

# Minutes of the Meeting of The Western Association of Agricultural Experiment Station Directors



Embassy Suites Tucson - Paloma Village  
March 18 - 20, 2008

## Summary of Actions/Assignments

### Actions:

1. Approved Agenda and Briefs..... 5
2. Approved Minutes of September 17, 2007 WAAESD Meeting..... 5
3. Approved Treasurer's Report. .... 8
4. Approved off-the-top funding for the following projects at the request level:..... 16
  - NRSP001 -\$346,829
  - NRSP003 - \$50,000
  - NRSP004 - \$481,182
  - NRSP005 - \$145,678, with a recommendation to remove F&A line item
  - NRSP006 - \$150,000
  - NRSP007 - \$325,000
  - NRSP\_TEMP101 - \$300,000. A suggestion is for the committee to get breeders involved in Challenge 5.
5. Approved the following regional trusts:..... 16
  - W006 -\$386,245
  - W106 - \$100,000.
6. Approved NRSP008 at \$400,000, as there was not enough justification for the additional \$100,000 of the request. The request may be reconsidered at the summer meeting if the justification for the additional \$100,000 is provided.. .... 16
7. Approved continuation of \$500 membership support for NCFAR..... 22
8. Approved WAAESD office budget with adjustments in salaries and benefits for the ED and staff as determined by the WDA and Colorado State legislature..... 50
9. Unanimously approved three resolutions: (1) University of Arizona; (2) Vicki McCracken; and (3) Paul R. Krausman..... 60

### WAAESD Assignments:

- I. Jan Auyong and Harrington to inquire if Larry Curtis would serve as representative from Western Region to ESCOP Science and Technology Committee.. .... 29
- II. Harrington to inquire if California will consider hosting the Spring 2009 meeting: Preferences are; #1 Napa Valley, #2 Fresno State (Charles Boyer), or #3 Las Vegas, NV..... 58

**Joint Meeting Assignments:**..... 90

### External Partnerships

Increase involvement in WGA and CSG-West

WHO: Regional Chairs, Lyla Houglum and MikeHarrington

## **Potential AES-Extension Partnerships:**

- I. Initiate development committee sustainable energy use and development for small communities - Multistate Committee e.g. 500 series or WERA, involve the WRDC

WHO: LeRoy Daugherty, Carol Lewis, WRDC Director, Ed Martin

- II. Initiate Multistate Consortium and 500 series for renewable energy
- Association with sub-regional foci?
  - Examine North Central Bioenergy Consortium's model
  - Implement programs based on competitive advantage
  - Might include State Energy Offices, State Directors of Ag, Colleges of Engineering, Natural Resources/Forestry, ARS

WHO: Regional Chairs, Lyla Houghlum, Mike Harrington, Chuck Gay, Jim Christenson, Glen Whipple, Ralph Cavalieri, Ron Pardini, Thayne Dutson, Jan Auyong, Paul McCawley

- III. Funding:
- Participant contributions to jump start effort and leverage additional funds
  - Contact Energy Foundation for grant information

WHO: Consortium participants, Mike Harrington, Lyla Houghlum

- IV. Implement multistate or regional training for staff on energy issues
- Workshops, training sessions
  - Curriculum development, education materials
  - Interpretation of regulations, laws, etc.

WHO: TBD: Charley Kinoshita? WSU Energy Center? 3 specialists in PNW might be tapped to train the trainers

## **Education:**

Implement in-service energy education programs targeted at K-12 teachers and after school programs (NSF Program, DOEd Program, and NRI Integrated)

WHO: Carol Lewis, Greg Bohach, Mike Harrington, Lyla Houghlum

# Table of Contents

Participants .....	1
Agenda.....	1
1.0 Call to Order/Welcome/Introductions .....	4
2.0 Approval of Agenda and Minutes of September 2007 meeting ( <a href="http://www.colostate.edu/Orgs/WAAESD/WAAESD/F07Min.pdf">http://www.colostate.edu/Orgs/WAAESD/WAAESD/F07Min.pdf</a> ) .....	5
3.0 Chair's Report, Interim Actions, Executive Committee Report .....	6
4.0 Treasurer's Report .....	7
5.0 ARS Report .....	9
6.0 Off-the-Top Funding Requests .....	16
7.0 One Solution/CIS .....	17
8.0 National Plant Germplasm Coordinating Committee .....	19
9.0 SunGrant Initiative .....	20
10.0 NC-FAR Membership Renewal .....	22
11.0 ESCOP Budget and Legislative Committee Report .....	24
12.0 ESCOP Communications and Marketing Committee .....	26
13.0 ESCOP Science and Technology Update .....	28
14.0 CREATE-21/Farm Bill Update .....	30
15.0 President's 2009 Budget Request .....	31
16.0 Best Practices Session on Maintaining Livestock and Greenhouse Facilities, Per Diem Rates, etc. ....	39
17.0 Coping with the 2007 CR, especially Multistate Activities .....	40
18.0 NRSP-6 Update, ARS US Potato Genebank, Sturgeon Bay, WI .....	41
19.0 USDA UV-B Monitoring and Research Program, Colorado State University .....	42
20.0 ED Annual Report and Evaluation .....	46
21.0 FY 2009 Office Budget .....	49

22.0	Measuring Faculty Productivity .....	51
23.0	Follow up on Joint WAAESD/WEDA discussions .....	52
24.0	State Issues Discussion .....	56
25.0	Future Meetings .....	58
26.0	Resolutions .....	59
27.0	Consent Agenda Items: .....	61
27.1	State Reports.....	61
27.2	Potato Workers' Code of Ethics.....	85

REPORTS PRESENTED TO JOINT WAAESD/WEDA:

RCIC Report.....	86
Summary of Association Discussions, Actions on Energy Agreements. ....	90

## WAAESD Meeting

### Participants:

Alaska	Carol Lewis	Washington	Ralph Cavaliere
Arizona	C. Colin Kaltenbach		Michael Kahn
	Joe Hiller	Wyoming	Stephen Miller
Colorado	Lee Sommers		Bret Hess
Guam	Greg Wiecko	OTHERS:	
Hawaii	C. Y. Hu	ARS	Andrew C. Hammond
	Doug Vincent		Michael McGuire
Idaho	Greg Bohach	CSREES	Ralph Otto
Montana	Jeff Jacobsen	ESCOF	Bruce McPheron
Nevada	Ron Pardini	W. Exec. Dir.	H. Michael Harrington
New Mexico	LeRoy Daugherty	OWDA	Harriet Sykes
Oregon	Thayne Dutson		
	Jan Auyong		

## AGENDA Spring WAAESD Meeting

**TUESDAY, MARCH 18**

### **WAAESD SESSION I**

8:00	1.0	<i>Call to Order/Welcome/Introductions</i>	<i>Greg Bohach</i>
8:05	2.0	<i>Approval of Agenda and Minutes of September 2007 meeting</i> <a href="http://www.colostate.edu/Orgs/WAAESD/WAAESD/F07Min.pdf">(<a href="http://www.colostate.edu/Orgs/WAAESD/WAAESD/F07Min.pdf">http://www.colostate.edu/Orgs/WAAESD/WAAESD/F07Min.pdf</a>)</a>	<i>Greg Bohach</i>
8:10	3.0	<i>Chair's Report, Interim Actions, Executive Committee Report</i>	<i>Greg Bohach</i>
8:15	4.0	<i>Treasurer's Report</i>	<i>Jeff Jacobsen</i>
8:20	5.0	<i>ARS Report</i>	<i>Andy Hammond, ARS Pacific West Area</i>
8:40	6.0	<i>Off-the-Top Funding Requests</i>	<i>Lee Sommers/H. M. Harrington</i>
9:00	7.0	<i>One Solution/CIS</i>	<i>Colin Kaltenbach</i>
9:10	8.0	<i>National Plant Germplasm Coordinating Committee</i>	<i>Lee Sommers</i>
9:25	9.0	<i>SunGrant Initiative</i>	<i>Jan Auyong</i>

9:40 10.0 NC-FAR Membership Renewal

H. M. Harrington

### **WEDNESDAY, MARCH 19**

#### **WAAESD SESSION II**

			<b>Reconvene/Call to Order</b>	<b>Greg Bohach</b>
8:00	11.0	ESCOP Budget and Legislative Committee Report		Jeff Jacobsen/H. M. Harrington
8:20	12.0	ESCOP Communications and Marketing Committee		Ron Pardini
8:35	13.0	ESCOP Science and Technology Update		Greg Bohach
8:50	14.0	CREATE-21/Farm Bill Update		H. M. Harrington
9:05	15.0	President's 2009 Budget Request		H. M. Harrington, all
10:00	16.0	Best Practices Session on Maintaining Livestock and Greenhouse Facilities, Per Diem Rates, etc.		Greg Bohach, Ron Pardini, all
11:15	17.0	Coping with the 2007 CR, especially Multistate Activities		CY Hu, all

#### **WAAESD SESSION III**

			<b>Reconvene/Call to Order</b>	<b>Greg Bohach</b>
1:30	18.0	NRSP-6 Update, ARS US Potato Genebank, Sturgeon Bay, WI		John Bamberg
2:00	19.0	USDA UV-B Monitoring and Research Program, Colorado State University		Wei Gao
2:30	20.0	ED Annual Report and Evaluation		Greg Bohach
2:45	21.0	FY 2009 Office Budget		H. M. Harrington/ Harriet Sykes
3:15	22.0	Measuring Faculty Productivity		CY Hu, All
4:30	23.0	Follow up on Joint WAAESD/WEDA discussions		Greg Bohach

### **THURSDAY, MARCH 20**

#### **WAAESD SESSION IV**

			<b>Reconvene/Call to Order</b>	<b>Greg Bohach</b>
10:00	24.0	State Issues Discussion		All
11:00	25.0	Future Meetings		
			Possible Joint Meeting with SAAESD	

11:30	26.0	<i>Resolutions</i>	<i>Jan Auyong/Greg Bohach</i>
	27.0	<i>Consent Agenda Items:</i>	
	27.1	<i>State Reports</i>	<i>All</i>
	27.2	<i>Potato Workers' Code of Ethics</i>	<i>Lee Sommers</i>
	27.3	<i>RCIC Report</i>	<i>H. M. Harrington</i>
12:00		<i>Adjourn</i>	

**Agenda Item 1.0: Call to Order/Welcome/Introductions**

**Presenter: Greg Bohach**

**Background:**

Bohach called the meeting to order and welcomed the participants to the meeting.

The attendees introduced themselves.

**Action Requested:** For information

**Agenda Item 2.0: Approval of Agenda and Minutes of September 2007 Meeting**

**Presenter: Greg Bohach**

**Background:**

Bohach requested a motion for approval of the Agenda and approval of the Minutes of the September 2007 Meeting (<http://www.colostate.edu/Orgs/WAAESD/WAAESD/F07Min.pdf>).

**Action Requested: Approval of the Agenda and approval of the Minutes of the September 2007 Meeting**

**Action Taken: Approved Agenda and Briefs as circulated  
Approved Minutes of September 17, 2007 WAAESD Meeting as posted on the WAAESD web site.**

**Agenda Item 3.0: Chair's Report, Interim Actions, Executive Committee Report**

**Presenter: Greg Bohach**

**Background:**

Bohach reported that he had taken no interim actions. Items discussed during the Executive Committee Meeting, held March 17, 2008, will be discussed as part of the meeting agenda.

**Action Requested: For information**

**WESTERN DIRECTOR EXPERIMENT STATION  
FINANCIAL STATEMENT  
FY 2008**

04-Mar-08

<b>ASSESSMENTS</b>	<b>FY08 Assessments</b>	<b>Outstanding FY06/FY07</b>	<b>Payment Received</b>	<b>Balance Due</b>
Am Samoa	600.00	1,200.00	2,122.35	-322.35 overpayment
Micronesia	600.00		600.00	0.00
<b>Northern Marianas</b>	600.00			600.00
Alaska	9,664.65		9,664.65	0.00
Arizona	16,802.54		16,802.54	0.00
California	25,771.68		25,771.68	0.00
Colorado	19,990.87		12,190.87	7,800.00
CSU Rent	(7,800.00)			-7,800.00
Guam	9,425.32		9,425.32	0.00
Hawaii	12,463.61		12,463.61	0.00
Idaho	14,940.04		14,940.04	0.00
Montana	15,772.43		15,772.43	0.00
Nevada	12,255.53		12,255.53	0.00
New Mexico	12,682.13		12,682.13	0.00
Oregon	19,008.43		19,008.43	0.00
Utah	16,567.25		16,567.25	0.00
Washington	24,449.25		24,449.25	0.00
Wyoming	14,201.27		14,201.27	0.00
<b>Assessment Total</b>	<b>\$217,995.00</b>	<b>\$1,200.00</b>	<b>\$218,917.35</b>	<b>277.65</b>

**INCOME/EXPENSE**

<b>Date</b>	<b>Transaction</b>	<b>Income</b>	<b>Expense</b>	<b>Balance</b>
07/01/07	Balance forward			\$7,518.21
	YTD Assessments Receiver	218,917.35		226,435.56
	July Interest	57.89		226,493.45
	August Interest	58.05		226,551.50
	September Interest	57.29		226,608.79
	October Interest	181.44		226,790.23
	November Interest	439.61		227,229.84
	December Interest	446.57		227,676.41
	January Interest	402.76		228,079.17
	February Interest			228,079.17
	March Interest			228,079.17
	April Interest			228,079.17
	May Interest			228,079.17
	June Interest			228,079.17
	MT Accounting Fee		3,500.00	224,579.17
11/21/07	CSU First Qtr		56,448.75	168,130.42
11/21/07	CSU Second Qtr		56,448.75	111,681.67
02/29/08	CSU Third Qtr		56,448.75	55,232.92
	CSU Fourth Qtr			55,232.92
	<b>TOTAL</b>	<b>220,560.96</b>	<b>172,846.25</b>	<b>55,232.92</b>

**WESTERN DIRECTOR ACADEMIC PROGRAMS  
FINANCIAL STATEMENT  
FY 2008**

4-Mar-08

<b>ASSESSMENTS</b>	<b>FY08 Assessments</b>	<b>Outstanding FY06/FY07</b>	<b>Payment Received</b>	<b>Balance Due</b>
Alaska	1,181.93		1,181.93	\$0.00
American Samoa	200.00	\$400.00	600.00	\$0.00
Arizona	1,181.93		1,181.93	\$0.00
California	1,181.93	1,120.21	2,302.14	\$0.00
Colorado	1,181.93		1,181.93	\$0.00
Guam	1,181.93		1,181.93	\$0.00
Hawaii	1,181.93		1,181.93	\$0.00
Idaho	1,181.93		1,181.93	\$0.00
Micronesia	200.00		200.00	\$0.00
Montana	1,181.93		1,181.93	\$0.00
<b>Northern Marianas</b>	200.00			\$200.00
Nevada	1,181.93		1,181.93	\$0.00
New Mexico	1,181.93		1,181.93	\$0.00
Oregon	1,181.93		1,181.93	\$0.00
Utah	1,181.93		1,181.93	\$0.00
Washington	1,181.93		1,181.93	\$0.00
Wyoming	1,181.93		1,181.93	\$0.00
<b>Assessment Total</b>	<b>\$17,147.00</b>	<b>\$1,520.21</b>	<b>\$18,467.23</b>	<b>\$199.98</b>

**INCOME/EXPENSE**

<b>Date</b>	<b>Transaction</b>	<b>Income</b>	<b>Expense</b>	<b>Balance</b>
07/01/07	Balance forward			\$1,029.07
	YTD Assessments Received	18,467.23		19,496.30
	July Interest	0.00		19,496.30
	August Interest	0.00		19,496.30
	September Interest	0.00		19,496.30
	October Interest	0.00		19,496.30
	November Interest	0.00		19,496.30
	December Interest	0.00		19,496.30
	January Interest	0.00		19,496.30
	February Interest			19,496.30
	March Interest			19,496.30
	April Interest			19,496.30
	May Interest			19,496.30
	June Interest			19,496.30
11/21/2007	CSU First Qtr		4,286.75	15,209.55
11/27/2007	CSU Second Qtr		4,286.75	10,922.80
2/29/2008	CSU Third Qtr		4,286.75	6,636.05
	CSU Fourth Qtr			6,636.05
<b>TOTAL</b>		<b>\$18,467.23</b>	<b>\$12,860.25</b>	<b>6,636.05</b>

## **Agenda Item 5.0: ARS Report**

**Presenter: Andy Hammond**

**Background:**

# **ARS REPORT**

## **LEADERSHIP**

### **Pacific West Area**

Directors: Vacant, Andy Hammond, Bob Matteri  
Alaska, Arizona, California, Hawaii, Idaho, Nevada, Oregon, Washington

### **Northern Plains Area**

Directors: Will Blackburn, Larry Chandler, Mickey McGuire  
Colorado, Kansas, Montana, Nebraska, North Dakota, South Dakota, Utah, Wyoming

### **Southern Plains Area**

Directors: Dan Upchurch, James Coppedge  
Arkansas, New Mexico, Oklahoma, Texas, (Panama)

## **FACILITIES CONSTRUCTION**

### **Pacific West Area**

Albany, CA – Western Regional Research Center, Research and Development Facility Modernization. Two of six phases complete. Some progress on a third phase. Remaining phases awaiting additional appropriations.

Davis, CA – Center for Advanced Viticulture and Tree Crop Research. In planning and design phase. Progress awaits additional appropriations for construction.

Salinas, CA – Salinas Agricultural Research Center. Design completed. Construction of Phase 1 of 3 awaiting additional appropriations.

Hilo, HI – U.S. Pacific Basin Agricultural Research Center. Phase 1 completed and occupied in 2007. Redesign for revised scope of Phase 2 and 3 is ongoing.

Hagerman (Billingsley, Creek), ID – National Trout Production and Evaluation Facility. Conceptual design is complete. Construction awaits additional appropriations.

Pullman, WA – Pullman ARS Research Laboratory. Design is 35% complete for original project scope. Construction awaits additional appropriations.

