and the employees of the many service industries needed by wealthy newcomers find it impossible to remain in their communities. A western regional coordinating committee recently formed to analyze rural housing issues. The Center is interested in supporting research and outreach efforts to address linkages between economic changes and rural housing availability, an important factor in a rural community's overall quality of life.

## **Training**

WRDC continues to negotiate with the WKKF for a grant for all the regional Centers to conduct multiple regional and national training programs.

# Economic Development



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Oregon State University  
Corvallis, OR 97331-3607  
Russ Youmans, Director  
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The Pennsylvania State University  
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Iowa State University  
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Peter Korsching, Director  
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Southern Rural Development Center  
Box 5444-6 Montgomery Drive  
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Doss Brodnax, Director  
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*Jay Dunckel, a  
Choteau business  
man, poses in front  
of the museum he  
helped save for  
Teton County. Jay  
is active on the task  
force investigating  
tourism as a devel-  
opment strategy.*

photo by Belinda Ledington

**W**hen people talk about dinosaurs in Teton County, Montana, they don't mean ancient history. Teton is in the heart of hadrosaurus country and home to a world class paleontological site. The Museum of the Rockies sponsors a research program that houses amateur paleontologists in tipis for summer digs.

When a local museum/trading post/gift shop recently went on the market, Choteau residents became alarmed that the museum artifacts might be removed from the area, so a group raised funds and purchased the enterprise for the community. Funds to roof and weatherize the facility have been provided by a grant from the Forest Service.

Citizens were able to band together to save the local business because they were already organized. Teton County is the site of a tourism assessment project sponsored by the **Western Rural Development Center** and Montana Cooperative Extension Service in collaboration with the Forest Service and several state agencies.

The project is designed to test a tourism assessment agenda put together by a group of community development specialists from the western region. Under the auspices of the WRDC, they attended a 1988 Extension conference on tourism. Following the conference, a regional committee was formed and decided, simultaneously with Montana's regional Forest Service rural development office, to test its program in a pilot community.

The result is PRIDE, Planning for a Rural Independent Diversified Economy, a task force of 25 residents who have completed about two-thirds of the ten major steps in the tourism assessment agenda. It was this group who saw the opportunity to acquire the museum on behalf of the community and who, since June 1992, have devoted themselves to that and to a joint community grant application for Northwest Area Foundation funds to support a regional tourism coordinator.

The WRDC-supported tourism assessment project poses ten questions to communities.

### I. Who will lead a local project?

Members of the Choteau community formed the task force that is PRIDE, representing a wide variety of community interests.

### II. How do area residents feel about tourism growth?

The University of Montana Institute for Tourism and Recreation Research helped PRIDE design an attitude survey. Of the 300 Teton County residents who received it, 61 percent responded, and most saw tourism as the community's greatest economic development opportunity. Residents opposed projects that might encourage property conversion from agriculture. Others feared losing the open quality of life currently enjoyed if wealthy tourists began to buy up property, as they have in other states, and in areas of Montana where tourism is already popular.

### III. What is the present economic impact of tourism in the community?

One measure is the amount of accommodation tax dollars collected in the county compared to the amount paid in the state as a whole. Of the 56 Montana counties, Teton's share of the "bed" tax was only one tenth of one percent. The University

of Wyoming helped PRIDE conduct a current economic base report which indicated agriculture as the dominant segment of the Teton County economy.

### IV. What attractions exist for tourists and how strong are they?

An inventory of Teton's potential attractions revealed the world class dinosaur dig, but that resource is totally unprotected and could be vulnerable to vandals if the location were prematurely publicized. Aside from the Museum of the Rockies' research program, the area is unattended. Freezeout Lake, a major stop over for migrating snow geese, is another potential attraction.

### V. How adequate are facilities for increased visitor traffic?

It was established that the level of accommodations available in Choteau lacks variety.

### VI. What are potential projects and which are the top priorities?

In Teton County, a community brainstorming activity produced 32 ideas. The group devised a rating scale of three criteria: value to tourists, economic impact on the community, and effect on quality of life within the community. Based on this scale, PRIDE chose three short-term and two long-term projects.

### VII. What are the economic, social and environmental impacts of each of the development projects?

PRIDE has tested a social impact assessment process and has initiated an economic assessment process on the three short-term projects. Next, they will undertake an environmental assessment process that the Forest Service designed.

### VIII. Which of the tourism development projects will proceed?

PRIDE will make decisions based on the assessment results.

### IX. How will the projects be developed?

PRIDE will work with agency partners to implement and manage the projects. The group will also seek grants from public and private sources.

### X. How will the project be marketed?

With guidance from project collaborators, PRIDE will use a four-step community marketing model developed by Colorado Cooperative Extension Service.

**Local Contact: Jay Dunckel**  
(406) 466-5772

The materials developed and tested in this project are being assembled into a training manual which WRDC will make available in 1994 to other rural communities wishing to assess the potential impacts of tourism as an economic development strategy.

**Dave Sharpe**  
Montana State Cooperative Extension

**Dean Graham**  
Forest Service Regional Rural Development Coordinator

**Clint Blackwood**  
Montana State Department of Commerce Tourism Division

**Mike Yuan,**  
**Steve Martin**  
**Steve McCool**  
University of Montana Tourism and Recreation Research Institute

**Dave Snepenger**  
Marketing Professor  
Montana State University

**Shari Pullar**  
Tourism Consultant, Bozeman

**Tony Nakazawa**  
University of Alaska-Fairbanks

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## WDA AGENDA BRIEF

Meeting Date: July 5-9, 1993

Agenda Item: 12.1

Presenter: Kaltenbach

Agenda Item Title: FY 94 Budget

### Background Information:

Attached are spreadsheets summarizing FY 92 & 93 appropriations, the 94 Executive request, the 94 NASULGC response and the recent action taken by the House Appropriations Committee. It contains some good and some not so good. The base programs were recommended for 1.5% increases as opposed to the Executive request of 3% and the NASULGC request of 5%. The major initiative in M/S was deleted.

The NRI sounded good when we first learned of the \$114M figure but the increase is made up largely of moving global change and water quality from special grants to the NRI. The increase sans these items is only \$5M which is earmarked in nutrition and new products. Significant work will have to be done on the Senate side on the NRI.

The most positive news came in the form of nice increases in IPM and IR-4. The special grants category could be summarized as business as usual. Overall, the total NASULGC budget (CSRS, HE, CE, \$860,611M) was increased by 0.8%.

### Action Requested:

Be prepared to assist with congressional contacts on the Senate side.

### Action Taken:

Table 1. Federal Funding of State Agricultural Experiment Stations and Affiliate Groups through CSRS/USDA

Authorizations	FY92	FY93	FY94	94NASULG	94 House % over	Commentary/Explanation
	Appr	Appr	EXEC	Apr 93	Approp. 93Appr	
<b>BASE RESEARCH PROGRAMS</b>						
Hatch Act	168,785	168,785	173,451	177,224	171,304	1.5%
McIntire-Stennis Act	18,533	18,533	28,045	28,045	18,809	1.5%
Evans-Allen Program	27,400	27,400	28,157	28,770	28,157	2.8%
Animal Health (Sec 1433)	5,551	5,551	0	5,828	5,551	0.0%
Subtotal	220,269	220,269	229,653	239,867	223,821	1.6%
<b>RESEARCH GRANTS (89-106)/a</b>						
Special Grants (Sec c)	73,130	73,411	34,418	46,468	50,070	-31.8% See Special Grants detailed in Table 2
National Research Initiative	97,500	97,500	130,195	130,195	114,000	16.9% See National Research Initiative detailed in Table 3
Subtotal	170,630	170,911	164,613	176,663	164,070	-4.0%
<b>OTHER AUTHORIZATIONS</b>						
Rangeland (95-113)	475	475	489	1,000	475	0.0%
Aquaculture Centers (95-113)	4,000	4,000	4,111	4,111	4,000	0.0%
Best Utilizations of Biological Applications (Sustainable Agr)/b	6,725	6,725	6,911	10,000	6,825	1.5%
Alternative Crops (95-113)	1,168	1,168	3,000	3,000	2,168	85.6%
Critical Materials Act of 1984	400	400	0	0	400	0.0%
State Agr Weather Info Systems	400	400	0	2,000	0	-100.0%
1890 Institutions Centers of Excellence - 1990 Farm Bill	na	0	0	0	0	
1890 Facilities Grants	na	0	0	0	0	
Subtotal	13,168	13,168	14,511	20,111	13,868	5.3%
<b>FEDERAL ADMINISTRATION</b>						
Direct Federal Administration	1,752	1,752	2,141	2,141	1,752	0.0%
1890 Capacity Building Grants	(10,250)	(10,250)	0	0	(10,550)	-3.0%
Other	8,793	8,793	0	0	8,525	-2.5%
Subtotal (Net)	10,545	10,545	2,141	2,141	10,277	-2.5%
<b>INTERNATIONAL RESEARCH</b>						
TOTAL	0	0	0	2,000	0	
Total Less Competitive Grants	414,612	414,893	410,918	440,782	412,036	-0.7%
Percent change	317,112	317,393	280,723	310,587	298,036	-6.1%
Excluding Competitive Grants	11.2%	0.1%	-1.0%	6.2%	-0.7%	
	5.8%	0.1%				
	ovr-91app	ovr-92app				

a - Details for Special and Competitive Grants are shown in Tables 2 & 3  
 b - This program emphasizing sustainable and environmentally neutral agriculture is funded in CSRS, but is jointly planned and conducted with ES

Table 1. Continued. Specifics of Federal Administration Appropriations

	FY 92	FY 93	FY 94
Direct Federal Administration	1,752	1,752	1,752
1890 Capacity Building Grants/c	(10,250)	(10,250)	(10,550)
Competitive Facilities Grants	0	0	0
Other			
Gulf Coast Shrimp	3,500	3,500	3,500
MS Valley State Univ. Curriculum	668	668	668
Iowa State Univ. Center	750	750	750
Southern Illinois Water Quality	750	750	750
Iowa State Water Quality	0	0	0
North Dakota State Water Quality	500	500	500
GIS Pilot Program	1,000	1,000	1,075
Aquaculture Vocational Education	500	500	500
Univ. North Dakota Maize Genetic	400	400	400
Tennessee State Univ. Herd Mgmt	475	475	475
Un North Dakota Alternate Fuels	250	250	250
Ctr. N. Amer. Studies, TX	0	0	200
Clean Air Plan. San Joaquin V., CA	0	0	1,000
Total of Other	8,793	8,793	8,525

Funds/Grants/Authorizations	FY92 Appr	FY93 Appr	FY94 EXEC	94WASULG Apr 93	94 House % Approp.	% over 93Appr	Commentary/Explanation
<b>CONTINUING NATIONAL RESEARCH PROGRAMS/a</b>							
Animal Health (sec 1416)	0	0	0	3,000	0		
Animal Well-Being	0	0	0	3,000	0		
Aquaculture Research(General)	316	316	0	0	316	0.0%	
Global Change	2,000	2,000	3,000	3,000	e	-100.0%	
Energy biomass/biofuels			1,000	1,000	500		
Pest Control Strategies	[11,389]	[11,389]	[20,618]	[16008]			( Js Indicate total of 4 lines below
Integrated Pest Management	4,457	4,457	7,000	7,000		28.5%	
Pesticide Impact Assessment	2,968	2,968	2,968	2,968		0.0%	
Pesticide and Drug Clearance							
Minor Use Animal Drugs	464	464	650	650		21.1%	
Pesticide Clearance (IR-4)	3,500	3,500	10,000	10,000		92.9%	
Nat Biological Impact Assessment	300	300	300	300		0.0%	
Rural Development Centers/b	500	500	500	500		0.0%	
Tropical and Subtropical	3,320	3,320	0	0		0.0%	
Water Quality/c	9,000	8,950	9,000	9,000	e	-100.0%	
Subtotal-National/Regional	26,825	26,775	34,418	40,468	20,944	-21.8%	
Other Regional/National	15,358	16,253	0	0	11,366	-30.1%	
State Special Problems Research	30,947	30,383			17,740	-41.5%	
Solid Waste Management				3,000	0		New Initiative
Forestry Ecosystem Management				d	0		
Strengthening the Rural Workforce				3,000	0		New Initiative
TOTAL	73,130	73,411	34,418	46,468	50,070	-31.8%	
Percent change	ovr91app	ovr92app				-100.0%	

a - Awards are made on a competitive basis to fund national programs, except those state specific grants identified by Congress  
 b - The Rural Development Centers are jointly funded by the Extension Service and the State Agricultural Experiment Stations via CSRS  
 c - This water quality research along with that done by ARS forms the principal data base for the action/regulatory agencies  
 d- Contained in McIntire-Stennis Request  
 e- Moved to NRJ  
 \*\*- Recommended to request \$7,000,000 via EPA  
 \*\*\*- Recommended to request \$3,000,000 via EPA  
 \*\*\*\*- Recommended to request \$5,000,000 via EPA

06/24/93 FY94 ESCOP Budget Development Group Worksheet

FY94VR13.MK1

Table 3. National Research Initiative, Thousands of Dollars

Funds/Grants/Authorizations	FY92 Appr	FY93 Appr	FY94 EMEC	94NASULG Apr 93 Approp.	94 House % over 93Appr	Commentary/Explanation
National Research Initiative	18,000	18,000	26,000	26,000	18,000	0.0%
Natural Resources & the Environment	6,500	6,500	13,000	13,000	8,000	23.1%
Nutrition, Food Quality & Health	40,000	40,000	45,195	45,195	40,000	0.0%
Plant Systems	25,000	25,000	30,000	30,000	25,000	0.0%
Animal Systems	4,000	4,000	9,000	9,000	7,500	87.5%
New Products & Processes	4,000	4,000	7,000	7,000	4,000	0.0%
Markets, Trade & Rural Revitalizat	4,000	4,000	7,000	7,000	2,500	0.0%
Global Change					9,000	
Water Quality						
TOTAL	97,500	97,500	130,195	130,195	114,000	16.9%
Percent change	33.6%	0.0%				
	ovr91app	ovr92app				