### **Northern Plains Area**

Bozeman, MT - Animal Bioscience Research facility. Program of Requirements completed. Design initiated. Construction funding needed.

Miles City, MT - Fort Keogh Modernization. Planning and Design and some construction money appropriated.  
Sidney, MT - Biological Control and Soil Conservation Research Laboratory. Design build contract for a BL-2 Quarantine Laboratory has been awarded.  
Logan, UT – ARS Agricultural Research Center. Facility needs study completed.

## **Southern Plains Area**

None

## **BUDGET**

### **FY 2008 Omnibus Appropriations Bill**

\$1.12 Billion – ARS Programs

- No new or expanded projects
- No pay cost
- .7% across-the-board reduction

\$46.8 Million – ARS Buildings and Facilities

Pacific West Area:

- \$1.87 Million – Center for Advanced Viticulture and Tree Crop Research, Davis, CA
- \$1.87 Million – U.S. Agricultural Research Center, Salinas, CA
- \$1.74 Million – U.S. Pacific Basin Agricultural Research Center, Hilo, HI
- \$.70 Million – Aquaculture Facility, Hagerman, Billingsly Creek, ID
- \$1.87 Million – ARS Research Laboratory, Pullman, WA

Northern Plains Area:

- \$1.87 Million – Animal Bioscience Facility, Bozeman, MT
- \$1.39 Million – Systems Biology Research Facility, Lincoln, NE
- \$5.56 Million – ARS Agricultural Research Center, Logan, UT

Southern Plains Area:

- \$1.39 Million – U.S. Agricultural Research Facility, Knipping-Bushland Laboratory, Kerrville, TX

### **FY 2009 President's Budget**

\$1.04 Billion – ARS Programs

- \$84 Million Reductions
- \$62 Million Redirections

\$54.0 Million Rescission – ARS Buildings & Facilities

- \$13.2 Million – Biocontainment Laboratory and Consolidated Poultry Research Facility, Athens, Georgia
- \$67.2 Million Rescission

#### ARS Initiatives

- Food Safety
- Obesity Prevention
- Water Reuse in Agricultural Systems
- Crop and Animal Protection
- Ag Genomics, Germplasm and Cultures
- Bioenergy and Bioproducts
- Library and Information Services
- Colony Collapse Disorder

### WESTERN ARS LOCATIONS

#### ALASKA

##### Fairbanks

Subarctic Agricultural Research Unit, Dr. Alberto Pantoja, Research Leader

##### Palmer

Arctic Germplasm Preservation (Worksite of Fairbanks Research Unit), Dr. Alberto Pantoja, Research Leader

#### ARIZONA

##### Maricopa

U.S. Arid Land Agricultural Research Center, VACANT, Center Director (Dr. Bert Clemmens, Acting CD)

- Pest Management and Biocontrol Research Unit, Dr. Steve Naranjo, Research Leader
- Plant Physiology and Genetics Research Unit, Dr. Mike Salvucci, Research Leader
- Water Management and Conservation Research Unit, Dr. Bert Clemmens, Research Leader

##### Tucson

Carl Leader Hayden Bee Research Center, Dr. Gloria DiGrandi-Hoffman, Research Leader

Southwest Watershed Research Center, Dr. Mark Nearing, Research Leader

#### CALIFORNIA

##### Albany

Western Regional Research Center, Dr. James Seiber, Center Director

- Genomics and Gene Discovery Research Unit, Dr. Olin Anderson, Research Leader
- Crop Improvement and Utilization Research Unit, Dr. Maureen Whalen, Research Leader
- Processed Foods Research Unit, Dr. Tara McHugh, Research Leader
- Bioproduct Chemistry and Engineering Research Unit, Dr. William Orts, Research Leader
- Produce Safety and Microbiology Research Unit, Dr. Robert Mandrell, Research Leader

- Foodborne Contaminants Research Unit, Dr. J. Mark Carter, Research Leader
- Plant Mycotoxins Research Unit, Dr. Bruce Campbell, Research Leader
- Exotic and Invasive Weeds Research Unit, Dr. Raymond Carruthers, Research Leader

Plant Gene Expression Center, Dr. Sarah Hake, Center Director

Davis

Crops Pathology/Genetics Research Unit, Dr. Dan Kluepfel, Research Leader  
 National Clonal Germplasm Repository for Tree Fruit/Nut Crops and Grapes, Dr. Ed Stover (transferring to Ft. Pierce 4/27/08), Research Leader

Western Human Nutrition Research Center, Dr. Lindsay Allen, Center Director

- Obesity and Metabolism Research Unit, VACANT, Research Leader
- Immunity and Disease Prevention Research Unit, VACANT, Research Leader

Exotic & Invasive Weeds Research (Worksite of Albany EIW Research Unit), Dr. Raymond Carruthers, Research Leader

Parlier

San Joaquin Valley Agricultural Sciences Center, Dr. Ed Civerolo, Center Director

- Water Management Research Unit, Dr. Dong Wang, Research Leader
- Crop Diseases, Pests and Genetics Research Unit, Dr. Drake Stenger, Research Leader
- Commodity Protection and Quality Research Unit, Dr. James Leesch, Research Leader

Arid Land Plant Genetic Resources (Worksite of WRPIS, Pullman), Jinguo Hu, Research Leader (effective March 31, 2008)

Riverside

George E. Brown Jr. Salinity Laboratory, Dr. Donald Suarez, Laboratory Director

- Water Re-use and Remediation Research Unit, Dr. Donald Suarez, Research Leader
- Contaminant Fate and Transport Research Unit, Dr. Scott Yates, Research Leader

National Clonal Germplasm Repository for Citrus and Dates, Dr. Richard Lee, Research Leader

Salinas

Crop Improvement and Protection Research Unit, Dr. James McCreight, Research Leader

Shafter

Western Integrated and Cropping Systems Research Unit, Dr. Dale Spurgeon, Research Leader

**COLORADO**

Akron

Central Great Plains Research Station, Dr. Merle Vigil, Research Leader

Fort Collins

Rangeland Resources Research Unit, Dr. Jack Morgan, Research Leader

Sugarbeet Research Unit, Dr. Lee Panella, Research Leader

National Center for Genetic Resources Preservation Center, VACANT, Center Director

- Center was restructured into one management unit led by a Research Leader/Center Director. (Dr. Dave Ellis, Acting CD). Recruitment for a permanent RL in progress.

Agricultural Systems Research Unit, Dr. Lajpat Ahuja, Research Leader  
 Soil Plant Nutrient Research Unit, Dr. Ron Follett, Research Leader  
 Water Management Research Unit, Dr. Tom Trout, Research Leader

## HAWAII

### Hilo

U.S. Pacific Basin Agricultural Research Center, Dr. Dennis Gonsalves, Center Director

- Tropical Plant Genetics Resource Management Research Unit, Dr. Frances Zee, Research Leader
- Tropical Plant Physiology, Disease, and Production Research Unit, VACANT, Research Leader
- Tropical Plant Pests Research Unit, Dr. Eric Jang, Research Leader
- Postharvest Tropical Commodities Research Unit, VACANT, Research Leader

## IDAHO

### Aberdeen

Small Grains and Potato Germplasm Research Center, Dr. J. Michael Bonman, Research Leader

### Boise

Northwest Watershed Research Center, Dr. Fred Pierson, Research Leader

### Dubois

U.S. Sheep Experiment Station, Dr. Greg Lewis, Research Leader

### Hagerman

National Trout Production and Evaluation Facility (Worksite of Small Grains and Potato Research Center), Dr. J. Michael Bonman, Research Leader

### Kimberly

Northwest Irrigation, Soils, Research Laboratory, VACANT, Research Leader

### Parma

Viticulture Research (Worksite of Horticultural Crops Research Unit, Corvallis), Dr. Robert Martin, Research Leader

## MONTANA

### Miles City

Fort Keogh Livestock and Range Research Unit, Dr. Lance Vermiere, Acting Research Leader (recruit for permanent Research Leader in process)

### Sidney

Northern Plains Agricultural Research Laboratory

- Agricultural Systems Research Unit, Dr. Robert Evans, Research Leader
- Pest Management Research Unit, Dr. John Gaskin, Research Leader

## NEVADA

### Reno

Exotic and Invasive Weeds Research Unit (Worksite of Albany EIWRU), Dr. Raymond Carruthers, Research Leader

## NEW MEXICO

### Las Cruces

Cotton Ginning Research Unit, Mr. Sidney Hughs, Research Leader  
 Range Management Research Unit, Dr. Kris Havstad, Research Leader

## OREGON

## Burns

Range and Meadow Forage Management Research Unit, Dr. Tony Svejcar, Research Leader

## Corvallis

Horticultural Crops Research Unit, Dr. Robert Martin, Research Leader

Forage Seed and Cereal Research Unit, Dr. Gary Banowetz, Research Leader

National Clonal Germplasm Repository, Dr. Kim Hummer, Research Leader

## Newport

Pacific Shellfish Aquaculture (Worksite of Forage Seed and Cereal Research Unit, Corvallis), Dr. Gary Banowetz, Research Leader

## Pendleton

Columbia Plateau Conservation Research Center, Dr. Daniel Long, Research Leader

## UTAH

### Logan

Forage and Range Research Unit, Dr. Jack Staub, Research Leader

Poisonous Plant Research Unit, Dr. Kip Panter Acting RL, Recruitment for permanent RL in progress

Pollinating Insect-Biology, Management Systematics Research Unit, Dr. Rosalind James, Research Leader

## WASHINGTON

### Prosser

Vegetable and Forage Crops Production Research Unit, Dr. Ashok Alva, Research Leader

Viticulture Research (Worksite of Horticultural Crops Research Unit, Corvallis), Dr. Robert Martin, Research Leader

Temperate Forage Legume Genetic Resources (Worksite of WRPIS, Pullman), Jinguo Hu, Research Leader (effective March 31, 2008)

### Pullman

Western Regional Plant Introduction Station, Jinguo Hu, Research Leader (effective March 31, 2008)

Wheat Genetics, Quality, Physiology and Disease Research Unit, Dr. Daniel Skinner, Research Leader

- Western Wheat Quality Laboratory, Dr. Craig Morris, Supervisor

Animal Disease Research Unit, Dr. Don Knowles, Research Leader

Land Management and Water Conservation Research Unit, Dr. Donald McCool, Research Leader

Root Disease and Biological Control Research Unit, Dr. David Weller, Research Leader

Grain Legume Genetics Physiology Research Unit, Dr. George Vandemark, Research Leader

### Wenatchee

Physiology and Pathology of Tree Fruits Research Unit, Dr. James Mattheis, Research Leader

### Wapato

Fruit and Vegetable Insect Research Unit, Dr. Peter Landolt, Research Leader

## WYOMING

### Laramie

Arthropod Borne Animal Disease Research Unit, Dr. Bill Wilson, Acting Research Leader, Recruitment suspended pending outcome of '09 budget process proposing transfer of all personnel to Ames, IA

Cheyenne

(see Ft. Collins Rangeland Resources Research Unit

**Action Requested: For information**

2009

Requests for Off-the-Top Funding

Project	Request FY 2006	Authorized FY 2006	Request FY 2007	Authorized FY 2007	Request FY 2008	Authorized FY 2008	Request FY 2009	Action Needed
NRSP-1	306,916	306,916	315,524	315,524	337,574	337,574	346,829	1 yr budget recommendation
NRSP-3	84,000	84,000	72,000	72,000	61,000	61,000	50,000	1 yr budget recommendation
NRSP-4	481,172	481,172	481,182	481,182	481,182	481,182	481,182	1 yr budget recommendation
NRSP-5	146,000	146,000	96,000	96,000	146,000	146,000	145,678	1 yr budget recommendation
NRSP-6	151,900	150,000	110,000	110,000	110,000	150,000	150,000	1 yr budget recommendation
NRSP-7			0	326,018	542,700	325,000	325,000	1 yr budget recommendation
NRSP-8	400,000	400,000	400,000	400,000	400,000	400,000	500,000	1 yr budget recommendation
NRSP_TEMP101							300,000	1 yr budget recommendation

Regional Trusts:

W006	365,000	365,000	365,000	365,000	371,649	365,000	386,245	1 yr budget recommendation
W106		100,000		100,000		100,000	100,000	1 yr budget recommendation

Project

Title

NRSP-1	Research Planning Using the Current Research Information System (CRIS)
NRSP-3	The National Atmospheric Deposition Program (NADP)
NRSP-4	High Value Specialty Crop Pest Management
NRSP-5	National Program for Controlling Virus Diseases of Temperate Fruit Tree Crops
NRSP-6	Inter-Regional Potato Introduction Project: Acquisition, classification, preservation, evaluation and distribution of potato (Solanum germplasm)
NRSP-7	A National Agricultural Program for Minor Use Animal Drugs
NRSP-8	National Animal Genome Research Program
NRSP_TEMP101	USDA UV-B Monitoring and Research Program: Enhancement of Network Data Products, Research Support, and National Research Collaboration
W006	Plant Genetic Research Conservation and Utilization
W106	Multistate Research Coordination, Western Region

## **Agenda Item 7.0: One Solution/CIS**

**Presenter: Colin Kaltenbach**

### **Background:**

Members of the ESCOP NRSP Review Committee and the NRSP-1 Technical Committee met on November 28-29, 2007 with representatives from CSREES to discuss the current status of and timeline for the implementation of One Solution.

The meeting resulted in some important new understandings and recommendations to ESCOP and the SAES system:

The One Solution Initiative is a comprehensive approach to develop a management strategy that CSREES can use to improve the quality and comprehensiveness of reports to OMB and Congress.

One Solution is far from finished and not ready to be released in the near future.

CSREES will be implementing a One Solution integrated reporting system, referred to as the CSREES Information System (CIS) over the next several years. One Solution is the overall umbrella and CIS is just one element of One Solution.

The goals of One Solution include the ability to reuse and combine existing data from various separate reporting systems; standardize reporting requirements and definitions; and maintain the CRIS legacy database but make it more accessible by migrating it to new CIS platform.

The first step towards an integrated CIS is the CRIS Transition Standard Report. More standardized CRIS AD416 (Work Unit Description) and AD421 (Accomplishment Report) reports were released on October 1, 2007. There are no plans to revise the AD417 (Classification) form at this time. The revised reporting forms will provide a more consistent format for project directors who may be reporting on multiple types of CSREES grants. Revisions to the forms are consistent with the Generic Logic Model and the definition of terms such as outputs and outcomes contained therein.

There are no plans to require CRIS type reporting of Smith Lever 3b & c funds. There should be no substantial changes to Extension reporting.

The transition to standardized reporting is being driven by OMB and moves CSREES towards the language used in the Draft Format of the Research Performance Progress Report (RPPR) published in the Federal Register by NSF. RPPR provides a uniform format for reporting performance on federally-funded research projects. Links to the Federal Register notice and the draft reporting format can be found at:

<http://a257.g.akamaitech.net/7/257/2422/01jan20071800/edocket.access.gpo.gov/2007/07-5601.htm>

<http://www.nsf.gov/bfa/dias/policy/rppr/draftformat.pdf> .

A One Solution Stakeholders Group, consisting of representatives from the research, education and extension communities, has been formed to provide guidance to the transition to CIS. It will be important for this group to meet with both the CSREES IT leadership but also the CSREES policy leadership. It is critical that the system continue to provide feedback and input as we transition to CIS.

CSREES National Program Leaders will be able access CIS data through the Leadership Management Dashboard. A similar system is being considered to accommodate institutions' needs but funding is not currently available to develop it.

Members of the NRSP Review Committee and NRSP-1 Committee reviewed the draft format of the RPPR and have developed a set of comments for ESCOP Chair, Bruce McPheron, to submit.

**Action Requested: For information**

## **Agenda Item 8.0: National Plant Germplasm Coordinating Committee**

**Presenter: Lee Sommers**

### **Background:**

A conference call of the NPGCC was held on February 27, 2008. A summary of our discussions follows.

#### **NPGS Update – Peter Bretting**

- a. Norway – germplasm vault opened for germplasm preservation
    - i. 10,000 samples shipped from US
    - ii. Norway government funded construction, Global Crop Diversity Trust in Rome will fund maintenance and operations
  - b. ARS & Biodiversity International partnered with World Bank (focuses on building gene bank capacity) to support transformation of GRIN to state of the art version that can be adapted to desktop PC's as well as large services
    - i. Make user interface friendly
    - ii. Better for curators
    - iii. Interfaces better with genebank databases
    - iv. Will be called GRIN Global
  - c. Budget for National Plant Germplasm System
    - i. FY'08 was reduced ~0.7 % across the board
    - ii. President proposed '09 would reduce ARS overall by ~ 13%, but has an increase from reallocation of \$3.25 million in genomics, germplasm, and collections, which indicates it's an agency priority
    - iii. CSREES Hatch funds are proposed to be cut and majority of remaining go to competitive multistate projects
  - d. ARS programs reviews have found that National Plant Germplasm System programs are very high quality and received excellent reviews
2. Contacts with Organizations Involved in Germplasm Preservation
    - a. Organic Seed Association interested in hearing about National Plant Germplasm System and the NPGCC
    - b. ASTA is interested in designating someone as an observer
    - c. AOSCA also would like to be involved
      - i. Candy is willing to do presentation at their summer meeting
      - ii. Lee will talk to UC's rep about a NPGCC presentation at their next meeting
  3. Spring NPGCC Meeting
    - a. June 3 – Crop Germplasm Committee
    - b. June 4 – noon on June 5 – PGOC meeting
    - c. June 5 – 8:00 -5:00 NPGCC meeting
      - i. Stay at Ft. Collins Hilton
      - ii. Tours of seed lab on Thursday afternoon, about 1 hour each
      - iii. Probably have a box lunch then take 1 or 2 tours early afternoon, finish business after tours

**Action Requested: For information**

**Agenda Item 9.0: Sun Grant Initiative**  
**Presenter: Thayne Dutson/Jan Auyong**  
**Background:**

A 2004 amendment to the Farm Bill authorized the Sun Grant Initiative up to an amount of \$75 million over the term of the farm bill. No dollars have been allocated yet from this authorization. However, from 2002 to 2006, a **USDA** earmark was received for conceptualization and planning of the Sun Grant Initiative. No earmark was provided in 2007, but an earmark in 2008 is expected to focus on Life Cycle Analysis of biofuel feedstocks.