06/24/93 FY94 ESCOP Budget Development Group Worksheet

FY94VR13.MK1

Table 4. HIGHER EDUCATION, Thousands of Dollars

Funds/Grants/Authorizations	FY92 Appr	FY93 Appr	FY94 EKEC	94NASULG Apr 93 Approp.	94 House % over 93Appr	Commentary/Explanation
Morrill-Nelson	2,850	2,850	2,850	2,850	2,850	0
Graduate Training Grants	3,500	3,500	3,597	3,597	3,500	0
Institution Challenge Grants	1,500	1,500	1,542	4,000	1,500	0
1890 Institution Capacity Building	(10,250)	10,250	11,500	11,500	10,550	0
USDA Minority Scholars Program	0	0	1,000	1,000	1,000	0
Research Apprenticeship Program	0	0				
Strengthening Grants Program, 1890	0	0				
AG-SAY	0	0				
INTERNATIONAL HIGHER EDUCATION	0	0				
Subtotal	7,850	18,100	20,489	23,947	19,400	
	ovr91app	130.6%	13.2%	32.3%		
	ovr92app					
Check of CSRS amounts	422,462	432,993				

( Fed amounts also in Table 1 in Fed Admin

FY94/VR13, WK1 06/24/93  
 Table 5. EOP BUDGET COMMITTEE RECOMMENDATIONS Continued, Thousands of Dollars

Funds/Grants/Authorizations	FY92	FY93	FY94	94NASJLG	94 House	Commentary/Explanation
	Appr	Appr	EXEC	Apr 93	Approp.	
<b>BASE PROGRAMS</b>						
Smith Lever, 3b & 3c	262,712	262,712	270,000	275,847	274,582	4.5%
DC Extension	1,010	1,010	1,038	1,060		-100.0%
1890 Colleges & Tuskegee	24,730	24,730	27,764	28,000	25,414	2.8%
<b>TOTAL BASE PROGRAMS</b>	<b>288,452</b>	<b>288,452</b>	<b>298,802</b>	<b>304,907</b>	<b>299,996</b>	<b>4.0%</b>
<b>NATIONAL EXTENSION PRIORITIES</b>						
Water Quality	11,375	11,375	11,375	11,375	11,234	-1.2%
Food Safety & Quality	1,500	1,500	2,000	3,000	1,975	-31.7%
Rural Economic Development	0	0	0	2,000		-100.0%
Sustainable Ag Systems	0	0	3,000	10,000	2,963	0.0%
Youth and Families at Risk	10,000	10,000	12,000	12,000	10,000	0.0%
Solid Waste Management	0	0	0	3,000		
Special Targeted prgms-1890's	0	0	0	0		
Teen Pregnancy/Hlth	0	0	0	750		
Sustainable Ag/Small Scale Farm	0	0	0	750		
Rural Econ. Devel/Ldrshp Dev	0	0	0	250		
Family/Child Prenatal to Five	0	0	0	750		
<b>TOTAL NATIONAL EXTENSION PRIORITIES</b>	<b>22,875</b>	<b>22,875</b>	<b>28,375</b>	<b>43,875</b>	<b>26,172</b>	<b>14.4%</b>
<b>SPECIFIED PROGRAMS</b>						
<b>EFNEP</b>						
Rural Development Centers	60,525	60,525	62,201	63,551	64,961	7.3%
IPM	950	950	950	1,045	938	-1.3%
PIA	8,200	8,200	8,545	10,000	8,459	3.2%
Urban Gardening	3,405	3,405	3,405	3,700	3,363	-1.2%
Rural Health & Safety	3,557	3,557	0	3,557	a	-100.0%
Pacific Rim Program	2,470	2,470	1,000	2,720	2,698	9.2%
Crop Simulation	647	647	0	647	647	0.0%
1890 Extension Facilities	498	498	0	498	498	0.0%
Nutrition Education	9,508	8,000	7,060	8,000	7,901	-1.2%
Reservation Extension Agents	0	0	0	2,000	b	
Farmer Assistance Grants	1,500	1,750	0	2,000	1,750	0.0%
Rural Health & Safety Education	2,785	2,785	3,841	3,841	3,341	20.8%
Assistance for Disadvantaged	2,550	2,550	0	0		-100.0%
Rural Technology Grants	1,000	2,000	2,000	2,000		-100.0%
Ag Telecommunications	1,000	1,000	0	0		-100.0%
New Uses	1,221	1,221	1,221	2,000	1,206	-1.2%
<b>TOTAL SPECIFIED PROGRAMS</b>	<b>97,796</b>	<b>100,538</b>	<b>98,443</b>	<b>110,819</b>	<b>95,762</b>	<b>-4.8%</b>
<b>FEDERAL ADMINISTRATION</b>						
Direct	11,347	10,428	5,644	5,644	8,390	-19.5%
Pacific Rim Program	(647)	(647)	0	0	(647)	-100.0%
Crop Simulation	(498)	(498)	0	0	(498)	-100.0%
<b>NET FEDERAL ADMINISTRATION</b>	<b>10,202</b>	<b>9,283</b>	<b>5,644</b>	<b>5,644</b>	<b>7,245</b>	<b>-22.0%</b>
<b>INTERNATIONAL EXTENSION</b>						
GRAND TOTAL EXTENSION	419,325	421,148	431,264	465,870	429,175	1.9%
<b>GRAND TOTAL, ALL FUNCTIONS</b>	<b>841,787</b>	<b>854,141</b>	<b>862,671</b>	<b>930,599</b>	<b>860,611</b>	<b>0.8%</b>

a- Moved to Smith-Lever, 3b & 3c

b- Included in EFNEP

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APPENDIX XI

TABLE 3. RESEARCH FUNDS

	FY 93 APPROP	FY 94 EXEC	FY 94 NASULG	FY95 ESCOP	
<b>BASE PROGRAMS</b>					
Hatch Act	\$168,785	\$173,451	\$177,224	\$186,085	
McIntire-Stennis	\$18,533	\$28,045	\$28,045	\$45,000	
Evans-Allen(1890)	\$27,400	\$28,157	\$28,770	\$30,209	
Animal Health	\$5,551	\$0	\$5,828	\$6,119	
<b>TOTAL BASE PROGRAMS RESEARCH</b>	<b>\$220,269</b>	<b>\$229,653</b>	<b>\$239,867</b>	<b>\$267,413</b>	
<b>RESEARCH GRANTS--PL 89-106</b>					
<b>Competitive Grants (sec. 2b)(NRI)</b>					
Plant Systems	\$40,000	\$45,195	\$45,195	\$60,000	
Animal Systems	\$25,000	\$30,000	\$30,000	\$45,000	
Nutrition, Food Quality and Health	\$6,500	\$13,000	\$13,000	\$25,000	
Natural Resources and Environment	\$18,000	\$26,000	\$26,000	\$50,000	
Engineering Processes and Value-Added	\$4,000	\$9,000	\$9,000	\$20,000	
Rural Development, Markets and Trade	\$4,000	\$7,000	\$7,000	\$15,000	20,000
<b>SUBTOTAL COMPETITIVE GRANTS</b>	<b>\$97,500</b>	<b>\$130,195</b>	<b>\$130,195</b>	<b>\$215,000</b>	
<b>Special Research Grants (sec. 2c)</b>					
<b>National Programs</b>					
Animal Health	\$0	\$0	\$3,000	\$3,000	
Animal Well-Being	\$0	\$0	\$3,000	\$3,000	
Energy Biomass/Biofuels	\$0	\$1,000	\$1,000	\$1,000	
<b>Pest Control Strategies</b>					
Integrated Pest Management	\$4,457	\$7,000	\$7,000	\$10,000	
Pesticide Clearance	\$3,500	\$10,000	\$10,000	\$11,000	
Pesticide Impact Assessment	\$2,968	\$2,968	\$2,968	\$2,968	
Minor Use Animal Drugs	\$464	\$650	\$650	\$650	
Biological Impact Assessment	\$300	\$300	\$300	\$300	1,500
Rural Development Centers	\$500	\$500	\$550	<del>\$600</del>	
Tropical and Subtropical Ag	\$3,320	\$0	\$0	\$0	
Water Quality	\$8,950	\$9,000	\$9,000	\$12,000	
Global Change	\$2,000	\$3,000	\$3,000	\$3,000	3,000
Solid Waste Management	\$0	\$0	\$3,000	\$0	
Strengthening the Rural Workforce	\$0	\$0	\$3,000	\$3,000	
Rapid Response Research				\$5,000	
<b>SUBTOTAL NATIONAL SPECIAL GRANTS</b>	<b>\$26,459</b>	<b>\$34,418</b>	<b>\$46,468</b>	<b>\$55,518</b>	
<b>SUBTOTAL REGIONAL/STATE SPECIAL GRA</b>	<b>\$46,952</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL SPECIAL GRANTS</b>	<b>\$73,411</b>	<b>\$34,418</b>	<b>\$46,468</b>	<b>\$55,518</b>	279,418
<b>GRAND TOTAL RESEARCH GRANTS</b>	<b>\$170,911</b>	<b>\$164,613</b>	<b>\$176,663</b>	<b>\$270,518</b>	
<b>OTHER RESEARCH PROGRAMS</b>					
Rangeland	\$475	\$489	\$1,000	\$1,000	
Aquaculture Centers	\$4,000	\$4,111	\$4,111	\$4,500	
Supplemental and Alternative Crops	\$1,168	\$3,000	\$3,000	\$4,000	20,000
Sustainable Agriculture	\$6,725	\$6,911	\$10,000	\$15,000	
1890 Institution Centers of Excellence	\$0	\$0	\$2,000	\$2,000	
Weather Information Systems	\$400	\$0	\$0	\$0	
Critical Materials	\$400	\$0	\$0	\$0	
<b>TOTAL OTHER RESEARCH PROGRAMS</b>	<b>\$13,168</b>	<b>\$14,511</b>	<b>\$20,111</b>	<b>\$26,500</b>	
<b>RESEARCH FACILITIES PROGRAM</b>					
Competitive Research Facilities	\$0	\$0	\$0	\$43,000	
<b>FEDERAL ADMINISTRATION</b>					
Direct	\$20,795	\$13,641	\$13,641	\$13,641	
1890 Capacity Building Grants	(\$10,250)	(\$11,500)	(\$11,500)	(\$11,500)	
<b>NET FEDERAL ADMINISTRATION</b>	<b>\$10,545</b>	<b>\$2,141</b>	<b>\$2,141</b>	<b>\$2,141</b>	
<b>INTERNATIONAL RESEARCH</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000</b>	<b>\$2,000</b>	
<b>GRAND TOTAL RESEARCH</b>	<b>\$414,893</b>	<b>\$410,918</b>	<b>\$440,782</b>	<b>\$568,572</b>	582,472

APPENDIX XII

**WDA AGENDA BRIEF**

**Meeting Date:** July 5-8, 1993

**Agenda Item:** 12.3

**Presenter:** H. Paul Rasmussen

**Agenda Item Title:** 1996 ESCOP Budget Committee Report

**Background Information:**

The 1996 budget committee is still in the process of being formed. There are still some groups with representatives to be named. As the 1995 budget committee gets a reaction to their numbers the 1996 committee will begin meeting.

The Futuring Conference and other actions taken at the Federal level will undoubtedly have a great impact on the composition of the 1996 budget. If any of the Western Directors have ideas or suggestions for the committee I will be happy to receive them at any time.

The reorganization of USDA will also impact the direction of future ESCOP budgets. The delays in reorganization coupled with the pressure from congress for budget reduction will create major hurdles for our committee to deal with.

I am glad that the 1995 ESCOP committee was the first one to break the billion dollar barrier, that will give us a little more flexibility in our planning.

The unknowns will be difficult for the committee as they are for each of us as we look to the future. An accurate crystal ball would be most helpful.

**Action Requested:** None

**Action Taken:** None

## WDA AGENDA BRIEF

MEETING DATE: July 7, 1993

AGENDA ITEM: 12.4

PRESENTER: GARY A. LEE

AGENDA ITEM TITLE: SPRING ESCOP MEETING

**BACKGROUND INFORMATION:**

The Experiment Station Committee On Policy held the regularly scheduled meeting in Tucson, AZ on April 21-23, 1993. Chairman Dr. Jim Fischer presided over the meeting which included a full agenda of reports and discussion of current issues.

**BUDGET ACTIVITIES:** Dr. Colin Kaltenbach reported that the FY 94 Budget Committee had essentially completed their recommendations. The CSRS request will be under \$1 Billion but this represents a number of difficult decisions to reduce funding levels in several important areas. At the time of the report, the Congress had not completed work on the general budget matters but the Executive Budget recommendations appear to be supportive of agriculture research with some modest increases in some lines. Dr. John Nye reported that the FY95 Budget Committee is organized and starting to actively function. The ESCOP members provided guidance in pursuing additional funding in four emphasis areas in the FY95 request( Nutrition, Health and Food Safety; Environment and Natural Resources; Addressing Changes in Rural America; and Increasing Global Competitiveness and Producer Profitability ). The final list of priorities will be compiled after the planning activities being coordinated by Dr. Neville Clarke.