The Sun Grant Association (SGA) has used the Farm Bill legislation to "shop" for additional funds and it was successful in getting four years of funding in the Highway Bill of **US DOT** appropriated in 2005, although the first year's funds were not released until 2007. While insufficient to deploy the program as designed, this four-year funding base did give each region some dollars for a competitive grants program and for the Regional Center of Excellence (respectively 75% and 25% of \$1.47 million in FY07 and \$1.6 million in FY08). The Western Center has funded one round of competitive grants with FY07/08 dollars, with one small RFP out now to investigate unique feedstocks from the Western region. We expect another round of grants to be awarded next year to expend most of the remainder of the DOT funds. DOT is in the process of transferring the funds to another management group within DOT, but we hope it will not impact how we run this program.

SGA has been working very closely with **US DOE** and has received an OMB mark, suggested by DOE in their 2008 budget and another recommendation for their 2009 budget. Continuing Resolution and other budget negotiations may impact this mark, but a CR would likely keep most of the 08 funding level in 09 as well. These funds are for specific project outcomes and timelines (Statements of Work, Milestones etc.) and are not available for expenditure control by the Sun Grant Centers. The focus of the work is evaluating the abundance and sustainability of dedicated energy crops and use of certain types of agricultural residues. This effort between DOT and the Sun Grant regions is called the Feedstock Partnership. The first order of business was to host a biomass feedstock workshops in each of the regions, which were conducted in 2006 and 2007. The Sun Grant North Central workshop was held in fall 2006, while the Western and South Central Regional workshops were held in late summer 2007.

The next DOE tasks are to develop working groups that would conduct field trials and resource assessments for biofuel feedstocks. Teams have been formed for Corn Residues and Herbaceous Energy Crops, while planning is beginning for woody crops and cereal residues. Major efforts on the latter two items will not begin next year at the earliest. Thayne Dutson is the Sun Grant Administrative Advisor to the Cereals Group and Russ Karow is the working group chair. Russ has a plan to get started with data from NASS system as well as from experiments others are now conducting across the US, to be followed by the development of additional cereal variety trials and crop development. This allows for useful information at a low cost and removes the need for full NEPA approvals for each test.

In addition to these feedstock working groups, the DOE workplan calls for two online tools, a) the development of a GIS based resource assessment and atlas, which will access NASS data and

contain the resulting data from the Feedstock Partnership research; and b) an online encyclopedia of peer reviewed, biobased feedstock information, called BioWeb.

SGA has been collaborating with USDA REE on implementation activities for the REE Energy Science, Education and Extension Strategic Plan. Mike Harrington has been instrumental in developing USDA/REE opportunities for the Land Grant Institutions.

And finally, SGA are in also in discussion with EPA related to collaborative efforts for sustainability in the production of bio-based feedstocks and biofuels.

**Action Requested: For information**

**Agenda Item 10.0: NC-FAR Membership Renewal**

**Presenter: H. Michael Harrington**

**Background:**

The WAAESD has been a member of NC-FAR since its inception. We have received its renewal notice for 2008 dues in the amount of \$500. There have been some questions about the effectiveness of the organization; however, NC-FAR has recently adjusted its focus after realizing that affecting a doubling of the agriculture research budget was not going to happen. The new plan is attached.

It was noted that ESCOP will continue to be a member for one more year.

**Action Requested: Discussion and decision on payment**

**Action Taken: Approved continuation of \$500 membership support for NC-FAR**

## Providing Value in Support of Enhancing Federal Investment in Food & Agricultural Research, Extension and Education

### National C-FAR Assets & Role:

- **Strength Through Diversity**—Members of National C-FAR find common ground in the recognition that enhanced public funding for food and agricultural research, extension and education is vital to the future of the food and agricultural system and the nation. The coalition brings together stakeholders in the research, extension and education community and entities representing research 'customers'—e.g., the diverse array of stakeholder organizations who need and benefit from research outcomes. National C-FAR is in a position to *complement* the efforts of allied groups, such as NASULGC, CoFARM and CAST.

- **Customer-Led**—The coalition provides a critical validating voice by ensuring stakeholder groups representing research 'customers' play a leadership role in the coalition, embracing a strong partnership with those in the research, extension and education community.

- + **Leveraging Active Ownership Involvement**—National C-FAR works to keep member organizations aware of new developments and opportunities to take action. The Board is active and engaged and is strongly supported by member involvement through the Research Outreach Committee (ROC) and work groups. National C-FAR Action Program:

- + **Hill Research Seminar Series**—National C-FAR conducts a "Lunch-N-Learn" hill seminar educational series [9 in 2007, reaching about 400 hill staff] featuring top researchers discussing publicly funded, leading-edge research that promises to address present and future challenges.

- + **Participation in Farm Bill Reauthorization**—The Research Outreach Committee reports to the Board and facilitates the National C-FAR's role in the Farm Bill reauthorization process.

- + **Support for NIFA**—National C-FAR supported legislation to establish a National Institute for Food and Agricultural Research (NIFA) in USDA. The NIFA debate has helped to elevate the profile of the need for enhanced public funding for food and agricultural research. National C-FAR is well positioned to take advantage of such opportunities in supporting public funding for food and agricultural research, extension and education.

- + **Active Support for Funding in Appropriations Cycle**—National C-FAR submits comments to the appropriations and budget committees and during the federal FY budget process each year in support of maintaining and enhancing public investment in food and agricultural research, extension and education.

- **Research Success Profiles**—National C-FAR produces and distributes a series of 1-page Research Success Profiles to key hill staff and other target audiences (Administration and food & agricultural media) illustrating examples of how public funding of food and agricultural research, extension and education yields tremendous returns on investment to the food and agricultural system and the public.

**Agenda Item 11.0: Budget and Legislative Committee**

**Presenters: Jeff Jacobsen and Mike Harrington**

**Background:**

**FY 08 Budget**

While the final FY 2008 budget numbers are known, CSREES has not yet released final allocation figures. To this date, distributions have been made on historical FY '06 figures which have caused some difficulty for programs that were not in the FY '06 budget, e.g. NRSP-7.

**Budget Comparison:**

	FY 2006	FY 2007	FY 2008	FY 2009
<b>Research and Education Activities</b>	<b>Enacted</b>	<b>Enacted</b>	<b>Enacted</b>	<b>President</b>
Hatch Act	176.969	322.597	195.812	139.208
McIntire-Stennis Cooperative Forestry	22.008	30.008	24.791	19.463
Evans-Allen Program (1890s Research)	37.215	40.680	41.051	38.331
Special Research Grants	126.941		91.775	3.258
National Research Initiative	181.170	190.229	190.883	256.500

**President's FY 09 Budget**

Hatch funding would be cut by \$56.6 million or 29% and realign \$98 million of the remaining funds would be realigned to a national competitive multistate program. Under the proposed budget 70% of funds must be spent on multistate activities with the remaining funds for infrastructure and other needs. The proposed competitive multistate program would be based on a joint ESCOP-CSREES [concept paper](#) developed 2006 in which all projects would be reviewed and selected for funding at the national level. Directors could only spend money on selected/funded projects; however, the Regional Associations and the Directors would have little control over the overall program. The remaining \$41 million for "Regular Hatch" would provide support from critical infrastructure at state agricultural experiment stations. Because of the change in how funds are to be managed, this effectively reduces spending flexibility by 70% over the FY 2008 allocation.

McIntire-Stennis funds would be cut by \$5.3 million or 22%, and \$13 million will be realigned to create a national competitive multistate program. Again, the proposed competitive multistate program would be based on a joint NAUFRP-CSREES [concept paper](#) developed 2006 in which all projects would be reviewed and selected for funding at the national level. These changes would leave only \$6.4 million for critical infrastructure at university forestry programs or a 67% reduction in spending flexibility over the FY 2008 budget.

Evans-Allen funds would see a slight decrease \$2.72 million (6.7%)

Finally, the budget proposes to eliminate all Animal Health and Disease funding, a \$5 million reduction from FY 2008. .

**BAC Action on FY'09 Budget Proposal**

The BAC met in Washington DC Feb 11-12 to develop strategies for the '09 Budget and unanimously decided to take the following positions on these issues:

Opposed the cuts/changes proposed for the Hatch, McIntire-Stennis, Evans-Allen and Animal Health and Disease programs.

Recommend Hatch funding at \$215 million (2008 Senate figure)  
Recommend McIntire-Stennis funding at \$30,008,000 (2008 House figure)  
Recommend Evan-Allen funding at \$48.953 million.

Supported the Administration's request for an increase in funding for the National Research Initiative (NRI) to \$256,500,000. Included within this amount is a bioenergy program, and \$45,130,000 in funding for seven Sec. 406 lines.  
Realistically the proposed increase amounts to only about \$12 million.

Complete details of the BAC positions can be found at:

[http://www.nasulgc-bac.com/documents/FY2009/KB/The\\_Numbers.pdf](http://www.nasulgc-bac.com/documents/FY2009/KB/The_Numbers.pdf)

As in the past, a series of 2-sided documents have been developed in support of "Targeted Enhancements". (See: <http://www.nasulgc-bac.com/kb.htm>)

### **ESCOP Priorities FY 2010**

The Budget and Legislative Committee has completed the priority setting process for the '10 budget cycle. The process employed by the ESCOP Budget and Legislative Committee to obtain input is working effectively. Using FY 2009, as a starting point break out discussions were held at the ESS Annual Meeting to identify new/emerging issues. This was followed up by an on-line survey to which there were 62 responses.

### **Overarching Priorities:**

The Directors continue to indicate that maintaining capacity for research through base funds (Hatch, Evans-Allen, McIntire-Stennis, and Animal Health is the top priority by a 3:1 margin over moving funds into competitive programs.

Increasing funding for the NRI with emphasis on integrated activities is also an important priority

The Directors did not favor focusing formula funds on specific topics in order to gain increases in these funds but did favor matching new formula funds for specific initiatives.

### **Relative Research Priorities**

1. Biobased Economy; Food, Nutrition, Health and Well-Being (Tie)
2. Environment
3. Food Agrosecurity

**Action Requested: For information**

## **Agenda Item 12.0: ESCOP Communications & Marketing Committee**

**Presenter: Ronald S. Pardini**

### **Background:**

#### **ESCOP Communications and Marketing Committee Report**

#### **Background Information:**

##### *Why*

Despite the vital work and exciting discoveries at the State Agricultural Experiment Stations (AES) and Cooperative Extension Services (CES), federal funding for their programs has not increased, in real terms, over the past 30 years. To remedy this situation, the System Communication and Marketing Implementation Committee recommended a marketing (educational) campaign aimed at key federal officials.

##### *Who is involved?*

In the fall of 2007, the System Communication and Marketing Implementation Committee was formed to provide a coordinated and targeted educational effort to increase awareness of AES and CES. The System Implementation Committee is made up of two deans from the College of Agriculture, the ECOP and ESCOP Chairs, the ESCOP and ECOP Marketing Committee Chairs, one member each from ACOP and ICOP, and staff from the regional associations and NASULGC. ACOP and ICOP programs are also included in this effort.

##### *Strategy*

How do we build upon existing efforts to get better recognition of AES and CES and turn that into strategic support for our programs? The System Communication and Marketing Implementation Committee believes that earlier and repeated use of the media to educate and attract major congressional sponsors for our programs is the best way to go forward. We have to build support in home districts and states of our congressional champions and convert that locally-based support into explanations of and publicity for the national AES and CES system.

The System Communication and Marketing Implementation Committee has identified 13 members of the House and 15 members of the Senate (the members of the House and Senate Agriculture Appropriations Subcommittees) that will be the focus of this educational campaign. Marketing efforts will strategically target the right issue with the right appropriation champion.

##### *Cornerstone and the Podesta Group*

The Podesta Group has been hired to launch the educational campaign. Cornerstone will coordinate closely with the Podesta Group in this effort. Cornerstone is our advocacy firm and Podesta is the marketing/public relations firm. There is no duplication of effort between Podesta and Cornerstone.

##### *Budget*

The Experiment Station Section has approved a three year annual assessment at the \$300,000 level for this effort which will become available on July 1, 2008 and, an additional \$75,000 is available immediately. ECOP has discussed a \$100,000 per year investment for three years in the System Marketing Plan. This investment is based on the condition that the overall contract with Podesta and Cornerstone for the

System Marketing Plan not exceed \$300,000 per year. ECOP will meet on March 13<sup>th</sup> to finalize their recommendation and plan for next steps. As is required by policy, an institution-by-institution Cooperative Extension Section electronic vote would take place this spring to complete the process. Extension will make the investment in the System Marketing plan from their existing funds.

No more than \$240,000 will be available for this effort during the first 12 months of the campaign for the Podesta Group and \$60,000 will be available for Cornerstone's coordination efforts. A formal contract will be completed soon with the Podesta Group and Cornerstone.

**Action Requested: For information**

## **Agenda Item 13.0: ESCOP Science and Technology Committee**

**Presenter: Greg Bohach**

### **Background:**

Minutes of the ESCOP Science and Technology Meeting

September 17, 2007

Philadelphia, PA

The ESCOP Science and Technology Committee met on September 17, 2007 in Philadelphia. The Committee decided to nominate Greg Bohach, University of Idaho to ESCOP as the next chair of the Committee. Greg has since been appointed chair.

The Committee reviewed the issue of NRI priorities and noted that the NRI leadership indicated that the ESS recommendations were included in planning along with input from other stakeholder groups. At the time of the meeting, the Committee did not have the information to compare our recommendation to the actual RFP's.

The issue of a maximum percentage for NRI integrated awards was discussed. It was noted that each funding agency has a different definition of "integrated." It was suggested that we invite representatives of the NRI, NSF and NIH to our next meeting to discuss their agency's intent relative to integrated programs. Therefore, the next meeting should be in the Washington, DC area.

The Committee reviewed its charge. It was decided that the current charge was no longer relevant and a subcommittee was assigned to draft a new charge. Dan Rossi volunteered to prepare a draft and send it to Greg for comment. The new charge will be discussed at the next meeting of the Committee.

The Committee discussed the next version of the Farm Bill. This committee decided that we need to look at interpretations and impacts of the new Farm Bill to the land-grant system. It was suggested that perhaps the Social Science Subcommittee could initiate such an analysis.

The potential role of the Committee in strategic planning was addressed. There is a need for stakeholder engagement in strategic planning. The Committee discussed the need for a content analysis of the research and extension issues raised in the Farm Bill listening sessions. It was noted that perhaps agricultural communicators could be engaged to conduct the content analysis.

Two other issues were discussed. Relative to renewable fuels and bio-fuels, it was noted that the social science side is not receiving the attention it should. It was further noted that there was a need for research in this area to integrate across disciplines including engineering, bio-physical sciences, and social science as well as across functional areas. The second issue was research supported by check-off dollars. It was felt that many times those funds come along with restrictions on academic freedom. NECC 63 works with the commodity promotion programs and it might be good to engage them in this discussion.

The Science and Technology Committee is scheduled to meet on Thursday, March 27, 2008 in Baltimore.

ESCOP Science and Technology Committee Meeting  
March 27, 2008  
Admiral Fell Inn, Baltimore, MD

Draft Agenda

Welcome and Introductions

NRI Priorities

2008 Results

2010 Plans

Discussion of Integrated Requirements

NRI

NSF

NIH

Social Science Subcommittee Report

Evaluating CSREES Stakeholder Input

Implications of the Farm Bill on the Land Grant System

Other

Pest Management Subcommittee Report

Multistate Research Awards Review Process

Proactive Science Education (for issues including but not limited to cloned meat, BST milk, raw milk, and nanotechnology)

Other Issues for Consideration/Discussion

Review of Committee Charge

Next Meeting

Bohach indicated that the Western Region needed to appoint a representative to the ESCOP Science and Technology Committee.

**Action Requested: For information**

**Action Taken: Jan Auyong and H. M. Harrington will inquire if Larry Curtis would serve as representative from Western Region.**

**Agenda Item 14.0: CREATE-21/Farm Bill Update**

**Presenter: H. Michael Harrington and Fred Hutchison (CGA) via teleconference**

**Background:**

Fred Hutchison reported via telephone on Congressional activities regarding CREATE-21 and the the Farm Bill.

**Action Requested: For information**

## Agenda Item 15.0: President's 2009 Budget Request

Presenter: H. M. Harrington, All

Background:

### Oppose the Proposed Land-Grant Research Cuts

The President's FY 2009 budget proposes to cut or eliminate funding for three research programs at the USDA's Cooperative State Research, Education, and Extension Service. These three programs support agriculture, forestry, and animal health/disease research at America's land-grant universities and related institutions. NASULGC makes the following estimates of the financial and employment losses which could occur under the proposal.

**Congress must reject these proposed reductions.**

#### SUMMARY INFORMATION

State	Institution	Federal \$ Reduction	State \$ Reduction	Faculty/Staff Reductions
Alabama	Auburn University	1,481,577	2,434,549	93
Alaska	University of Alaska	1,551,148	416,188	6
American Samoa	American Samoa Community College	218,850	0	25
Arizona	University of Arizona	709,356	0	8
Arkansas	University of Arkansas	1,267,320	4,236,823	57
California	University of California	2,287,305	0	0
Colorado	Colorado State University	1,213,601	1,200,000	31
Connecticut	Connecticut AES (New Haven)	258,548	0	12
Connecticut	University of Connecticut	329,573	329,573	0
Delaware	University of Delaware	423,426	0	0
Florida	University of Florida	1,164,343	8,000,000	19
Georgia	University of Georgia	1,736,114	0	38
Guam	University of Guam	267,399	0	3
Hawaii	University of Hawaii	426,180	800,000	40
Idaho	University of Idaho	829,092	4,522,750	58
Illinois	University of Illinois	1,785,091	800,000	65
Indiana	Purdue University	1,655,061	1,655,061	126
Iowa	Iowa State University	2,124,339	3,600,000	58
Kansas	Kansas State University	1,241,901	1,241,901	60
Kentucky	University of Kentucky	1,699,210	1,699,210	99
Louisiana	Louisiana State University	1,090,116	3,497,840	129
Maine	University of Maine	750,290	0	20
Maryland	University of Maryland	813,478	2,033,695	38
Massachusetts	University of Massachusetts	710,740	0	16
Michigan	Michigan State University	1,700,579	3,500,000	20

Micronesia	College of Micronesia	228,240	100,000	7
Minnesota	University of Minnesota	1,809,082	1,809,082	55
Mississippi	Mississippi State University	1,361,094	0	24
Missouri	University of Missouri	1,756,085	1,756,000	41
Montana	Montana State University	732,305	4,000,000	30
Nebraska	University of Nebraska	1,245,114	1,245,114	12
Nevada	University of Nevada	411,573	411,573	8
New Hampshire	University of New Hampshire	533,462	1,536,370	15
New Jersey	Rutgers University	807,255	6,109,485	82
New Mexico	New Mexico State University	607,016	0	8
New York	Cornell University (and Geneva AES)	1,811,015	0	25
North Carolina	North Carolina State University	2,226,290	0	46
North Dakota	North Dakota State University	763,484	763,484	20
Northern Marianas	Northern Marianas College	206,580	0	10
Ohio	Ohio State University	1,967,557	2,000,000	55
Oklahoma	Oklahoma State University	1,216,778	1,212,778	30
Oregon	Oregon State University	1,164,576	1,164,575	9
Pennsylvania	Pennsylvania State University	1,954,833	0	35
Puerto Rico	University of Puerto Rico	942,243	0	42
Rhode Island	University of Rhode Island	381,955	0	5
South Carolina	Clemson University	1,166,848	2,840,408	44
South Dakota	South Dakota State University	854,287	854,287	40
Tennessee	University of Tennessee	1,611,980	0	19
Texas	Texas A&M University	2,549,884	0	46
Utah	Utah State University	644,328	70,000	19
Vermont	University of Vermont	519,706	2,400,000	35
Virgin Islands	University of the Virgin Islands	262,564	125,771	8
Virginia	Virginia Tech	1,440,150	9,794,252	156
Washington	Washington State University	1,224,946	946,493	36
West Virginia	West Virginia University	875,336	0	33
Wisconsin	University of Wisconsin	1,759,660	4,000,000	50
Wyoming	University of Wyoming	547,133	0	12
<b>Estimated Totals</b>		<b>63,775,432</b>	<b>83,107,262</b>	<b>2,079</b>

**HATCH ACT (AG RESEARCH)**

<b>State</b>	<b>Institution</b>	<b>FY 2008 Estimate</b>	<b>FY 2009 President</b>	<b>Reduction</b>
Alabama	Auburn University	4,098,761	2,891,140	1,207,621
Alaska	University of Alaska	1,016,718	717,162	1,016,718
American Samoa	American Samoa Community College	728,077	513,563	214,514
Arizona	University of Arizona	2,084,822	1,470,569	614,253
Arkansas	University of Arkansas	3,442,904	2,428,518	1,014,386
California	University of California	5,527,380	3,898,843	1,628,537
Colorado	Colorado State University	2,870,590	2,024,825	845,765
Connecticut	Connecticut AES (New Haven)	764,369	539,162	225,207
Connecticut	University of Connecticut	1,011,714	713,632	298,082
Delaware	University of Delaware	1,315,236	927,727	387,509
District of Columbia	University of the District of Columbia	739,466	521,596	217,870
Florida	University of Florida	3,216,150	2,268,573	947,577
Georgia	University of Georgia	4,841,394	3,414,970	1,426,424
Guam	University of Guam	881,507	621,788	259,719
Hawaii	University of Hawaii	1,312,531	925,819	386,712
Idaho	University of Idaho	2,247,520	1,585,331	662,189
Illinois	University of Illinois	5,469,342	3,857,905	1,611,437
Indiana	Purdue University	5,127,921	3,617,077	1,510,844
Iowa	Iowa State University	6,028,985	4,252,660	1,776,325
Kansas	Kansas State University	3,571,748	2,519,401	1,052,347
Kentucky	University of Kentucky	5,153,876	3,635,385	1,518,491
Louisiana	Louisiana State University	3,110,602	2,194,123	916,479
Maine	University of Maine	1,962,084	1,383,994	578,090
Maryland	University of Maryland	2,471,574	1,743,372	728,202
Massachusetts	University of Massachusetts	2,128,182	1,501,154	627,028
Michigan	Michigan State University	5,251,425	3,704,193	1,547,232
Micronesia	College of Micronesia	774,665	546,425	228,240
Minnesota	University of Minnesota	5,174,072	3,649,631	1,524,441
Mississippi	Mississippi State University	3,878,145	2,735,524	1,142,621
Missouri	University of Missouri	5,037,939	3,553,607	1,484,332
Montana	Montana State University	2,282,422	1,609,950	672,472
Nebraska	University of Nebraska	3,510,346	2,476,090	1,034,256
Nevada	University of Nevada	1,267,203	893,846	373,357
New Hampshire	University of New Hampshire	1,523,358	1,074,530	448,828

New Jersey	Rutgers University	2,550,907	1,799,331	751,576
New Mexico	New Mexico State University	1,703,664	1,201,712	501,952
New York	Cornell University	4,633,227	3,268,135	1,365,092
New York	New York AES (Geneva)	813,103	573,537	239,566
North Carolina	North Carolina State University	6,331,911	4,466,334	1,865,577
North Dakota	North Dakota State University	2,389,698	1,685,619	704,079
Northern Marianas	Northern Marianas College	701,148	494,568	206,580
Ohio	Ohio State University	6,174,121	4,355,034	1,819,087
Oklahoma	Oklahoma State University	3,360,379	2,370,307	990,072
Oregon	Oregon State University	3,148,412	2,220,792	927,620
Pennsylvania	Pennsylvania State University	6,051,683	4,268,671	1,783,012
Puerto Rico	University of Puerto Rico	3,093,496	2,182,057	911,439
Rhode Island	University of Rhode Island	1,238,408	873,534	364,874
South Carolina	Clemson University	3,424,752	2,415,714	1,009,038
South Dakota	South Dakota State University	2,572,127	1,814,299	757,828
Tennessee	University of Tennessee	4,859,685	3,427,872	1,431,813
Texas	Texas A&M University	7,256,014	5,118,168	2,137,846
Utah	Utah State University	1,874,096	1,321,929	552,167
Vermont	University of Vermont	1,504,012	1,060,884	443,128
Virgin Islands	University of the Virgin Islands	853,754	602,212	251,542
Virginia	Virginia Tech	4,199,660	2,962,310	1,237,350
Washington	Washington State University	3,478,338	2,453,512	1,024,826
West Virginia	West Virginia University	2,596,140	1,831,237	764,903
Wisconsin	University of Wisconsin	5,210,787	3,675,528	1,535,259
Wyoming	University of Wyoming	1,625,902	1,146,861	479,041
	<b>Estimated Totals</b>	<b>181,468,452</b>	<b>128,002,242</b>	<b>54,183,372</b>

**MCINTIRE-STENNIS  
COOPERATIVE**

<b>State</b>	<b>Institution</b>	<b>FY 2008 Estimate</b>	<b>FY 2009 President</b>	<b>Reduction</b>
Alabama	Auburn University	829,082	650,899	178,183
Alaska	University of Alaska	532,170	417,798	532,170
American Samoa	American Samoa Community College	20,176	15,840	4,336
Arizona	Northern Arizona University	220,093	172,791	47,302
Arizona	University of Arizona	220,092	172,791	47,301
Arkansas	University of Arkansas	689,080	540,985	148,095
California	California Polytechnic State University	110,362	86,644	23,718
California	California State University, Humboldt	110,362	86,644	23,718
California	University of California	515,022	404,335	110,687
Colorado	Colorado State University	377,961	296,731	81,230
Connecticut	Connecticut AES	155,135	121,794	33,341
Connecticut	University of Connecticut	51,712	40,598	11,114
Delaware	University of Delaware	82,399	64,690	17,709
Florida	University of Florida	642,411	504,346	138,065
Georgia	University of Georgia	844,640	663,112	181,528
Guam	University of Guam	35,732	28,052	7,680
Hawaii	University of Hawaii	160,178	125,753	34,425
Idaho	University of Idaho	486,853	382,220	104,633
Illinois	Southern Illinois University	173,425	136,153	37,272
Illinois	University of Illinois	173,425	136,153	37,272
Indiana	Purdue University	393,517	308,943	84,574
Iowa	Iowa State University	300,181	235,667	64,514
Kansas	Kansas State University	222,403	174,605	47,798
Kentucky	University of Kentucky	502,409	394,433	107,976
Louisiana	Louisiana State University	493,245	387,238	106,007
Louisiana	Louisiana Tech University	211,390	165,959	45,431
Maine	University of Maine	657,967	516,559	141,408
Maryland	University of Maryland	253,513	199,029	54,484
Massachusetts	University of Massachusetts	269,069	211,242	57,827
Michigan	Michigan State University	240,063	188,470	51,593
Michigan	Michigan Technological University	240,063	188,470	51,593
Michigan	University of Michigan	240,064	188,470	51,594
Minnesota	University of Minnesota	564,632	443,283	121,349
Mississippi	Mississippi State University	797,971	626,473	171,498

Missouri	University of Missouri	517,964	406,645	111,319
Montana	University of Montana	455,740	357,794	97,946
Nebraska	University of Nebraska	253,513	199,029	54,484
Nevada	University of Nevada	129,067	101,328	27,739
New Hampshire	University of New Hampshire	362,405	284,518	77,887
New Jersey	Rutgers State University	191,290	150,179	41,111
New Mexico	New Mexico State University	331,293	260,093	71,200
New York	Cornell University	164,492	129,140	35,352
New York	State University of New York	493,475	387,419	106,056
North Carolina	North Carolina State University	813,526	638,686	174,840
North Dakota	North Dakota State University	113,510	89,115	24,395
Ohio	Ohio State University	409,073	321,156	87,917
Oklahoma	Oklahoma State University	424,628	333,369	91,259
Oregon	Oregon State University	782,415	614,261	168,154
Pennsylvania	Pennsylvania State University	549,077	431,071	118,006
Puerto Rico	University of Puerto Rico	97,955	76,902	21,053
Rhode Island	University of Rhode Island	66,843	52,477	14,366
South Carolina	Clemson University	626,856	492,134	134,722
South Dakota	South Dakota State University	144,623	113,541	31,082
Tennessee	University of Tennessee	611,300	479,921	131,379
Texas	Stephen F. Austin State University	375,651	294,918	80,733
Texas	Texas A&M University	375,651	294,918	80,733
Utah	Utah State University	284,626	223,455	61,171
Vermont	University of Vermont	315,737	247,880	67,857
Virgin Islands	College of the Virgin Islands	51,287	40,265	11,022
Virginia	Virginia Tech	673,522	528,771	144,751
Washington	Washington State University	345,086	270,921	74,165
Washington	University of Washington	421,773	331,127	90,646
West Virginia	West Virginia University	471,296	370,006	101,290
Wisconsin	University of Wisconsin	580,189	455,496	124,693
Wyoming	University of Wyoming	175,735	137,966	37,769
	<b>Estimated Totals</b>	<b>23,426,395</b>	<b>18,391,671</b>	<b>5,452,522</b>

**ANIMAL HEALTH &  
DISEASE RESEARCH**

<b>State</b>	<b>Institution</b>	<b>FY 2008 Estimate</b>	<b>FY 2009 President</b>	<b>Reduction</b>
Alabama	Auburn University (AES)	45,461	0	45,461
Alabama	Auburn University (VM)	50,312	0	50,312
Alabama	Tuskegee University (VM)	9,045	0	9,045
Alaska	University of Alaska (AES)	2,260	0	2,260
Arizona	University of Arizona (AES)	47,802	0	47,802
Arkansas	University of Arkansas (AES)	104,839	0	104,839
California	University of California-Oakland (AES)	140,876	0	140,876
California	University of California-Davis (VM)	407,205	0	407,205
Colorado	Colorado State University (AES, VM)	286,606	0	286,606
Connecticut	University of Connecticut (AES)	20,377	0	20,377
Delaware	University of Delaware (AES)	18,208	0	18,208
Florida	University of Florida (AES)	60,296	0	60,296
Florida	University of Florida (VM)	18,405	0	18,405
Georgia	University of Georgia (AES)	14,390	0	14,390
Georgia	University of Georgia (VM)	113,772	0	113,772
Hawaii	University of Hawaii (AES)	5,043	0	5,043
Idaho	University of Idaho (AES)	62,270	0	62,270
Illinois	University of Illinois (AES, VM)	136,382	0	136,382
Indiana	Purdue University (AES, VM)	59,643	0	59,643
Iowa	Iowa State University (AES)	48,261	0	48,261
Iowa	Iowa State University (VM)	141,744	0	141,744
Kansas	Kansas State University (AES, VM)	141,756	0	141,756
Kentucky	University of Kentucky (AES)	72,743	0	72,743
Louisiana	Louisiana State University (AES)	34,213	0	34,213
Louisiana	Louisiana State University (VM)	33,417	0	33,417
Maine	University of Maine (AES)	10,602	0	10,602
Maryland	University of Maryland (AES)	30,792	0	30,792
Massachusetts	University of Massachusetts (AES)	25,885	0	25,885
Massachusetts	Tufts University (VM)	16,475	0	16,475
Michigan	Michigan State University (AES, VM)	101,754	0	101,754
Minnesota	University of Minnesota (AES)	55,401	0	55,401
Minnesota	University of Minnesota (VM)	107,891	0	107,891
Mississippi	Mississippi State University (AES, VM)	89,183	0	89,183
Missouri	University of Missouri (AES)	46,975	0	46,975

Missouri	University of Missouri (VM)	113,459	0	113,459
Montana	Montana State University (AES)	59,833	0	59,833
Nebraska	University of Nebraska (AES)	156,374	0	156,374
Nevada	University of Nevada (AES)	10,477	0	10,477
New Hampshire	University of New Hampshire (AES)	6,747	0	6,747
New Jersey	NJ-Rutgers University (AES)	14,568	0	14,568
New Mexico	New Mexico State University (AES)	33,864	0	33,864
New York	NY-Cornell University (AES)	34,786	0	34,786
New York	NY-Cornell University (VM)	136,219	0	136,219
North Carolina	North Carolina State University (AES)	44,149	0	44,149
North Carolina	North Carolina State University (VM)	141,724	0	141,724
North Dakota	North Dakota State University (AES)	35,010	0	35,010
Ohio	Ohio State University (AES)	40,787	0	40,787
Ohio	Ohio State University (VM)	19,766	0	19,766
Oklahoma	Oklahoma State University (AES, VM)	135,447	0	135,447
Oregon	Oregon State University (AES)	68,802	0	68,802
Pennsylvania	Pennsylvania State University (AES)	53,815	0	53,815
Pennsylvania	University of Pennsylvania (VM)	117,726	0	117,726
Puerto Rico	University of Puerto Rico (AES)	9,751	0	9,751
Rhode Island	University of Rhode Island (AES)	2,715	0	2,715
South Carolina	Clemson University (AES)	23,088	0	23,088
South Dakota	South Dakota State University (AES)	65,377	0	65,377
Tennessee	University of Tennessee (AES)	31,215	0	31,215
Tennessee	University of Tennessee (VM)	17,573	0	17,573
Texas	Texas A&M University (AES, VM)	331,305	0	331,305
Utah	Utah State University (AES)	30,990	0	30,990
Vermont	University of Vermont (AES)	8,721	0	8,721
Virginia	Virginia Tech (AES, VM)	58,049	0	58,049
Washington	Washington State University (AES)	11,756	0	11,756
Washington	Washington State University (VM)	114,199	0	114,199
West Virginia	University of West Virginia (AES)	9,143	0	9,143
Wisconsin	University of Wisconsin (AES, VM)	99,708	0	99,708
Wyoming	University of Wyoming (AES)	30,323	0	30,323
<b>Estimated Totals</b>		<b>4,627,750</b>	<b>0</b>	<b>4,627,750</b>

**Action Requested: For information**

**Agenda Item 16.0: Best Practices Session on Maintaining Livestock and Greenhouse Facilities, Per Diem Rates, etc.**

**Presenter: Greg Bohach, Ron Pardini, All**

**Background:**

A group discussion identified needed standards:

An agriculture guide - listing standards for animals in teaching and for food and fiber; another guide for animals used in biomedical research.

The ALAC certified animal breeding is another standard.

The individual state responses to a discussion questionnaire are included in Agenda Item 27.1 State Reports.

**Action Requested: For information**

**Agenda Item 17.0: Coping with the 2007 Continuing Resolution, especially Multistate Activities**

**Presenter: CY Hu, all**

**Background:**

Comments from the individual states include:

HI - net loss of \$1.2 million; no new projects have been started. Used carryover funds to handle special grants shortfall

AK - loss of \$1.5 million; match was a problem

WA - used residual in special grants accounts and bridged salaries with Hatch money

CO - did same

MT - did same as WA

ID - had problems with industry

NM - similar to WA

PA - had increase of \$2.8 million; has a competitive program for Hatch funds

GU - created individual Hatch accounts for each special grant

AZ - put bonus on energy program

**Action Requested: For information**

**Agenda Item 18.0: NRSP-6 Potato Genebank Report abstract**

**Presenter: John Bamberg**

**Background:**

March 6, 2008

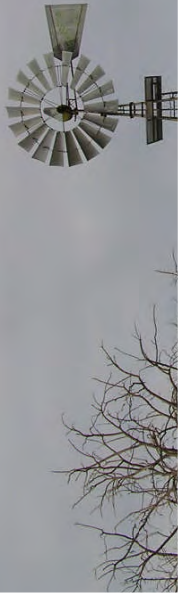
NRSP-6 is located on the University of Wisconsin Peninsular Agricultural Research Station near Sturgeon Bay. NRSP-6 is the US genebank for tuber-bearing *Solanum* species and is part of the National Plant Germplasm System. Staff and organization will be introduced. NRSP6's mission of acquisition, classification, preservation, distribution, and evaluation of wild and cultivated potato germplasm and information supports genetic improvement of the potato crop, and consequently has an impact on the larger economic, nutritional and environmental aspects of potato across the nation. NRSP-6 also has a unique opportunity to conduct R&D work to improve germplasm management and manipulation in-house and by users. Recent NRSP-6 cooperation and service to the WR will be summarized. Recent developments which will help the WR and nation continue to realize a large return on potato germplasm investment will be discussed.