**PLANNING AND PRIORITIES:** Dr. Neville Clarke summarized the activities of the Strategic Planning Subcommittee. Customer Conferences have been held to acquire input from a diverse group of clientele. Dr. Jim Zuiches is Chairman of the Futuring Conference which will be held in Washington D.C. on June 14-16. The planning process will be finalized with a meeting at Texas A&M University in August. Dr. Clarke anticipates that a Strategic Planning document will be published in early fall and distributed widely.

**USDA REORGANIZATION:** Considerable discussion centered on the reorganization of USDA. At the time of the meeting, it was not clear what direction Secretary Espy would take to structure CSRS, ARS, and CES. The ESCOP membership agreed

that the Agencies should be closely linked because of the function and responsibilities.

CAHA: Dr. Jim Fischer led a discussion regarding the function and role of CAHA in the Division of Agriculture. Some concern has been expressed that Deans and Directors do not interact adequately at the Regional level and that Deans have no recognition at the national level. There is a proposal to create a CAHA Section and for representation on the Division Board.

Dr. Colin Kaltenbach and his staff provided the ESCOP members a full load of western hospitality!

**ACTION REQUESTED:** For Information

**DRAFT****NATIONAL AGRICULTURAL RESEARCH AND TEACHING DATABASE**

If you want to stay current in the nineties, you've got to be connected to the Internet. The Internet (and all the other private and commercial computer networks hooking up to it daily) is shrinking the world and carrying information directly to the user in a bypass of traditional information delivery channels. If you want to be outfront in the race to process and distribute your message in the next century, you've got design a vehicle capable of traveling the "information superhighways" and despositing information at thousands of destinations for millions of potential users.

**Purpose**

Processing and distributing the agricultural research message is the purpose of this database demonstration project. To get to that point, Rutgers and North Carolina State Universities have proposed a project that will design the vehicle and establish the "rules of the road" in linking the national agricultural research message as designed by the Cooperative State Research Service and its state research partners.

**Highlights**

This project will establish the technical links allowing each partner in the State Agricultural Experiment Station System (SAES) to desposit information in a central repository available to anyone with access to Internet. Furthermore, the project creates:

- o a nationally coordinated effort with
- o an editorial representative in each region of the country to

assist in identification and development of editorial messages highlighting research results and the collection of that data from each participating partner.

**Contents**

Ultimately, the database is expected to contain:

- o research results from up to 25 of the top research projects at each station;
- o background information on leading agricultural investigators who are willing to serve as public spokespersons on emerging "hot" national agricultural research issues;

- o briefs on emerging and "hot" agricultural issues.

#### Target Audiences

The project will include the development of promotional packages aimed at targeted user audiences including:

- o members of Congress, their staffs and other public decisionmakers;
- o media gatekeepers and other information multipliers;
- o environmental, commodity and other user groups;
- o students (our future leaders and decisionmakers);
- o our own system, particularly information offices.

#### State Requirements

Although Rutgers and North Carolina State are designing the project and putting it into operation with cooperation from other institutions, the project requires substantial commitment from all sectors of the agricultural research system in order to succeed. Information from all partners in the system is required to make the project work and States are expected to expend the time and effort required to develop and submit information to the project.

#### Future

The project is being launched under the auspices of the National Research Communications Consortium with support from the Cooperative State Research Service/USDA. The project leaders expect to begin transfer of the project to CSRS within the first year of this two-year demonstration project and to complete that transfer within the second year. At this time, the project under the auspices of the NRCC is expected to have achieved viability and demonstrated its worth as an ongoing CSRS/SAES program.

#### Benefits

Each state will probably ask, "What's in it for me?" And our response is:

- o trained staff.

This project offers the opportunity for SAES communications staff to be trained in the information delivery system expected to be used most widely in the future. For many information offices, use of the Internet is limited to E-mail. But in the future

complex information development, storage, retrieval and delivery via Internet will be the norm. We need to be ahead of the game in developing our messages, targeting our audiences, promoting availability and delivering the final messages via computer networking.

o access.

This project offers access to one of the key mass media information delivery systems of the future. In pilot projects all over the country, grade school children are being taught to locate information via the Internet. News reporters and editors are taking courses in accessing databases. Business and industry is adding telecommunications literacy to many job requirements.

o time management and information multiplication.

By shrinking distance and time, our messages are more likely to be seen, used and passed on to others. Immediate response to breaking issues, alerts to pressing issues and identification of emerging issues can be accomplished cheap, fast and globally.

## WDA AGENDA BRIEF

**Meeting Date:** June 6, 1993  
**Agenda Item:** 14.1  
**Presenter:** Barry J. Jacobsen  
**Agenda Item Title:** Joint IPM Funding by Research and Extension  
**Background Information:** \_\_\_\_\_

The North-Central region has developed an IPM project jointly funded by IPM regional research and Extension - Smith Lever - 3D funds. There is some interest in doing this in the Western Region and in making WRCC-69 a joint Research/Extension Committee.

**Action Requested:** Opinion on developing a joint WRCC

**Action Taken:**

**WDA AGENDA BRIEF**

**Meeting Date:** July 5-8, 1993  
**Agenda Item:** 14.2  
**Presenter:** Charles W. Laughlin  
**Agenda Item Title:** ESCOP Leadership Development Subcommittee  
**Background Information:** \_\_\_\_\_

Seventy-five participants are registered for Class 3 of the ESCOP/ACOP Leadership Program, which will begin September 25 in Indianapolis. The Western Region has seven participants in Class 3. Prior to the Indianapolis meeting, Directors should meet with their participants and initiate planning for Phase II of this activity. The Directors may want to consider a regional effort by the participating faculty as part of Phase II.

Class 2 completed their formal leadership program June 2-4, 1993 in Washington, D.C. Directors are encouraged to continue a mentoring relationship with these participants and actively involve them with participants in Class 3.

**Action Requested:**

**No action requested.**

**Action Taken:**

## WDA AGENDA BRIEF

**Meeting Date:** \_\_\_\_\_

**Agenda Item:** 14.3 \_\_\_\_\_

**Presenter:** James J. Zuiches \_\_\_\_\_

**Agenda Item Title:** Annual Report of the Western Home Economics Research Association

**Background Information:** \_\_\_\_\_

The WHERA met on January 29, 1993, in Tucson, AZ, and reviewed regional research project priorities in Home Economics, current RRF projects and Coordinating Committees, and plans for new initiatives.

WRCC-83, Youth-at-Risk, held a priority-setting workshop in Seattle, April 23, 1993, and is planning a conference in conjunction with its 1994 meeting.

WHERA identified research accomplishments on clothing, textiles, nutrition, youth-at-risk, and family management.