**Action Requested: For information**

Geneva, NY



Jornada, NM



# USDA UV-B Monitoring and Research Program

## Climatological Monitoring Network

Center of Remote Sensing and Modeling for Agricultural Sustainability

*Wei Gao - George Janson*



Fort Collins, CO



Logan, UT

# Request for Funding

**NRSP\_TEMP101**

**USDA UV-B Monitoring and Research Program:  
(UVMRP)**

**Enhancement of Network Data Products,  
Research Support, and National Research  
Collaboration**

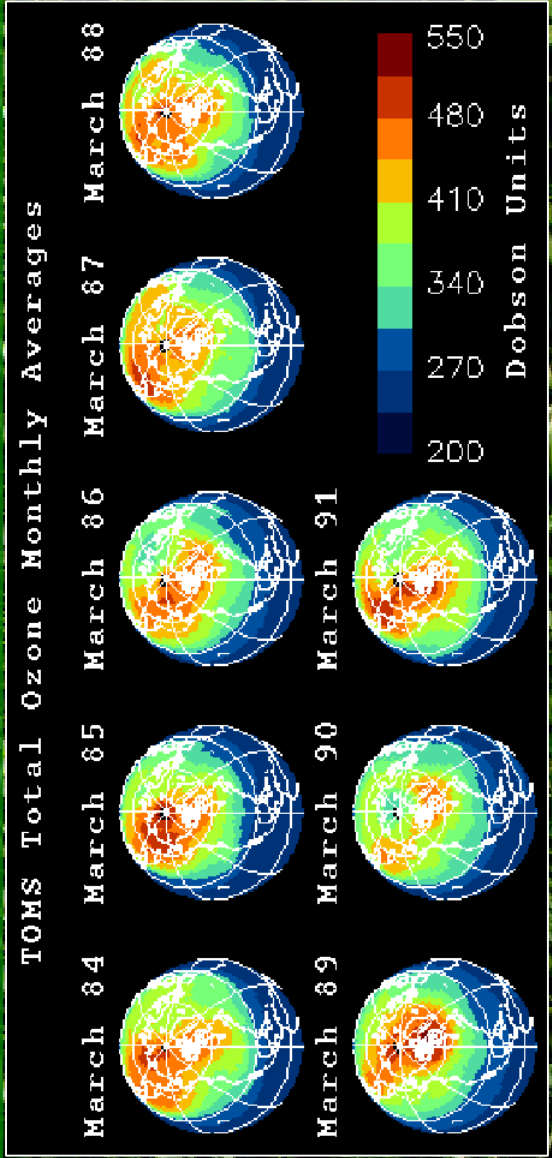
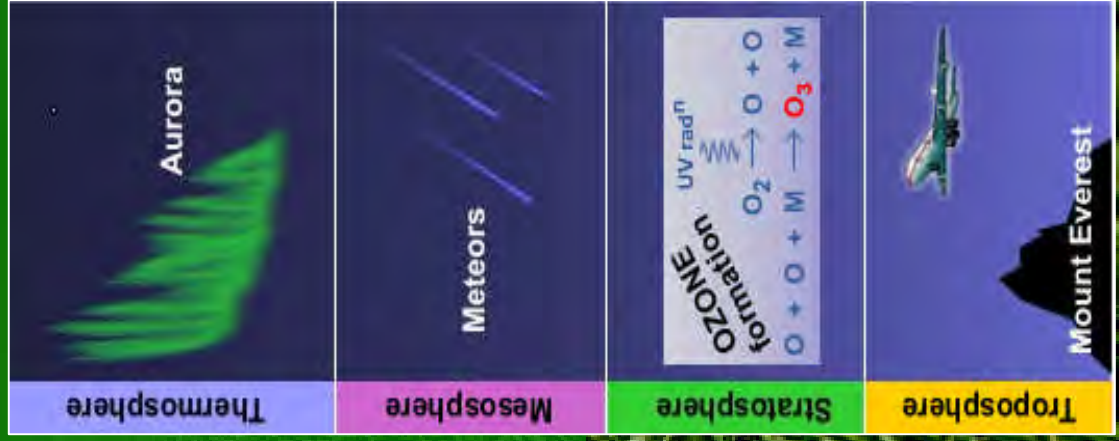
page 2 paragraph 2

# How does this NRSP pertain as a national issue?

Since the discovery of the Antarctic ozone hole in 1985, there has been a growing awareness and concern within the scientific community of the potential for ecological change resulting from the destruction of stratospheric ozone. There was also growing evidence of increasing levels of ultraviolet radiation as a result of ozone losses over the Arctic, as well as over mid-latitudes. Concern that increasing UV radiation may alter agricultural production prompted the USDA to sponsor workshops in 1991 and 1992 to address this potential threat to agriculture. In 1992 they initiated the UV-B Monitoring and Research Program (UVMRP) at CSU through legislative authority available to the Cooperative State Research Education and Extension Service (CSREES).

Since the discovery of the Antarctic ozone hole in 1985, there has been a growing awareness and concern within the scientific community of the potential for ecological change resulting from the destruction of stratospheric ozone.

There was also growing evidence of increasing levels of ultraviolet radiation as a result of ozone losses over the Arctic, as well as over mid-latitudes. Concern that increasing UV radiation may alter agricultural production prompted the USDA to sponsor workshops in 1991 and 1992 to address this potential threat to agriculture. In 1992 they initiated the UV-B Monitoring and Research Program (UVMRP) at CSU through legislative authority available to the Cooperative State Research Education and Extension Service (CSREES).



# How is the NRSP consistent with the mission?

- UVMRP monitoring stations are distributed over a spatial grid throughout the nation.



Washington State University



North Dakota State University



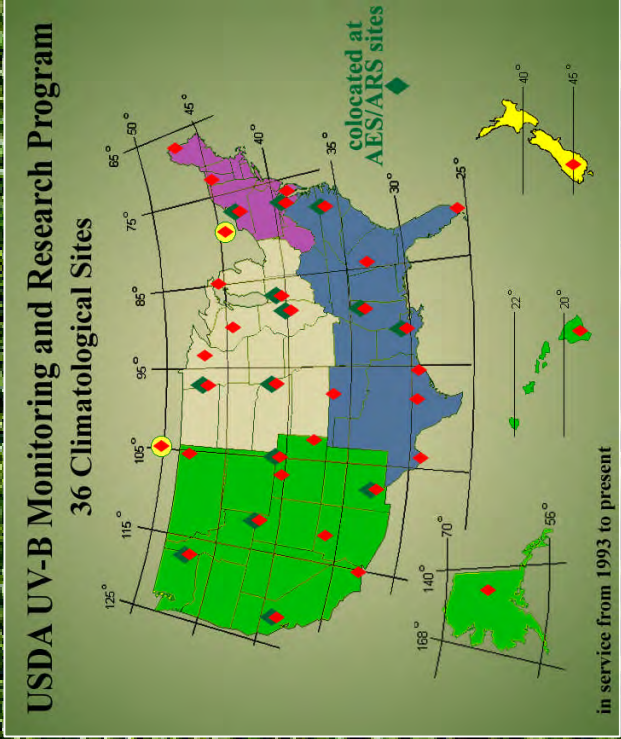
Mississippi State University



University of Nebraska



University of Illinois



## **Agenda Item 20.0: Executive Director Report**

**Presenter: H. Michael Harrington**

**Background:**

**January – March, 2008**

### **I. REGIONAL ACTIVITIES**

#### **WAAESD**

##### **Support to the Chair and Organization**

**Annual Report and Evaluation:** Submitted annual report for the calendar year 2007 to the chairs of the WAAESD and WAPD. Worked with Greg Bohach and CY Hu to facilitate the evaluation process.

**Impacts of the President's 2009 budget:** Collected staffing and funding data; developed a summary overview of the impacts.

##### **Meeting Support and Logistics**

**Spring Meeting:** With Greg Bohach and the Executive Committee developed the agenda for the March meeting. Worked with our EC, Lyla Houglum and the WEDA executive committee to develop the joint meeting agenda. Arranged for participation of Jim Fischer, Stan Johnson and Gayle Gordon.

##### **Committee Activities**

**Western SARE Administrative Council:** I serve as the Western Directors' representative on this activity. Participated in the Technical Review Panel meeting in Salt Lake City, January 16-18; served as a principal reviewer for four Chapter 1 Research and Education grant proposals and also reviewed all proposals submitted. I was unable to attend the February 25-28 AC meeting due to illness.

**Western Region IMP Center Steering and Advisory Committees:** I participate in policy development discussions, provide background information, review proposals, and participate in funding decisions. Attended meetings of both committees in Portland, OR, March 10-14

**Pacific Basin Advisory Group (T-STAR Program):** The Pacific Basin Advisory Group, in partnership with the Caribbean Advisory Group, administers the Tropical-Subtropical Agriculture Research (T-STAR) special grants program. Participate in policy development decisions, provide background information, review full proposals, and participate in funding decisions. This committee is in a holding pattern until the allocations for this special grant from FY 2008 are made. We expect to fully fund those proposals that were previously approved

**Western Region CSREES Grantsmanship Workshop, October 7-8, 2008:** The western grants workshop will be held in Denver in partnership with the Utah State University, WAAESD and CSREES at the Marriott Metro Center in Salt Lake City. Working with Chuck Gay, Paul Rasmussen, others at Utah State and the CSREES team to organize the workshop.

#### **Western Administrative Heads**

Assisted Marc Johnson with the February AHS-CARET meeting and served as a resource during CREATE-21, Farm Bill and FY '09 budget discussions.

## II. NATIONAL ACTIVITIES

### ESCOP

#### **Committee Activities**

**ESCOP Budget and Legislative Committee:** Support Chairman David Boethel (LSU) as the Executive vice Chair on this important committee. Summarized data from the national survey on budget priorities for the FY '10 budget cycle; developed background information on the President's 2009 budget proposal; sought B&L Committee input on the '09 budget proposal and provided a report to ESCOP. Attended BAC meeting in Washington DC, Feb.10-12.

**CREATE-21:** I serve on the Executive Committee for this activity representing AES directors and the Western Region. Participated in both EC and regular conference calls.

**Farm Bill Committee:** Serve as Executive vice Chair and as a staff support for the energy title. Assisted with proposed modifications that would expand the current energy title. This committee has been combined with C-21 to harmonize the suggested language.

**LEAD<sup>21</sup>:** I represent ESCOP on the Board for this program and serve as the Secretary. Assisted with selection of scholarship recipients and selection of an evaluation agent which will be developing evaluation protocols to assess the effectiveness of the program.

**Steering Committee for Development of National Strategic Research and Extension Plans for Vegetable Crops:** The EDs serve on a steering committee and participate regular conference calls facilitated by Tom Bewick (CSREES NPL- Horticulture) aimed at developing a greater awareness of the research and extension needs on vegetable crops. A straw man draft plan has being developed based on discussion within the steering committee. Plans are being made for a strategic planning workshop to be held in Denver May 12-13. Approximately 75-80 participants are expected, including producers, packers, mechanization, ARS and university scientists. With the other EDs developed a potential list of university participants who will be invited.

**REE Energy Science, Education and Extension Strategic Plan:** By virtue of assisting in planning the strategic planning workshop I am a member of the group which developed of the plan including responding to numerous drafts and participation in ABBREE council conference calls to discuss progress.

**LGU Energy Working Group:** Serve as the principle interface between REE and the university system on the Energy Strategic plan. Provide support to this group comprised of representatives from ACOP, ECOP and ESCOP including 1980 participation. The group interfaces with REE on the Energy Science strategic plan and is expected to assist with implementation.

I provide assistance to the Policy Board's Energy liaison group to the REE Energy Science to the REE Energy Program.

**NASULGC-DOE/EERE Partnership**

The BAA-Policy Board of Directors was charged with implementing the activities for this partnership effort. I represent the executive directors (both AES and CE) on the Steering Committee which provides guidance and oversight for the project.

**Pacific Northwest Extension Energy Initiative:** Worked with Linda Fox WA), Charlotte Eberlein, Scott Reed, Peter Pinney, Jake Fey, Lyla Houglum and staff of the WSU Energy Extension program to implement the 2008-08 program. Developed Oct-Dec 2007 quarterly report to DOE based to state input.

**Summary of Travel January-March 2008**

Jan. 15-17: W-SARE Technical Review Panel meeting Salt Lake City UT

Feb 4-8: CSREES National Water Conference, Reno, NV

Feb 10-13: Budget and Advocacy Committee meeting, Washington DC

Mar 2-6: AHS-CARET meeting, ESCOP meeting, Washington DC

March 10-13: Western Region IPM Center Steering and Advisory Committees meetings, Portland, OR

March 19-20: Joint WAAESD-WEDA meeting, Tucson, AZ

**Action Requested: For information**

**Agenda Item 21.0: FY 2009 Office Budget**  
**Presenter: H. M. Harrington/Harriet Sykes**  
**Background:**

**WAAESD BUDGET**  
**FY 2008 – 2009**

FY 2008-2009 Budget (start 7/1/2008)		
Executive Director - Harrington - Salary & Benefits <sup>1</sup>		\$ 198,264
Admin. Analyst Salary & Benefits <sup>2</sup>		86,707
Work Study/Hourly		5,000
Montana Accounting Fee		3,500
CSU Rent		7,800
Office Operating		49,300
<b>FY 2008-2009 Total</b>		<b>\$ 350,571</b>
<b>TOTAL ASSESSMENT NEEDED BY FUNCTION FOR 2008-2009</b> (based on function % of total budget of \$350,571)		
	<b>AES @ 95%</b>	<b>AP @ 5%</b>
<b>Total</b>	<b>\$333,042</b>	<b>\$ 17,529</b>
W-106 (Off-Top MRF)	-100,000	
<b>Actual</b>	<b>\$233,042</b>	<b>\$ 17,529</b>
<b>Total Proposed AES/AP Directors Assessment</b>		<b>\$ 250,571</b>

<sup>1</sup> Current WDA approved salary of \$159,120 plus CSU tentative FY09 fringe rate of 24.6%

<sup>2</sup> Salary of \$68,166 (tentative salary increase of 4.7% on FY08 CSU classified salary of \$65,106) plus CSU tentative FY09 fringe rate of 27.2%

## Western Executive Director Office Budget/Expenditures

Description	2005-2006		2006-2007		2007-2008		2008-2009
	Budget	Actual	Budget	Actual	Budget	To 12/31/07	Proposed
Executive Director salary	147,684	147,685	153,739	153,741	159,120	79,563	159,120
Retirement fund	29,980	29,980	31,363	31,363	36,279	18,140	39,144
<b>Sub-total</b>	<b>177,664</b>	<b>177,665</b>	<b>185,102</b>	<b>185,104</b>	<b>195,399</b>	<b>97,703</b>	<b>198,264</b>
Admin. Analyst salary	59,483	59,484	61,089	61,092	65,106	33,191	68,166
CSU fringe	12,194	12,195	13,562	13,562	16,537	8,430	18,541
<b>Sub-total</b>	<b>71,677</b>	<b>71,679</b>	<b>74,651</b>	<b>74,654</b>	<b>81,643</b>	<b>41,621</b>	<b>86,707</b>
Work study/hourly	4,900	0	4,900	0	4,900	0	4,900
CSU fringe	100	0	100	0	100	0	100
<b>Sub-total</b>	<b>5,000</b>	<b>0</b>	<b>5,000</b>	<b>0</b>	<b>5,000</b>	<b>0</b>	<b>5,000</b>
CSU space rent	7,800	7,800	7,800	7,800	7,800	7,800	7,800
Montana Accounting Fee	3,500	3,500	3,500	3,500	3,500	3,500	3,500
<b>Sub-total</b>	<b>11,300</b>	<b>11,300</b>	<b>11,300</b>	<b>11,300</b>	<b>11,300</b>	<b>11,300</b>	<b>11,300</b>
<b>OFFICE OPERATING:</b>							
Office supplies	2,500	2,004	2,500	2,788	2,500	2,741	2,500
Copying/printing	250	994	300	99	300	85	200
Telephone charges	2,200	1,879	2,200	2,888	2,200	115	2,000
Postage	200	39	100	13	100	71	100
Travel-Executive Director	32,000	24,182	32,000	33,339	32,000	15,488	32,000
Travel-Administrative Analyst	7,000	4,169	7,000	4,056	7,000	8,727	7,000
Equipment repair/purchase	5,000	11,418	4,000	8,324	4,000	568	4,000
Incidental expense	500	2,406	500	1,976	500	1,123	1,000
Computer supplies	2,000	0	1,000	0	1,000	0	500
Moving costs	0	0	0	0	0	0	0
<b>Sub-total</b>	<b>51,650</b>	<b>47,091</b>	<b>49,600</b>	<b>53,483</b>	<b>49,600</b>	<b>28,918</b>	<b>49,300</b>
<b>TOTAL EXPENSES</b>	<b>317,291</b>	<b>307,735</b>	<b>325,653</b>	<b>324,541</b>	<b>342,942</b>	<b>179,542</b>	<b>350,571</b>
<b>FUNDING INFORMATION:</b>							
<b>AES</b>							
W-106 (AES Off-the-Top Funding)	100,000		100,000		100,000		100,000
AES Assessment	204,599		212,626		225,795		233,042
Actual AES Assessment (reduced by \$7800 CSU space rent)		196,799		204,826		235,142	
<b>AES &amp; AP Funding by Source*</b>							
AES		304,599		312,626		325,795	333,042
AP		12,692		13,026		17,147	17,529

\* Requires approval by both AES and AP Directors. AP Director assessment is currently at 5% of total budget (at 4% FY 2005-2006)

### Action Requested: Approval of FY2009 Budget

**Action Taken: Approved WAAESD office budget with adjustments in salaries and benefits for the ED and Administrative Analyst as determined by the WDA and Colorado State Legislature respectively.**

**Agenda Item 22.0: Measuring Faculty Productivity**

**Presenter: CY Hu, all**

**Background:**

The participants discussed the various institutions' policies regarding faculty productivity:

Some institutions look at grants received and articles published; others look at a combination of teaching and research as a measure.

**Action Requested: For information**

# Recommendations - WAAESD



## **Funding:**

- Participant contributions to jump start effort and leverage additional funds - All
- Contact Energy Foundation for grant information – Mike/Lyla

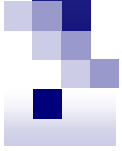
## **External Partnerships**

- Increase involvement in WGA and CSG-West  
**WHO:** Scott Reed, Greg Bohach, Lyla and Mike, (Chuck Gay?)
- State Energy Offices

**WHO:**

## AES-Extension Partnerships

- Initiate development committee sustainable energy use and development for small communities - Multistate Committee 500 series or WERA, involve the WRDC  
**WHO:** LeRoy Daugherty, Carol Lewis, (WRDC Director? Ed Martin?)
- Initiate Multistate Committee (Consortium) 500 series for renewable energy
  - Association with sub-regional foci?
  - Examine North Central BioEnergy Consortium's model
  - Implement programs based on competitive advantage
  - Might include State Energy Offices, State Directors of Ag, Colleges of Engineering, Natural Resources/Forestry and ARS**WHO:** Ralph Cavaleri, Ron Pardini, Thayne Dutson, Jan Auyong, (Chuck Gay, Jim Christenson, Glen Whipple?)
- Implement multistate or regional training for staff on energy issues
  - workshops, training sessions
  - curriculum development, education materials
  - interpretation of regs, laws
  - 3 specialists in PNW that might be tapped to train the trainers**WHO:** (Charles Kinoshita, WSU Energy Center, WRDC?)



## **Education:**

- **Implement in-service energy education programs targeted at K-12 teachers and after school programs (NSF Program, DOEEd, DOEnergy, NRI Integrated?)**

**WHO:** Carol Lewis will poll her folks for ideas,  
Greg will get NSF program information

## **Agenda Item 24.0: State Issues Discussion**

**Presenter: All**

**Background:**

Each of the states provided a brief summary of their state issues:

OR - an interim legislative session indicated that there will be a budget cut next year. The university is trying to cover main initiatives such as the Wine Institute

WA - the legislature has finished their session and the forecast is for a \$2.5 billion shortage in the state

AK - the university has restructured the CES; the legislature is in session and is expected to provide an increase in the budget. The Palmer Research Center is being reconstructed

HI - is in the second year of the bienium and doesn't expect any increase. Taro research is stalled because of GMO

GU - Extension is back in the College of Agriculture. The university president has retired and a search is to be finalized soon. The AES will undergo a program review. There will be a 5.2% budget increase

WY - the legislature has met and the university got everything they requested; WY has a policy that donations greater than \$50,000 receive an equal state match; the current year will bring \$16 million; there will be a WY Reclamation Restoration Center, a School of Energy Resources, and the Research/Extension Center is being expanded

CO - Marc Johnson is leaving to be the Provost at the University of Nevada. A referendum was passed to stabilize the budget. The University Board of Governors is trying to implement stretch goals. There is an impetus on campus to commercialize faculty research outputs.

NM - teaching is funded on an average based on student enrollment resulting in a 2% recision to the central fund. The university is looking at 9 month versus 12 month appointments. Staff was unionized due to low salary increases that has caused problems at off campus sites. Wes Holley is leaving his position for a position at Utah State University.

AZ - the state is facing a \$1.2 billion shortfall this year and \$1.9 billion next year. The University has shut down hiring. Sander is returning to the College of Agriculture in May. The citizens passed a 0.6% tax to go to education. The University is using the proceeds for Bio5 (agriculture, engineering, science, medicine, and pharmacy).

NV - Stan Johnson has been working for the College of Agriculture for the past two years. The College is looking forward to Marc Johnson taking over as Provost. There are six new greenhouses. Due to a enrollment shortfall, the budget will be cut by 4.5%. As a result of a whistle blower there have been field lab audits. A civil rights review has been completed.

MT - information is available in the Best Practices document. The legislature meets every two years and is not meeting this year. There may be a surplus and K-12, prisons higher ed, AES and CES are vying for the surplus. On campus there are aggressive discussions with the faculty. MSU is the only state institution without a faculty union. The provost reallocates funds by different

models, one by student credit hours but will need to be adjusted due to changes between Spring and Fall semesters.

ID - the University has hired a new VP for research. The president is reviewing Extension and Outreach. The Morrill Act doesn't allow proceeds from the sale of real estate for infrastructure. The legislature was able to get an amendment to the Morrill Act so that the proceeds from sale of an outdated research center can be used for a new center. ID and WA have a bi-state food science department.

**Action Requested: For information**

Agenda Item 25.0: Future Meetings

Presenter:

Background:

25.1 2008 Joint Summer Meeting

The 2008 Western Region Joint Summer Meetings will be held July 6-9, 2008 in Fairbanks, Alaska.

25.2 2009 Spring Meeting

Location not yet determined.

**Action Requested: For information**

**Action Taken: Harrington to inquire if California will consider hosting the Spring 2009 meeting: Choices are; #1 Napa Valley, #2 Fresno State (Charles Boyer), #3 Las Vegas, NV.**

**Agenda Item 26.0: Resolutions**

**Presenter: Greg Bohach**

**Background:**

**RESOLUTION #1:**

**WHEREAS** Dean and Experiment Station Director Dr. Colin Kaltenbach, Associate Dean and Cooperative Extension Service Director Dr. James Christenson, Administrative Associate Ms. Jennifer Smith, Extension Events Coordinator Ms. Sandra Saad, and their colleagues, Mr. Tony Stevens, Mr. Robert Armstrong, and Ms. Glenda Thompson from the University of Arizona-Tucson, were organizers and hosts for the Spring meeting of the Western Association of Agricultural Experiment Station Directors at the Embassy Suites-Paloma Village in Tucson, Arizona, March 17-20, 2008; and

**WHEREAS** Drs. Kaltenbach and Christenson and their colleagues provided such hospitable surroundings in which to meet; and

**WHEREAS** Drs. Kaltenbach and Christenson and their colleagues were also outstanding, amiable and thoughtful hosts; and

**WHEREAS** Drs. Kaltenbach and Christenson and their colleagues arranged excellent joint meetings and excellent presentations, be it

**RESOLVED**, That the Western Association of Agricultural Experiment Station Directors at its meeting at Embassy Suites-Paloma Village in Tucson, Arizona on March 17-20, 2008, expresses its sincere and heartfelt appreciation to Drs. Kaltenbach and Christenson and their colleagues for their significant contributions to successful individual and joint meetings; and be it further

**RESOLVED**, That the original of this resolution be provided to Dr. Kaltenbach and that a copy be filed as part of the official minutes of this meeting.

**RESOLUTION # 2**

**WHEREAS** Dr. Vicki McCracken served as Interim Associate Director for the Agricultural Research Center of Washington State University for the calendar year of 2007;

**WHEREAS** Dr. Vicki McCracken also served as Administrative Advisor for the WERA-101 and WDC-14/WERA-Temp2121 (old WDC14) multistate projects;

**WHEREAS** Dr. Vicki McCracken has served at various times on the Research Coordination & Integration Committee (RCIC) for the Western region;

**WHEREAS** Dr. Vicki McCracken has contributed effectively to the Western region in previous positions as Associate Director of the Agricultural Research Center and as Director of Academic Programs at Washington State University; therefore, be it

**RESOLVED** that the Western Association of Agricultural Experiment Station Directors at their meeting at the Embassy Suite-Paloma Village in Tucson, Arizona on March 17-20, 2008, expresses its sincere and heartfelt appreciation to Dr. Vicki McCracken for the contributions she has made to our Association; and be it further

**RESOLVED**, that a copy of this resolution be provided to Dr. Vicki McCracken and that a copy be filed as part of the official minutes of this meeting.

**RESOLUTION #3**

**WHEREAS** Dr. Paul R. Krausman served on a half-time basis as Associate Director of the Arizona Agricultural Experiment Station, from January of 1995 until July of 2007 when he resigned to accept an Endowed Chair in the Wildlife Biology Program at the University of Montana;

**WHEREAS** Dr. Paul R. Krausman has contributed in many ways to the operation of the Arizona Experiment Station including supervision of all projects funded with appropriated monies;

**WHEREAS** Dr. Paul R. Krausman has served as faculty and research scientist at the University of Arizona since 1978; be it

**RESOLVED** that the Western Association of Agricultural Experiment Station Directors at their meeting at the Embassy Suites-Paloma Village in Tucson, Arizona, on March 17-20, 2008, expresses its sincere and heartfelt appreciation to Dr. Paul R. Krausman for the significant contributions he has made to our Association; and be it further

**RESOLVED**, that a copy of this resolution be provided to Dr. Paul R. Krausman and that a copy be filed as part of the official minutes of this meeting.

**Action Requested: Approval of resolutions**

**Action Taken: Unanimously approved resolutions to; Arizona meeting hosts, Vicki McCracken, and Paul Krausman**

**Agenda Item 27.1: State Reports**

**Presenter:**

**Background:**

**WAAESD  
2008 Spring Meeting Discussion Questions  
ARIZONA Report**

**I. Charges for research animals**

Does your faculty use animals in their research? *Yes*

If yes, what types? *Cow, Cow-calf, Horse, limited Sheep*

If yes, how much is the per diem for each type (e.g. cow, cow-calf, sheep, pig, etc.)? *No Per Diem*

Does your college or experiment station maintain and own its own herd/flock? *Yes*

If your experiment station owns a herd/flock, and is used for teaching, are teaching funds used to purchase and support it? *Not Generally*

When used for research, do investigators purchase the animals or are they owned by the college/experiment station? *Both*

What is the administrative structure for you field laboratories; ie, are they managed by departments, the college or the experiment station? *Experiment Station*

Are other animal operations managed by departments, the college or experiment station? *Yes*

How is the per diem rate determined and what does it cover? *No Per Diem*

Are there additional charges for biomedical research uses? What are they and how is it determined? *No*

Where does the per diem income get placed?

**II. Charges for greenhouse use**

Do you have a manger who oversees greenhouse operations? *Yes*

What are his/her duties? *Overall Management and Maintenance*

How is greenhouse space assigned? By *Manager on a rental basis*

If there is a charge for greenhouse space, what is the rate? ***Yes, varies from 25 to 40 cents/sq.ft./month depending on location of the facility.***

How is the rate determined and what does it cover? ***Based on utility costs and other considerations—covers most expenses***

### **III. Annual evaluation of faculty**

Does your college have a formal annual evaluation process for tenure track faculty? ***Yes***

If yes, what are the expectations for a person who is 1.0 FTE research? ***Varies by Dept***

Does your college have a formal annual evaluation process for tenured faculty? ***Yes***

If yes, what are the expectations for a person who is 1.0 FTE research? ***Varies by Dept***

After how many years is a faculty member evaluated for tenure? Is this time mandated or is this flexible? ***6-years---Mandatory***

Approximately what percentage of tenure-track faculty have been successful in achieving tenure in the past five years. Are there noticeable differences among disciplines?

***In past 8 years we have had 92% of 26 faculty succeed—an additional 7 (21%) resigned for one reason or another before the 6<sup>th</sup> year. Some of these would have made it—some would not.***

**WAAESD**  
**2008 Spring Meeting Discussion Questions**  
**Colorado State Report**

**I. Charges for research animals**

Does your faculty use animals in their research? Yes

If yes, what types? Beef, sheep, lab animals(e.g., rats), a few swine for teaching

If yes, how much is the per diem for each type (e.g. cow, cow-calf, sheep, pig, etc.)?  
See attached general per diem list. Specific locations modify these rates based on local costs and considerations.

Does your college or experiment station maintain and own its own herd/flock? Yes

If your experiment station owns a herd/flock, and is used for teaching, are teaching funds used to purchase and support it?

Partial support – most funding comes from cash sales.

When used for research, do investigators purchase the animals or are they owned by the college/experiment station?

Mixed model and depends on the study. We have 4 major beef cow herds at different locations. Financial responsibility is either Dept of Animal Science or AES.

What is the administrative structure for your field laboratories; ie, are they managed by departments, the college or the experiment station?

Majority of off-campus research centers is administered by the AES with the faculty/scientists appointed in an academic department. We are in the process of integrating the on-campus plant and animal science research center into a management structure under direction of the AES (current system is AES management for plant sciences and Dept of Animal Science for animal facility; facilities are adjacent to each other and coordination of cropping has existed in past).

Are other animal operations managed by departments, the college or experiment station?

Dept of Animal Science will continue to manage off-campus cow-calf and feedlot centers. We have a central University facility for small animal resources.

How is the per diem rate determined and what does it cover?

Labor, feed, and other direct costs.

Are there additional charges for biomedical research uses? What are they and how is it determined?

We have a centralized CSU facility for all small lab animals; info on the web - <http://portal.research.colostate.edu/LAR/> . Fee schedule is attached (per diem rates vary for beef based on study. In general, a per diem charge covers labor costs with feed and vet costs directly charged to project.

Where does the per diem income get placed? Dept of Animal Sciences, AES, or central Lab Animal Resources.

## **II. Charges for greenhouse use**

Do you have a manger who oversees greenhouse operations?

Yes and administratively responsible to AES.

What are his/her duties?

Supervise facilities and employees; assign space; conduct pest control; train users on proper protocols; oversee maintenance and renovation.

How is greenhouse space assigned?

First come-first served. The plant science department heads serve as a oversight committee and provide recommendations to the AES Director and manager on programmatic priorities which guide space allocation. Some programs have continuous, long-term needs and other short-term space needs are coordinated to meet nearly all needs.

If there is a charge for greenhouse space, what is the rate?

Yes. A base fee is charged per day based on bench square feet used. Users can select from a menu of increasing services for additional fees.

Greenhouse fees are as follows:

Basic greenhouse space	\$0.20/sqft per month
HID supplemented GH space	\$0.25/sqft per month
Automated irrigation GH space	\$0.31-0.36/sqft per month
Propagation bench space (mist & bottom heat)	\$0.56/sqft per month
Warehouse/storage space	\$0.20/sqft per month
Convicon growth chambers	\$100/month
Percival growth chambers (sm)	\$50/month
Walk-in EGC growth room	\$250/month

All materials that we stock are billed at cost. Pesticide applications are based on time and materials but are around \$5/application per user.

How is the rate determined and what does it cover? Salary for the manager is provided by the AES, Extension, and 3 colleges using greenhouse facilities. The user fees cover supplies, hourly labor, and maintenance.

### **III. Annual evaluation of faculty**

Does your college have a formal annual evaluation process for tenure track faculty? Yes.

If yes, what are the expectations for a person who is 1.0 FTE research? A quantitative goal is not stated. The expectations vary with the position description and responsibilities. Off campus faculty with 1 FTE research also have an expectation for outreach.

Does your college have a formal annual evaluation process for tenured faculty? Yes.

If yes, what are the expectations for a person who is 1.0 FTE research? Varies but no faculty are 100% AES funded in on-campus academic departments.

After how many years is a faculty member evaluated for tenure?

Tenure decision is made in the 6<sup>th</sup> year.

Is this time mandated or is this flexible?

Mandated. Super-stars can petition for early consideration but this is exception rather than the rule.

Approximately what percentage of tenure-track faculty have been successful in achieving tenure in the past five years. >90%.

Are there noticeable differences among disciplines? No.



<b>Species</b>	<b>FY 06/07 Per Diem</b>
Calves - Bottle fed	26.06
Cattle	21.17
Chickens - Caged	3.19
Crabs-IC	0.29
Deer	33.82
Dogs - Caged	10.00
Dogs - Elevated Runs	5.02
Ducks	2.77
Felines - Caged	6.26
Felines - Gang	5.02
Ferrets	3.08
Frogs	0.77
Gerbils	0.67
Ground Squirrels	0.86
Guinea pigs	1.11
Guinea pigs- Barrier	2.13
Hamsters	0.77
Horses	33.78
Lemmings	0.37
Lizards IC	1.13
Marmots IC	1.27
Mice - Cage	0.79
Mice - Breeding - Cage	0.98
Mice - Barrier - Cage	1.10
Mice - Barrier - Breeding - Cage	1.27
Mice-Cages-Quarantine	1.27
Mudpuppies-Tanks	4.94
Pigeons	1.46
Pigs	7.69
Pigs - Teaching	3.37
Prairie Dogs	1.10
Primates	11.37
Rabbits	2.74
Rabbits - Maternity	4.33
Rats - Cage	1.23
Rats - Quarantine-Cage	2.00
Rats-Breeding-Cage	1.87
Salamanders - Aquatic	0.77
Salamanders - Terrestrial	0.77
Sheep - Bottle fed	20.69
Sheep - Weaned	7.21
Tadpoles - Tubs	0.86
Voies	0.49

**WAAESD**  
**2008 Spring Meeting Discussion Questions**  
**State Report -Hawaii**

**I. Charges for research animals**

Does your faculty use animals in their research? Yes.

If yes, what types? Cattle, sheep, rat, and mice.

If yes, how much is the per diem for each type (e.g. cow, cow-calf, sheep, pig, etc.)?  
No charge is levied at this time for animal use in our own facilities.

Does your college or experiment station maintain and own its own herd/flock?  
Cattle and sheep, and some laboratory animals.

If your experiment station owns a herd/flock, and is used for teaching, are teaching funds used to purchase and support it?  
No.

When used for research, do investigators purchase the animals or are they owned by the college/experiment station?  
Faculty submit plot allocation to request the use of animals.