Sandra Helmick, Oregon State University, will serve as chairperson of WHERA, 1993-94; and Virginia Vincenti, University of Wyoming, is the alternate representative to the Board of Home Economics.

The next WHERA meeting is scheduled for October 15, 1993, in San Francisco.

**Action Requested:**

**Action Taken:**

**WDA AGENDA BRIEF**

**Meeting date:** July 5-9, 1993  
**Agenda Item:** 15.0  
**Presenter:** Helen McHugh  
**Agenda Item title:** Research Planning

**Background Information:**

As discussed at the March meeting of this Association, the Western Agricultural Research Committee (WARC) was asked to assist in preparing for these research planning discussions. The advice of the WARC led to the development of a paired-comparison exercise as a first step toward our consideration of research initiatives. A set of related materials was sent to all directors under date of June 9, 1993, with a response requested by Friday, June 25.

The results from the paired comparison analysis will be shared at this meeting. Reference materials, especially the assumptions and issues set out by Bob Heil, that accompanied the June 9 mailing may provide background useful to these discussions.

**Action Requested:**

The group needs to reach consensus about the various research areas the region would like identified as research initiatives -- i.e., areas for new/additional research funding -- by the ESCOP Research Planning Group at its Workshop in late August.

# PAIRED COMPARISON ANALYSIS

N=19

*Free ex*  
*N=19*  
*1-3*  
*4-6*  
*7-9*

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	TOTAL																					
A. SOIL & WATER	6	24	3	23	4	19	5	7	1	42	3	28	3	26	3	15	1	57	2	26	1	48	1	48	7	17	4	24	5	19	4	31	3	23	1	26	1	475		
B. SUSTAINABLE SYSTEMS	3	32	4	28	5	17	3	14	5	38	9	8	1	28	5	12	3	54	3	23	3	26	6	28	4	36	13	8	2	28	5	29	1	38	3	22	3	429		
C. FOOD QUALITY/SAFETY	2	36	2	24	1	26	2	16	12	3	5	15	4	24	1	18	6	26	6	9	9	8	9	3	36	3	41	2	53	1	52	7	24	2	24	4	18	2	454	
D. NUTR/HEALTH	10	11	5	18	2	28	4	9	6	23	8	9	5	16	9	5	13	5	13	5	13	13	0	2	37	1	49	8	9	7	16	6	23	4	16	7	18	5	385	
E. RURAL CHANGE	1	37	9	5	7	6	8	4	13	2	13	0	12	1	11	3	4	37	9	5	13	9	5	12	1	7	19	2	48	11	3	10	18	2	48	13	8	10	3	224
F. IMPACTS OF TECHNOLOGY	7	14	12	8	10	4	7	5	4	36	12	4	10	2	6	9	13	2	2	7	9	4	15	12	3	6	21	3	31	9	11	12	9	10	2	12	1	198		
G. ALTERNATIVE USES	11	2	11	2	6	13	12	2	14	8	6	18	8	12	4	13	7	24	7	24	8	5	13	9	14	9	5	6	6	19	8	22	9	4	2	23	8	198		
H. GLOBAL COMPETITIVENESS	4	31	10	4	9	5	9	4	9	12	2	21	7	13	10	4	8	24	8	12	1	9	5	10	13	12	2	5	19	11	6	14	5	7	9	4	107			
I. PRODUCTS/PROCESSING	12	1	8	7	8	6	10	4	11	6	1	38	9	18	7	9	12	3	11	3	6	13	5	21	10	3	7	11	4	28	10	15	8	9	8	9	10	100		
J. BIODIVERSITY	9	13	7	18	11	3	11	3	8	13	10	6	16	12	1	14	1	1	14	4	28	7	11	0	5	32	6	14	12	4	13	6	11	6	16	10	100			
K. ANIMAL HEALTH	8	14	6	17	12	3	1	17	7	21	11	4	11	2	8	10	12	13	0	10	13	4	8	18	13	0	1	68	8	12	9	28	11	2	11	2	218			
L. PLANT PEST MGT.	5	29	1	25	3	28	6	7	10	9	4	17	2	27	2	17	5	36	1	33	2	33	4	33	11	3	10	5	3	28	3	32	5	12	5	18	4	298		
M. GLOBAL CHANGE	13	8	13	8	13	0	13	2	15	8	7	18	13	1	13	0	15	0	10	4	11	2	13	0	8	15	12	1	13	1	15	8	12	2	13	8	16	43		
N. ECONOMIC DEVELOPMENT					2	48																															55			
O. YOUTH DEVELOPMENT					3	48																															117			
P. COMPATIBILITY OF AG/ENV																																					56			

Q. ENDANGERED SPECIES  
 \* Small Number in front is the ranking

*Range 8*  
*Ranking*  
*1-13*  
*1-12*  
*1-9*

*7-13*  
*1-11*  
*1-13*  
*4-14*  
*1-12*  
*2-14*  
*2-14*  
*3-13*  
*1-13*  
*1-13*

# A NOVICE ATTEMPT AT DEFINING AGRICULTURE AS A SYSTEM

Agriculture is a complex, dynamic system comprised of numerous components interacting in a plethora of ways. The relationship below is one way (simple) to express this complex system.

$$\text{Sustainable Agric} = f(\text{biological, physical, economic, cultural, institutional, political})$$

- Always & everywhere each factor is important and must be considered.
- Relative importance of each factor vs. other factors will vary from place to place - situation to situation.
- Interrelationships between and among factors here critically important.
- A change in any one factor has impact and potential to impact any one of or all other factors.

Each factor comprises complex interrelationships within itself:

- Phys. System = f (soil, water, climate, land..)
- Biol. System = f (plants, animals..)
- Economic = f (capital, markets, policy, business..)
- Cultural = f (values, diversity, expectations, ...)
- Institutional = f (public, private, organizational ...)
- political = f (policy, system, structure, ...)

Transforming the above into an "outcome or product" oriented relationship might result in the following:

$$\text{Sust. Agric. Syst.} = f \left( \begin{matrix} \text{soil} \\ \text{water} \\ \text{climate} \\ \text{land} \end{matrix} \right) + \begin{matrix} \text{Instit.} \\ \text{Econ.} \\ \text{Political} \\ \text{Cultural} \end{matrix} \left\{ \begin{matrix} \text{Food \& Fiber Prod. Sys.} \\ \text{" " Proc. Sys.} \\ \text{" " Mktng Sys.} \\ \text{Nat. Res. Management Sys.} \end{matrix} \right\} \left\{ \begin{matrix} \text{Food Products} \\ \text{Non Food Prod.} \\ \text{Qual. of Res. Base} \\ \text{Goal. of life} \\ \text{Socio-Economic} \\ \text{Enhancement} \end{matrix} \right.$$

Taking the Outcomes from the last Column above one can further ~~describe~~ define the system as follows:

<u>Food Products</u>	<u>Non-Food Prod.</u>	<u>Qual. of Res. Base</u>	<u>Qual. of Life</u>	<u>Socio-ECON.</u>
Quantity and stability	Quantity	air, Soil & Water Qual.	Human Res. Dev.	Institutional
Quality	Quality	Biodiversity	Health	Global Compete
Safety	Safety	Climate change	Diet	Infrastructure
Economic	Economic	Ecological stab.	Cultural	Policy
Nutrition	Diversity	A, J, M, K, G, L	C, D, O	E, F, H, N, P.
C, D, E, J, K, L	G, I, J, L, K.		I, K, L	
G				

## WDA AGENDA BRIEF

**Meeting Date:** July 6-8, 1993

**Agenda Item:** 16.0

**Presenter:** R. D. Heil

**Agenda Item Title:** Executive Director Report

**Background Information:** \_\_\_\_\_

The attached report summarizes activities in the Executive Director's Office since the Association's March meeting and addresses future activities and plans.