What is the administrative structure for you field laboratories; ie, are they managed by departments, the college or the experiment station?  
County administrator where cattle and sheep facilities are located is responsible for the management of the herds. County administrators report to the dean.

Are other animal operations managed by departments, the college or experiment station?  
A small animal facility located near campus is managed by the department.

How is the per diem rate determined and what does it cover?  
No per diem charge at this time.

Are there additional charges for biomedical research uses? What are they and how is it determined?  
Not on our facilities. We have no faculty conducting biomedical research at this time.

Where does the per diem income get placed?  
N/A.

**II. Charges for greenhouse use**

Do you have a manger who oversees greenhouse operations?

Three departments have their own green houses. Each department has their own personnel in charge of their operations.

What are his/her duties?

Oversees day-to-day operations.

How is greenhouse space assigned?

According to departmental policy. All departments have a committee assisting department chair in making space utilization.

If there is a charge for greenhouse space, what is the rate?

N/A

How is the rate determined and what does it cover?

N/A

### **III. Annual evaluation of faculty**

Does your college have a formal annual evaluation process for tenure track faculty?

College follows the university policy. Every other year.

If yes, what are the expectations for a person who is 1.0 FTE research?

There are general expectations such as the need to be successful in extramural grants, need to publish in reputable refereed journals. However, there is no specific numbers given for these expectations.

Does your college have a formal annual evaluation process for tenured faculty?

Post-tenure evaluation every five-year is required by the university.

If yes, what are the expectations for a person who is 1.0 FTE research?

Same as tenure-track faculty. There is an expectation that they are leaders in their disciplines at the internationally.

After how many years is a faculty member evaluated for tenure? Is this time mandated or is this flexible?

In general, they must obtain their indefinite tenure by the end of their sixth year.

However, if the new faculty member is not a citizen or permanent resident, s/he will be on annual contract. Tenure clock turns on only after immigrant status is approved by INS. Usually, faculty member in this situation applies to have their tenure clock reduced accordingly.

Approximately what percentage of tenure-track faculty have been successful in achieving tenure in the past five years. Are there noticeable differences among disciplines?

100%. We have terminated tenure-track faculty during annual contract renewal process.

We had one case which was denied tenure; but later, was overturned after a challenge

from the faculty based on technicality. This faculty was given another year to re-submit, and was successful in the following year.

## MONTANA STATE REPORT

**Presenter:** Jeff Jacobsen

**Background:** College of Agriculture/Montana Agricultural Experiment Station

### General

The College and MAES had the ongoing status of the number 1. College at MSU for the second year running with nearly \$29 million in sponsored program expenditures. The Departments of Veterinary Molecular Biology and Land Resources & Environmental Sciences were #1 and #3, respectively, out of 34 departments. The Department of Veterinary Molecular Biology over the last three years has been at \$8M, \$10M and \$12M. UG and G student numbers took another decrease. Student numbers were down slightly across campus which lead to a base budget cut in all academic units.

### Personnel

Faculty hires and searches in play include: Agricultural Education, Natural Resources/Environmental Policy, Agricultural Economics, Economics, Bioenergy Geneticist, Cropping Systems, Soil Fertility/Precision Ag, Equine Science, Livestock Environment, IPM and Plant Genetic Resistance. Several searches (we may be seeing a trend) have resulted in restarts as candidate(s) interviewed and, ultimately, turned down MSU offers. Base salary competition and the higher cost of living in Bozeman are most likely the main culprits. Department heads have been stable over the last five years with the exception of Animal and Range Sciences (currently Interim). We have restructured the management of campus area animal facilities into a centralized system similar to the crop-based facilities and greenhouse complex. All report to the Dean/Director with oversight by the relevant department heads.

### Facilities

The Agricultural Research Center (and selected farms/ranches) system is undergoing a previously unknown period of overdue renovation and new construction activities. This past Legislative Session resulted in an appropriation of \$5M for statewide projects. This is the largest investment that MAES has seen in the last 30 years. There is a 4:1 (State:private) match requirement before construction can begin. We have renovated a BSL-3 (commissioned) and are building a new ABSL-2 facility near the main campus with a mixture of grants, F&A and a state bond. The Animal Bioscience Complex (USDA-ARS building and Animal & Range Science building) are making steady progress. Federal support is needed for the remaining bricks and mortar, as well as program monies. Despite the unique federal budget cycles, we continue to see monies appropriated. Private fundraising for the academic facility is nearly complete for a total of \$15.6M. We will go out to bid in March with construction to begin in June for a period of ~20 months. Major construction projects at MSU have had to be rebid several times over the past several years due to the construction environment. Bozeman is experiencing a slow down like the rest of the U.S., so we are optimistic that we may be in a period of a reasonable construction environment.

### **Charges for research animals**

Faculty use small and large animals in their research. We have cattle, sheep and horses at our MAES field facilities (1 at Ag Research Center and 3 ranches/farms within 25 miles of campus). Small animals (mice, rabbit) are housed in a centralized MSU facility managed by a veterinarian administered by the Vice President for Research. The majority of animals are owned by MAES with a very small minority of horses owned through the academic equine program. These animals owned by the College are from donations, a horse auction, steer donations and student fees. At present, MAES provides animals based upon prior practices and new requests. We are evaluating this process. Starting July 1, 2008, these field facilities will have managers that will be direct reports to the Dean/Director and all other affiliated staff will be reassigned. Most staff will not know the difference. In reality, this is based on a MAES management structure. Department heads will have advisory capacity in this new structure. The only animal facility that is managed by a department is with the Agricultural Research Center at Havre. Research Centers are their own department. With legislative changes that MAES received this past session, per diem (services) and sales will stay with the management unit that generated the funds. It is estimated that yardage charges (\$0.74 /head/day) pay for labor, feed, electricity, and equipment use.

### **Charges for greenhouse use**

Our greenhouse manager is the Plant Growth Center Manager who has total responsibility for the facilities including: budget, personnel, O&M. The Manager reports to the Dean/Director. Greenhouse, growth room and growth chamber space are assigned by the Manager based upon written requests. Proposed FY 09 rental rates will now include an equipment replacement component (greenhouse \$0.46; growth room \$2.93; growth chamber \$3.17; plant path isolation \$1.51). All are charged as \$/square foot/month. These funds cover the repair and maintenance (chillers, pumps, controllers) and general use items. MAES and the Vice President for Research pay for some overhead costs on a percentage basis.

### **Annual evaluation of faculty**

All College/AES/ES funded faculty (tenured and tenure track) are evaluated annually based upon MSU, College and department-specific criteria. The Dean/Director and Vice Provost for Extension meet with each department head prior to departmental evaluations and offer assistance where needed. Some departments have elected advisory committees which provide input into the department head. Expectations are specifically set at the department level with broader criteria and standards set at the MSU and College level. Retention is a third year review and tenure is conducted in the fifth year. Although these are mandatory timelines, I have requested tenure review extension twice in 12 administrative years. Our tenure success rate is over ~90% with some departments using the third year review to indicate problems and the likelihood of successful resolution. The amount of cases does not allow for a discipline specific comparison.

**Action Requested:** For information and discussion.

**WAAESD  
2008 Spring Meeting Discussion Questions  
Nevada**

**Agenda item: State Report**

**Presenter: Pardini**

**Background: Best Practices Survey**

**Action Requested: For discussion at the Spring meeting**

**I. Charges for research animals**

Does your faculty use animals in their research?

If yes, what types? Yes

If yes, how much is the per diem for each type (e.g. cow, cow-calf, sheep, pig, etc.)?

Cattle: \$16.00 per month plus cost of feed

Cow/calf pair: \$18.00 per month plus cost of feed

Production sheep: \$11.00 per month including pelleted feed plus cost of alfalfa, grass, oats and corn consumed.

Biomedical sheep: \$83.00 per month plus cost of feed

Does your college or experiment station maintain and own its own herd/flock? Yes

If your experiment station owns a herd/flock, and is used for teaching, are teaching funds used to purchase and support it? We own our own flock, and it is used for teaching, but teaching funds are not used to support the flock.

When used for research, do investigators purchase the animals or are they owned by the college/experiment station? Right now it varies, we initially had a livestock fund in the experiment station that provided animals for research and when the research was completed, the livestock sales monies were deposited back in the animal account. We are changing our policy so that the animals will be purchased by the investigator PI and sale livestock sales at the end of the experiment will be returned to the PI's.

What is the administrative structure for you field laboratories; ie, are they managed by departments, the college or the experiment station? Experiment Station

Are other animal operations managed by departments, the college or experiment station? An athymic mouse colony is maintained by the department in which it is located.

How the per diem rate determined is and what does it cover?

Cattle: Based on historical plus the actual food consumed.

Sheep: Based on actual expenditures.

Are there additional charges for biomedical research uses? What are they and how is it determined? Yes. Based on a calculation using historical expenses.

Where does the per diem income get placed? In the experiment station “sales” account where the expenses are posted.

## **II. Charges for greenhouse use**

Do you have a manger who oversees greenhouse operations? No, but we plan on hiring one. We have just completed construction of 6 new state of the art greenhouses and plan on hiring a dedicated manager.

What are his/her duties? Oversee the operations of the greenhouses and ensure of proper maintenance, conduct repairs, monitor environment, control insects etc.

How is greenhouse space assigned? Greenhouse committee comprised of principle users recommends space use and final assignment is approved by the Assistant Director.

If there is a charge for greenhouse space, what is the rate? Not now as we move into the new greenhouses, but we plan on implementing a “users fee”.

How is the rate determined and what does it cover? The rate will cover the vexpense of the greenhouse manager.

## **III. Annual evaluation of faculty**

Does your college have a formal annual evaluation process for tenure track faculty? Yes.

If yes, what are the expectations for a person who is 1.0 FTE research? Maintain an active research program directed at the mission and priorities of our state. This would include establish an independently funded research program, publish research findings in peer reviewed journals and conduct outreach in terms of interfacing with extension faculty in joint programming. Train graduate students in agricultural research.

Does your college have a formal annual evaluation process for tenured faculty? Yes.

If yes, what are the expectations for a person who is 1.0 FTE research?

Maintain an independently funded research program, publish regularly in highly regarded research journals, train graduate students, provide evidence of regional and national recognition.

After how many years is a faculty member evaluated for tenure? Is this time mandated or is this flexible? Tenure evaluation begins officially in year three which is required by the university code and bylaws..

Approximately what percentage of tenure-track faculty have been successful in achieving tenure in the past five years. Are there noticeable differences among disciplines? In the last 5 years, 100% of faculty that were nominated for tenure were approved for tenure. There is no difference between disciplines.

**WAAESD**  
**2008 Spring Meeting Discussion Questions**  
**State Report**  
**New Mexico**

**I. Charges for research animals**

Does your faculty use animals in their research?

- Yes

If yes, what types?

- Beef cattle, sheep, horses and rats

If yes, how much is the per diem for each type (e.g. cow, cow-calf, sheep, pig, etc.)?

- Cow \$2.00/d, sheep \$.5/d, horse \$3.00/d and rat \$.05/day

Does your college or experiment station maintain and own its own herd/flock?

- Yes

If your experiment station owns a herd/flock, and is used for teaching, are teaching funds used to purchase and support it?

- No

When used for research, do investigators purchase the animals or are they owned by the college/experiment station?

- If the research compromises the animal, then the scientist purchases but if not then the farm will purchase and resale. The scientist purchases rats.

What is the administrative structure for you field laboratories; ie, are they managed by departments, the college or the experiment station?

- The field labs are part of the AES but the ranches (CDRRC and CRLRC) are managed by the Department for the AES.

Are other animal operations managed by departments, the college or experiment station?

- The Clayton facility is managed by AES

How is the per diem rate determined and what does it cover?

- Mostly feed costs.

Are there additional charges for biomedical research uses? What are they and how is it determined?

- NA

Where does the per diem income get placed?

- Back into the farm or ranch accounts

**II. Charges for greenhouse use**

Do you have a manger who oversees greenhouse operations?

- No

What are his/her duties?

How is greenhouse space assigned?

- By committee of faculty

If there is a charge for greenhouse space, what is the rate?

- No

How is the rate determined and what does it cover?

### **III. Annual evaluation of faculty**

Does your college have a formal annual evaluation process for tenure track faculty?

- Yes

If yes, what are the expectations for a person who is 1.0 FTE research?

- Variable

Does your college have a formal annual evaluation process for tenured faculty?

- Yes

If yes, what are the expectations for a person who is 1.0 FTE research?

Variable

After how many years is a faculty member evaluated for tenure? Is this time mandated or is this flexible?

- The time is mandated in that they must be tenured by their sixth year.

Approximately what percentage of tenure-track faculty have been successful in achieving tenure in the past five years. Are there noticeable differences among disciplines?

- >80% with no noticeable differences. Most faculty who will not receive tenure leave before a negative decision.

**WAAESD**  
**2008 Spring Meeting Discussion Questions**  
**Oregon State Report**

**I. Charges for research animals**

Does your faculty use animals in their research?

Yes.

If yes, what types?

Rodents and fish for biomedical research, waterfowl and fish and shellfish for production-related or natural resource management research, livestock (dairy, cattle, sheep, llamas, horses, pigs) and poultry for teaching and production-related research, cats and dogs for veterinarian research. Pinnepids and whales are only used in field research or necropsies.

If yes, how much is the per diem for each type (e.g. cow, cow-calf, sheep, pig, etc.)?

Mice are \$ 0.32 per day and rats are \$0.45 per day, and hamsters \$0.52/day  
cats are \$4.36/animal/day and dogs are \$8.10/animal/day,  
chickens (group - \$0.58/animal/day, individual - \$3.14/animal/day), and  
rainbow trout are \$0.02 per day.

There are special rates for tank rental fees for Center for Fish Disease Research. Certain lab animal and livestock service fees depend upon the type of animal or services, e.g., \$5/head per session for lab animal care, \$1,250/head per project for fistulated steer (cost of animal, surgery, cannula and labor), \$100/pen per project for melabolism barn-steers.

There are differential rates for Veterinarian Medicine Animal Isolation Labs – these rates can be found in the fee book located on the OSU website.

There are no rates for general herds or shellfish.

Note – there are differential rates internally and those charged to external users.

Does your college or experiment station maintain and own its own herd/flock?

Yes.

If your experiment station owns a herd/flock, and is used for teaching, are teaching funds used to purchase and support it?

No, sales fund maintenance of cattle herds, sheep and poultry flocks.

When used for research, do investigators purchase the animals or are they owned by the college/experiment station?

Investigators generally purchase animals for biomedical or fisheries research. About half of the salmonid fish are provided by the Oregon Department of Fish & Wildlife (ODFW) depending upon the fish stock required for experiments, but all of the hatchery material are provided by ODFW. Animals for field research are owned by the unit (dairy/cattle).

What is the administrative structure for your field laboratories; ie, are they managed by departments, the college or the experiment station?

Departments or branch stations manage field laboratories.

Fish hatchery facility is owned and operated by the state.

Are other animal operations managed by departments, the college or experiment station?

Fish research facilities are managed by departments, except for the hatchery facility which is owned and operated by the state. The 12-acre Vole "Ranch" is leased from the Crop Soil Science Hyslop Farm at \$400/acre/year.

How is the per diem rate determined and what does it cover?

Cost of labor, food, and supplies for animal care.

The Vole Ranch lease covers general maintenance of the enclosures and grass mowing.

Are there additional charges for biomedical research uses? What are they and how is it determined?

Isolation facilities for transgenic mice are an additional \$0.04 per day, \$0.07 for rats.

Where does the per diem income get placed?

Cost recovery for Laboratory Animal Resources or special departmental index for care of animals

## **II. Charges for greenhouse use**

Do you have a manger who oversees greenhouse operations?

Yes.

What are his/her duties?

Management of greenhouse, including budgeting and maintenance.

How is greenhouse space assigned?

Specific allocations for departments.

If there is a charge for greenhouse space, what is the rate?

Yes, \$1.26 per square foot per year on the floor.

How is the rate determined and what does it cover?

Cost recovery.

### **III. Annual evaluation of faculty**

Does your college have a formal annual evaluation process for tenure track faculty?

Yes.

If yes, what are the expectations for a person who is 1.0 FTE research?

Secure funding necessary to drive a research program that supports one quarter of their salary, graduate students. and produces 1-3 peer-reviewed publications per year.

Does your college have a formal annual evaluation process for tenured faculty?

Yes,

If yes, what are the expectations for a person who is 1.0 FTE research?

Maintain funding consistent funding that produces the outcomes above.

After how many years is a faculty member evaluated for tenure? Is this time mandated or is this flexible?

Five years, mandated.

Approximately what percentage of tenure-track faculty have been successful in achieving tenure in the past five years. Are there noticeable differences among disciplines?

70-80%

no.

**WAAESD  
2008 Spring Meeting Discussion Questions  
Washington State Report**

**I. Charges for research animals**

Does your faculty use animals in their research?

Yes

If yes, what types?

Dairy cattle females of all ages and stages of lactation and production. Beef cattle – cow-calf production (breeding herd – all ages, stages of production) Feedlot and growing animals

Pigs – farrow to finish, all ages and stages of production

Others maintained as needed: chickens, sheep, guinea pigs, dogs.

Others: lab animals (rodents – some colonies maintained)

If yes, how much is the per diem for each type (e.g. cow, cow-calf, sheep, pig, etc.)?

Per diems are set by farm/lab managers and faculty coordinators with the intent of helping cover costs. These depend on the level of service that is needed, diet requirements if special feeds are required, loss of production anticipated because of decreased growth or if the product will not be marketed/marketable. These issues are negotiated before the start of the trial by discussion between PI, Farm Manager and Faculty coordinator. In general, per diem costs are assessed to cover costs beyond routine management and do not generally pay for permanent labor.

Does your college or experiment station maintain and own its own herd/flock?

Production animals are maintained by the Department of Animal Sciences. Local populations of some other animals (bears, moose, big-horned sheep, etc) are maintained by the Department of Natural Resources or the College of Veterinary Medicine.

If your experiment station owns a herd/flock, and is used for teaching, are teaching funds used to purchase and support it?

Support for animal maintenance is provided from Academic Programs and ARC, primarily as support for salaries of staff at the units. Staff supported in this way facilitate extensive teaching, research and extension activities at all the units. Farm managers are expected and do teach, they are expected to facilitate experimental protocols, etc. Acquisition of the animals comes from department funds generated by and reinvested into the livestock operation.

When used for research, do investigators purchase the animals or are animals owned by the college/experiment station?

Production animals are usually owned by the department. Special cases may exist for terminal studies when specific animals or handling is needed and campus sources cannot provide these, e.g. large feedlot studies may necessitate that ownership is retained by producers. Biomedical animals are usually owned by the research programs.

What is the administrative structure for your field laboratories; ie, are they managed by departments, the college or the experiment station?

Managed by Department with significant oversight of account management at the college, university level because of some historical problems.

Are other animal operations managed by departments, the college or experiment station?  
Yes. Generally run by departments or as shared management at the inter-departmental level.

How is the per diem rate determined and what does it cover?  
Per diems are used to help cover costs of operations and are managed at the department level.

Are there additional charges for biomedical research uses? What are they and how is it determined?  
For herd animals, agreements would be made before the start of the project. Some animals (mostly pigs) are sold to other research institutions at a mutually agreed upon price and in those cases – they animals are delivered to the laboratory and not maintained on campus. In general, the goal is to obtain compensation for lost product, animals, or performance while leaving routine costs of operation at the farm level.  
For rodents, dogs, etc used in other animal facilities, investigators are responsible for animal purchase and per diem costs. Veterinary costs and disposal costs are generally included within the per diem and are subsidized at the university level—the university does not want these to be marginal costs for investigators since that might encourage procedures that endanger animals.

Where does the per diem income get placed?  
For herd management, with the department.

## **II. Charges for greenhouse use**

Do you have a manager who oversees greenhouse operations?  
Yes.

What are his/her duties?  
Management is described at <http://www.cahe.greenhouse.wsu.edu/index.html>.

How is greenhouse space assigned?  
By the greenhouse manager or his designees. Greenhouse space is not considered to “belong” to faculty members or Departments, although allocation can follow departmental lines.

If there is a charge for greenhouse space, what is the rate?  
A fee of \$0.12/sq foot/month covers space and supplies but not additional labor for project-specific plant management, watering, etc. Growth chambers are available for a monthly fee determined by the size and quality of the growth chamber.

How is the rate determined and what does it cover?  
A description of services covered is at <http://www.cahe.greenhouse.wsu.edu/services/index.htm>. The charge is to partially offset expenses involved in managing the facilities, applying pesticides, doing routine maintenance, etc.

### III. Annual evaluation of faculty

Does your college have a formal annual evaluation process for tenure track faculty?

Yes.

If yes, what are the expectations for a person who is 1.0 FTE research?

The expectations are detailed in “CAHNRS Research and Disciplinary Scholarship Assessment Matrix” and indicate that the faculty member will have an active research program and be able to provide measures of the quality of that program that can be evaluated externally. Publications will result from the work and they should be in good journals. The matrix focuses on seven areas: Disciplinary Scholarship, ARC Mission Related Scholarship, Acquisition of Extramural Support, Graduate Student Involvement in Program of Research and Scholarship, Research Integration, Program Planning, and Professional Service and defines expectations for programs that exceed expectations, meet expectations and need improvement in each of these. This matrix is available to faculty and evaluators and to WAAESD members by request.

Does your college have a formal annual evaluation process for tenured faculty?

Yes.

If yes, what are the expectations for a person who is 1.0 FTE research?

See above.

After how many years is a faculty member evaluated for tenure? Is this time mandated or is this flexible?

Faculty members are evaluated in the sixth year. With agreement from the Provost, the clock can run faster, by negotiation at time of hire or if the candidate is establishing a record that is clearly superior. The tenure decision can also be delayed once, also by negotiation.

A faculty member not recommended for tenure by the Provost can appeal the decision to a committee of university faculty, which can review the record and procedures and make recommendations to the President that include all possibilities.

Approximately what percentage of tenure-track faculty has been successful in achieving tenure in the past five years. Are there noticeable differences among disciplines?

About 95% of those with research appointments who actually apply for tenure get it.

**WAAESD**  
**2008 Spring Meeting Discussion Questions**  
**State Report - Wyoming**

**I. Charges for research animals**

Does your faculty use animals in their research?

Yes

If yes, what types?

Cattle, sheep, goats, and pigs

If yes, how much is the per diem for each type (e.g. cow, cow-calf, sheep, pig, etc.)?

Feeding trials - 25¢ yardage/day + feed costs

Does your college or experiment station maintain and own its own herd/flock?

Yes

If your experiment station owns a herd/flock, and is used for teaching, are teaching funds used to purchase and support it?

No

When used for research, do investigators purchase the animals or are they owned by the college/experiment station?

Owned by experiment station

What is the administrative structure for you field laboratories; ie, are they managed by departments, the college or the experiment station?

Experiment station

Are other animal operations managed by departments, the college or experiment station?

Departments – rats, mice, and rabbits

How is the per diem rate determined and what does it cover?

Set by animal user committee – care & maintenance, no data collection

Are there additional charges for biomedical research uses? What are they and how is it determined?

Yes, but these charges are built into grants

Where does the per diem income get placed?

Livestock income account

## II. Charges for greenhouse use

Do you have a manger who oversees greenhouse operations?

Yes

What are his/her duties?

Facilities maintenance

Also have a horticultural assistant to care for plants

How is greenhouse space assigned?

By experiment station in consultation with Plant Sciences department head

If there is a charge for greenhouse space, what is the rate?

\$900 (1200-1400 ft<sup>2</sup>/year full service; \$600 partial service

How is the rate determined and what does it cover?

Set by the greenhouse users committee – 5% increase/yr being built into system

## III. Annual evaluation of faculty

Does your college have a formal annual evaluation process for tenure track faculty?

Yes

If yes, what are the expectations for a person who is 1.0 FTE research?

4.0 refereed journal articles and \$100,000 in grants

Does your college have a formal annual evaluation process for tenured faculty?

Faculty updates reviewed by department heads

If yes, what are the expectations for a person who is 1.0 FTE research?

Varies between departments, but similar to above

After how many years is a faculty member evaluated for tenure? Is this time mandated or is this flexible?

Six years; mandated

Approximately what percentage of tenure-track faculty have been successful in achieving tenure in the past five years. 90% Are there noticeable differences among disciplines?

No

**Agenda Item 27.2: Potato Workers' Code of Ethics**

**Presenter: Lee Sommers**

**Background:**

**DRAFT                    WERA027 - POTATO VARIETY DEVELOPMENT  
COOPERATORS' CODE OF ETHICS**

This plant material/germplasm is distributed for use in accordance with the "WERA027 - Potato Variety Development Cooperators Code of Ethics", developed and adopted by WERA027 - Potato Variety Development on \_\_\_\_\_.

**Acceptance of this seed constitutes agreement to the following:**

1. The originating breeder, institution, or company has certain rights to the unreleased material. These rights are not waived with the distribution of plant material but remain with the originator.
2. The recipient of the plant material shall make no secondary distributions of the germplasm without the permission of the owner/breeder.
3. The owner/breeder in distributing the propagating material grants permission for its use in regional trials sanctioned by WERE027 which are under the recipients' control or as a parent for making crosses from which selections will be made.

Uses for which **written approval** of the owner/breeder is required include:

- a. Testing in other than WERA027 trials;
  - b. Increase and release as a cultivar;
  - c. Reselection from within the stock;
  - d. Use as a recurrent parent in backcrossing;
  - e. Mutation breeding;
  - f. Selection of somaclonal variants; or
  - g. Use as a recipient parent for asexual gene transfer, including gene transfer molecular genetic techniques.
4. Plant materials entered in WERA027 trials shall not be used for seed increase other than required for maintenance of material for the recipient's own trial that may be necessitated by governmental regulations regarding movement of seed into a restricted area.
  5. Reasonable precautions to ensure retention or recovery of plant material at harvest shall be taken.
  6. All information developed about these plant materials will be submitted for compilation in written reports presented as the annual WERA027 meeting.
  7. The owner/breeder gives no warranties or guarantees, expressed or implied, for the material including merchantability or fitness for a particular purpose.

## REPORTS PRESENTED TO JOINT WAAESD/WEDA:

### Regional Coordination Implementation Committee (RCIC) Report

Presenter: H. Michael Harrington

#### Background:

RCIC met on March 17, 2008.

Attendance: Deb Young (CO), Steve Miller (WY), Brett Hess (WY), Larry Curtis (OR), Jan Auyong (OR), Lynn Paul (MT), Gerald Chacon (NM), Colin Kaltenbach (AZ), John Foltz (ID), Mike Harrington.

The following reflects the actions of RCIC:

**1.0 The following active Western Multistate Research Projects/Coordinating Committees are scheduled to terminate on September 30, 2008** (● Requests have been received and are itemized below)

Project	Title
● NRSP003	The National Atmospheric Deposition Program (NADP)
● NRSP008	National Animal Genome Research Programs
● W006	Plant Genetic Research Conservation and Utilization
● W1002	Nutrient Bioavailability--Phytonutrients and Beyond
● W1003	Parent and household influences on calcium intake among preadolescents
W1004	Marketing, Trade, and Management of Fisheries and Aquaculture Resources
● W1147	Managing Plant Microbe Interactions in Soil to Promote Sustainable Agriculture
W1168	Environmental and Genetic Determinants of Seed Quality and Performance
W1186	Genetic Variability in the Cyst and Root-Knot Nematodes
WCC1003	Coordination of Western Regional Extension Forestry Activities
WDC009	Sustainable Rangeland and Watershed Stewardship
WDC011	Mountain and Southwest Regional Evaluation and Introduction of Native Plants (from wera_temp2161)
WDC012	Integrating Access to Information from Herbaria (from wera_temp2181)
WDC013	Implementation and Assessment of IPM in Urban Environments (from wera_temp2182)
● WDC014	Reduction of Error in Rural and Agricultural Surveys (from WERA1001)
WDC015	Management of a volunteer rainfall-hail-snowfall network
WDC016	Integrated Systems Research and Development in Automation and Sensors for Sustainability of Specialty Crops
WERA001	Beef Cattle Breeding in the Western Region
WERA043	Establishing Bio-Intensive Pest Management Programs for Western Orchard Systems

## 2.0 Requests for Project Extensions

## 2.1 W006 Plant Genetic Research Conservation and Utilization

RCIC approved the request for a one-year extension of W006 "Plant Genetic Research Conservation and Utilization"

### 3.0 Requests for Project Revisions

#### 3.1 W\_TEMP2281 Nutrient Bioavailability--Phytonutrients and Beyond (from W1002)

RCIC deferred the revision of W1002 "Nutrient Bioavailability – Phytonutrients and Beyond" pending major revisions. The proposal may be resubmitted for the 2008 Summer meeting. In addition, impact statements from the current project are to be submitted.

#### 3.2 W\_TEMP2361 How to motivate parents to promote intake of calcium rich foods among early adolescents (from W1003)

RCIC approved the revision of W1003 "How to motivate parents to promote intake of calcium rich foods among early adolescents" for five years, from 10/1/08 to 9/30/12 pending minor revision. The needed changes will be communicated to the Administrative Advisor. When approved, the new project number will be W2003.

#### 3.3 W\_TEMP2421 Managing Plant Microbe Interactions in Soil to Promote Sustainable Agriculture (from W1147)

RCIC approved the revision of W1147 "Managing Plant Microbe Interactions in Soil to Promote Sustainable Agriculture" for five years, from 10/1/08 to 9/30/12 pending minor revision; receipt of positive peer reviews, and impact statements. When approved, the new project number will be W2147.

#### 3.4 NRSP\_TEMP003 The National Atmospheric Deposition Program (NADP) (from NRSP003)

RCIC approved the revision of NRSP003 "The National Atmospheric Deposition Program (NADP)" for five years, from 10/1/08 to 9/30/12. NRSP proposals require a majority approval of the Experiment Station Section.

#### 3.5 NRSP\_TEMP008 National Animal Genome Research Program (from NRSP008)

RCIC approved the revision of NRSP008 "National Animal Genome Research Program" for five years, from 10/1/08 to 9/30/12, pending minor editorial changes. NRSP proposals require a majority approval of the Experiment Station Section.

### 4.0 Requests For Establishment of New Projects

#### 4.1 NRSP\_TEMP101 USDA UV-B Monitoring and Research Program: Enhancement of Network Data Products, Research Support, and National Research Collaboration

RCIC approved the establishment of NRSP\_TEMP101 "USDA UV-B Monitoring and Research Program: Enhancement of Network Data Products, Research Support, and National Research Collaboration" for five years, from 10/1/08 to

9/30/12. NRSP proposals require a majority approval of the Experiment Station Section.

## **5.0 Requests for WERA/WCC Renewals or Extensions**

None

## **6.0 Requests for New WERA/WCCs**

- 6.1 WERA\_TEMP2121 Reduction of Error in Rural and Agricultural Surveys (from WDC14)

RCIC approved the establishment of the WERA titled "Reduction of Error in Rural and Agricultural Surveys" for five years, from 10/1/08 to 9/30/12 pending minor editorial changes. When approved, the new project number will be WERA1010.

- 6.2 WERA\_TEMP2382 Sustainable Management of Forage-Livestock Systems for the Western U.S.

RCIC did not approve the establishment of the WERA titled "Sustainable Management of Forage-Livestock Systems for the Western U.S." RCIC notes that the stated objectives are similar to those of WERA110. The participants are encouraged to participate in WERA110.

## **7.0 Follow-up of Development Research and/or Coordinating Committees**

- 7.1 WDC009 Sustainable Rangeland and Watershed Stewardship

WERA\_TEMP2241 has been created - and will be submitted for the Summer Meeting.

- 7.2 WDC011 Mountain and Southwest Regional Evaluation and Introduction of Native Plants (from wera\_temp2161)

No new proposal has been developed to date.

- 7.3 WDC012 Integrating Access to Information from Herbaria (from wera\_temp2181)

A request for extension for one year will be reviewed at the summer meeting. The committee is planning to meet July 26-31, 2008.

- 7.4 WDC013 Implementation and Assessment of IPM in Urban Environments (from wera\_temp2182)

The group has scheduled a meeting for July 26-31, 2008.

- 7.5 WDC014 Reduction of Error in Rural and Agricultural Surveys (from WERA1001)

See item 6.1.

- 7.6 WDC015 Management of a volunteer rainfall-hail-snowfall network

No new proposal has been developed to date.

- 7.7 WDC016 Integrated Systems Research and Development in Automation and Sensors for Sustainability of Specialty Crops

No new proposal has been developed to date.

## 8.0 Administrative Advisor Assignments

The following Administrative Advisor assignments are made pending approval of suggested candidates:

- 8.1 W1006 - Agricultural Literacy - Replacement for David Cox (AZ)

Gary Straquadine, Assoc. Dean (UT) has agreed to serve.

- 8.2 WERA101 - Assessing China as a Market and Competitor - Replacement for Vicki McCracken (WA)

Glen Whipple (WY)

- 8.3 WDC014 - Reduction of Error in Rural and Agricultural Surveys and WERA\_TEMP2121 - Replacement for Vicki McCracken (WA)

Jim Christensen (AZ)

- 8.4 W1004 - Marketing, Trade, and Management of Fisheries and Aquaculture Resources - Replacement for Carol Lewis (AK)

Larry Curtis (OR)

## 9.0 Discussion of Appendix E format

Modification of the Appendix E to accommodate reporting of integrated activities by Extension was discussed and received approval by RCIC.

## 10.0 Evaluation of nominations for Multistate Award winners.

RCIC reviewed the nominations that had been submitted for Western Multistate Awards and unanimously approved the nomination for WERA089.

## 11.0 Revision of Western Region MRF Guidelines

A committee composed of Deb Young, Duane Williams, and Mike Harrington will develop a revision of the Western Region MRF Guidelines to reflect regional and national changes in the MRF process. Part of the revision process will be to consider enhancement of the RCIC membership with participants from the Western Governors Association, National Association of Counties, Western State Directors of Agriculture, NCRS, FS, and EPA. Members of RCIC will make inquiries of these organizations/agencies to find potential participants.

## 12.0 Deb Young was elected to Chair the July 6, 2008 RCIC meeting in Fairbanks, AK.

## Summary of Association Discussions, Actions on Energy Agreements

### RECOMMENDATIONS:

#### External Partnerships

Increase involvement in WGA and CSG-West

WHO: Regional Chairs, Lyla and Mike

#### Potential AES-Extension Partnerships

I. Initiate development committee sustainable energy use and development for small communities - Multistate Committee e.g. 500 series or WERA, involve the WRDC

WHO: LeRoy Daugherty, Carol Lewis, WRDC Director, Ed Martin,

II. Initiate Multistate Consortium and 500 series for renewable energy

- Association with sub-regional foci?
- Examine North Central Bioenergy Consortium's model
- Implement programs based on competitive advantage
- Might include State Energy Offices, State Directors of Ag, Colleges of Engineering, Natural Resources Engineering, Natural Resources/Forestry, ARS

WHO: Regional Chairs, Lyla, Mike, Chuck Gay, Jim Christenson, Glen Whipple, Ralph Cavalieri, Ron Pardini, Thayne Dutson, Jan Auyong, Paul McCawley

III. Funding:

- Participant contributions to jump start effort and leverage additional funds
- Contact Energy Foundation for grant information

WHO: Consortium participants, Mike, Lyla

Iv. Implement multistate or regional training for staff on energy issues

- Workshops, training sessions
- Curriculum development, education materials
- Interpretation of regulations, laws, etc.

WHO: TBD: Charles Kinoshita? WSU Energy Center? 3 specialists in PNW might be tapped to train the trainers?

#### Education:

Implement in-service energy education programs targeted at K-12 teachers and after school programs (NSF Program, DOEd Program, and NRI Integrated)

WHO: Carol Lewis, Greg Bohach, Mike Harrington, Lyla Houghlum