**Action Requested:**

**Action Taken:**

## EXECUTIVE DIRECTOR REPORT

### 1 - State Visits

State visits to date have included New Mexico, Arizona, Riverside, Ca., Davis, Ca., Nevada, Montana, Guam, and Saipan.

The visit to Guam and Saipan was in conjunction with the PBAG meeting which I attended as a member of the PBAG Administrative Council.

I am most appreciative of the efforts made by each state to provide me with an opportunity to become familiar with programs and to interact with administrators and scientists.

Following are several common thoughts that emerged from these visits as related to regional research.

- 1) Simplify the regional research process in project development, approval process, review and reporting.
- 2) Participants in regional research appreciate the opportunity to interact with peers.
- 3) Some felt that regional research activities are not well enough known by scientists in the region, i.e. what is being done by whom, where, etc.. An annual summary report could be made available all regional research participants.
- 4) Specific recommendations -
  - a) Need for national agriculture weather base.

#### Recommendation:

We need to continue looking at possible strategies to streamline Regional Research. The question becomes - how can we best integrate our activities as part of the C-9 - CSRS RR office activities?

I believe it is important we continue to stress an "outcome" orientation associated with Regional Research activities.

### 2 - Other Travel Activities

#### May 18-21:

Attended conference on "Resolving Conflicts in Natural Resource Management" in Casper, Wyo. sponsored by the Univ. of Wyo., several state and federal agencies and public interest groups. This conference highlighted several well-developed and successful cooperative efforts among a number of interest groups to address natural resource management issues. The conference demonstrated

successful "networking" of public-private interests at the local level in developing workable resource management plans for the producer.

ESCOP Spring Meeting - Tucson - April:

I am including Agenda Brief 23 from this meeting related to the new Agric. Science & Technology Review Board which shows membership and brief descriptions of the role of ASTRB. Also attached is the report given by Walter Woods on Regional Research.

Great Plains Ag Council - June 2-4 - Rapid City, SD:

This meeting was enlightening in that GPAC is making a concerted effort to broaden its membership to include EPA, BLM, U.S. Fish and wildlife, and the U.S. Bureau of Reclamation, in addition to current membership, which includes Ag. Exp. Stations, Coop. Extension, SCS, ASCS, ERS, FmHA, State Forest Service, and State Dept's of Ag. This is more evidence of the networking being developed among federal, state, and local interests. I volunteered to serve on a committee to identify and involve the broad spectrum of players, including customers, in developing a GPAC agenda. I felt this would be a good experience in helping me assist the Association in considering a similar activity i.e., develop the network that helps identify us with regional related activities.

It was at this meeting I learned of the "Grazing Lands Conservation Initiative" which has been developed to obtain federal funds (\$20 mill.) to allow the SCS to obtain more "Range Conservationists." I have initiated conversation with Bud Rumburg, Soc. of Range Management, about the possibility of expanding this initiative to include research and extension needs as related to range management. The coalition supporting this initiative is comprised of the Range Society, National Cattlemans Assoc., Amer. For. & Grasslands Council, Farm Bureau, Amer. Sheep Ind., Ducks Unlimited, Trout Unlimited, etc...

Also, I learned at this meeting of the "Great Plains Initiative" established by the Western Gov. Assoc. to address wildlife habitat. EPA is compiling data on GIS to identify sensitive habitat areas.

Tim Amsden, EPA Dist. 7 Office in Kansas City made an interesting comment during his presentation of the need for EPA to collaborate with the ag. research, education and service agency community. He said EPA is learning very quickly that education and incentive programs will be key to implementing env. programs in agriculture. I was pleased to hear this comment. I believe the door is open for us to develop stronger relationships with EPA and obtain more research & extension funds in the future.

U.S. Bureau of Reclamation reported that they are establishing "Water Conservation Education Centers" in each of their districts.

Futuring Conference - June 15-16 - Wash. D.C.:

Although several stations in our region were unable to attend, the region was well represented. This was an excellent workshop and we owe our illustrious

Chair, Jim Zuiches, a word of praise for arranging the conference. There were numerous excellent ideas shared at the conference, but the take home lessons to me was a comment by one speaker who said we are experiencing a major paradigm shift from a consumptive to a quality of life society. He pointed out that the Japanese have recognized this and are investing in research to study this change.

#### Regional Research Planning Meeting - Kansas City, Mo. June 22:

V. Van Volk and I attended this meeting at the invitation of Walt Woods to assist in developing a charge and agenda for a meeting scheduled for Sept. 1&2 to initiate the process of RR evaluation. From this meeting emerged the following charge: to identify alternative strategies and from these develop recommendations, for implementation by C-9, regional associations, Directors, and CSRS, to improve the efficiency and management of Regional Research as related to

- a. Project Management
- b. Review and Evaluation
- c. Mission/Vision
- d. Funding

The meeting in September will include all C-9 members, 2 reps. from each of the regional associations, Walt Woods, an ARS representative, and myself.

#### Meetings Planned:

ESCOP Strategic Plan - Pre workshop - Dallas, July 15-16  
 ESCOP - ECOP Joint Meeting - Seattle, July 26-29  
 Sustain. Ag. Admin. Council - Estes Park, Co., Aug. 18-20  
 ESCOP Strategies Planning Conf. - Texas A&M, Aug. 23-25  
 Regional Research Planning - Kansas City, Sept. 1-2  
 ESCOP - Washington, DC, Oct. 12-14  
 Sustainable Agr. Science Conf. - Seattle, Oct. 24-26  
 NASULGC - Washington, DC, Nov. 11-18

### **3 - Western Region Res. Priority Setting**

I want to publicly thank Helen McHugh for her efforts in developing the process to streamline our research priority setting activity. I strongly urge us to build on what Helen is doing to give WARC activities the focus needed to ensure we have adequate input into the overall research planning agenda.

### **4 - On-going Future Activities & Plans**

- Administrative Advisor Training - integration of our efforts with CSRS-RR office initiative.
- Accomplishments Documentation and dissemination: Initiate building a data base of accomplishments in the region.

- State provide "accomplishment or research summaries" which have been prepared for legislatures', clientele, etc..
  - Implement recommendation of the "Pardini" subcommittee relative to RR Committee reports i.e., "outcomes or impacts of research."
  - Aggregate accomplishments into "issue" categories i.e., environmental enhancement, sustainable agric., profitability and competitiveness, etc..
  - Serve as a liaison for current research and research accomplishments between source and clientele. Strategy for information dissemination.
  - Identify and describe "Grassroots Cooperative Efforts" in which the land-grant system is playing a major role.
- Determine what is the "niche" for regional research efforts.
    - Identify those agencies that operate on a regional basis; their geographic area of responsibility, interest; current linkages we have; potential linkages to develop  
Ex: SCS, BLM, County Commissioners, State Dep. of Agric., EPA, U.S. Fish & Wildlife, Trout unlimited, etc. etc..
  - Streamlining RR
    - Integrate efforts with CSRS-RR office
    - Priority setting. (evaluate this years process)
  - ESCOP
    - Strategic Plan
    - Budgets

In closing I want to publicly thank Harriet for her outstanding performance. She has been tremendously helpful to me during these first months on the job. We are also being served well by Mark Breuer, a student working on a part-time basis. We in the office are pleased to have the opportunity to serve the Association. Please share with us your ideas on how we can better serve you. We also are pleased to be housed with the Colorado Agricultural Experiment Station and associated with a fine group of people.

## AGENDA ITEM 23

### *Experiment Station Committee on Organization and Policy*

***Agenda Item:***

Agricultural Science and Technology Review Board Report

***Title:***

Report of the Agricultural Science and Technology Review Board

***Presenter:***

Barbara S. Stowe

***Background Information:***

In December 1992 Secretary of Agriculture, Edward Madigan, appointed the Agricultural Science and Technology Review Board. The Board was defined in the 1990 Farm Bill to: provide technical interpretation and translation of current and emerging agricultural and environmental science issues for use by the Joint Council and the Advisory Board in setting priorities and conducting evaluations; and provide technology assessment of current and emerging public and private agricultural research and technology transfer initiatives, including emerging technologies from private industry and public institutions that would influence agriculture, environment, nutrition, and the broad social, economic, and health consequences on urban and rural communities.

Members of the Board include: Dr. Frank E. Busby, chair; Mr. Ray Nelson Dryden, Jr.; Dr. Orlo Robert Ehart; Mr. John Haberern; Mr. Charles Henry Hassebrook; Dr. Charles Taylor; Dr. Melvin E. Walker, Jr.; Dr. John Bottum; Dr. Clare I. Harris; Dr. Edward Knipling; and Dr. Barbara S. Stowe.

ASTRB has met three times during which it identified nine broad issues of concern for the U.S. agricultural system. They are:

- Structure of U.S. agriculture
- Rural Revitalization
- Safe, Nutritious, and Affordable Food Supply
- Relationship of Agriculture with the Public
- Agricultural/Environmental Interface
- Science and Education Infrastructure
- Resilience and Regenerative Capacity of Agriculture
- Human Capital
- Global Agriculture

For each issue, key elements were defined, goals for accomplishment identified, and recommendations for achievement of the goal identified. Further, it was recognized that the nine issues identified are interconnected.

The Board identified eight technologies or families of technologies that it believes have the potential to significantly affect agriculture and rural life. They are:

1. Biotechnology
2. Electronic-related technologies
3. Farming systems
4. Food processing and inspection
5. Value-added processes and alternative uses
6. Risk assessment and avoidance
7. Energy
8. Waste management

***Action Requested:***

None

***Action Taken:***

Regional Research Initiatives  
 ESCOP Spring Meeting-- April 21, 1993

Presenter: Walter Woods

BACKGROUND INFORMATION:

The Committee of Nine has requested from the Regional Associations their reactions to several recommendations. The recommendations are given on the attached sheet dated September 11, 1992 on proposed changes in the process of conducting regional research. Each of the regional associations have discussed it and the final action is planned for the May meeting of Committee of Nine.

It is evident that several additional steps must be taken to create the most positive environment for regional research. Several early observations would suggest the following must be encouraged:

1. Create a more effective training program for Directors, Administrative Advisers, CSRS representatives and program participants involved in regional research. The development of a training video with appropriate check sheets for administrative advisers is being considered.

2. Help establish appropriate forward looking agenda for Regional Research, C-9 and Regional Associations.

3. Seek appropriate attention to funding the scientific effort identified in regional projects. Emphasize that the quality of science in projects cannot be less than the best. In order to accomplish the objective of better funding it will be important to evaluate current and future projects in relation to regional and national priorities. It appears there are too many regional projects as judged by level of support for individual scientists. Further, the variation in funding of participating stations for regional projects is very great. This variation creates a great difference in the ability of participating scientists to contribute to the research output of the project.

4. There are imagined by scientists a lot of issues to prevent them from participating in regional research. The goal must be to remove as many barriers to efficient and effective planning, coordination and implementing regional projects as feasible. This would help foster an environment that the most productive scientists would participate in regional research.

5. Establish a consensus on the issues limiting Regional Research to achieve its potential. Then establish a process to help remove the issues or to establish appropriate responses to the issues to create a better understanding in the system. A list of issues has been developed that will serve as the focus for the future.

6. To facilitate the processing of NRP and NRSP the Regional Research Office will communicate to the system that they will serve to coordinate the movement of these projects during

evaluation and approval.

ACTION REQUESTED: No specific action is requested. Input is requested to determine if the proposed action is in line with the appropriate targets for Regional Research.

# **EARLY OBSERVATIONS OF NEED**

- **Review of Regional Research**
- **Training Program for Directors, Administrative Advisers, CSRS Representatives, Department Head and Project Scientists.**
- **Regional Research, C-9 and Regional Associations need forward looking agendas.**
- **Evaluate R.R. Portfolio in relationship to regional and national priorities.**
- **Move to eliminate as many perceived and real barriers as possible.**
- **Need a consensus on issues to address.**
- **Need to be sure most productive scientists are involved in Regional Research.**
- **Regional Research office handles NRP and NRSP movement in process of approval.**

# **Recommendation of C-9**

- **Submission of operating budget at the same time as scientists effort.**
- **Decentralization of the review process.**
- **Training session for new administrative advisors.**
- **Workshop for C-9 and RRC to discuss procedures, etc.**
- **To obtain accomplishment report and get them circulated.**
- **Encourage CSRS representatives to participate at critical times.**

# **Plan To Do**

- Conduct review of regional research.
- Develop video with appropriate Check Sheet.
- Hold work session with Regional Research Committees and C-9 after review of regional research is completed.
- Regional Research Office handle process for NRP and NRSP.
- Challenge system to streamline process to be more responsive.