

Ancillary Unit Annual Report

Deadline: October 31st

This report is required by [FAM 570 \(FSD 87-17.R5\) -- POLICY GUIDELINES FOR THE FORMATION AND REVIEW OF INSTITUTES AND CENTERS](#). The report is due by October 30th of each year. **Please make sure to sign and forward scanned signed copies of the report. Thank you.

Basic Information	
Ancillary Unit's name	Water Resources Institute
Director(s)	Boykin Witherspoon
Administrator to whom the unit reports	Cynthia Crawford, PhD, Associate Provost for Research
Purpose and current goals (as approved by Faculty Senate)	Commonly referred to as the WRI, we were founded in 1999 when Cal State San Bernardino accepted a premier collection of historical water resource materials from Joseph Andrew Rowe. The Water Resources Institute is an academic partnership with the Southern California communities we serve driven by the vision that sustaining water resources rests on sound research, analysis and public policy collaboration.

Advisory Board	
Member	Affiliation
Shari McMahan	CSUSB Provost/VP Academic Affairs
Cynthia Crawford	CSUSB Interim Associate Provost for Research
Aldstadt, Stacey	City of San Bernardino
Anderson, Kate	Agua Caliente Band of Cahuilla Indians
Asche, Peggy	West Valley Water District
Block, Jane	Riverside Land Conservancy
Brenner, Beth	CSUSB, AVP Development
Carlson, Robert	CSUSB Dean Emeritus, College of Natural Sciences
Carruthers, Andrea	Inland Empire Utilities Agency
Castro, Vivian Grace	Chino Basin Water Conservation District
Cozad, Daniel	Integrated Planning & Management Inc.
Davis, Jeff	San Gorgonio Pass Water Agency
Davis, Tom	Agua Caliente Band of Cahuilla Indians
Eckhart, Lance	Mojave Water Agency
Eke, Kenneth	SB County Flood Control
Feldmann, Drew	San Bernardino Valley Audubon Society
Ferre, Jeff	Best, Best, & Krieger, LLP
Fletcher, Louis	SB Valley Municipal Water District
Garcia, Pattie	Agua Caliente Band of Cahuilla Indians
Grindstaff, Joe	Inland Empire Utilities Agency
Hanna, Gigi	City of San Bernardino
Hester, Yvonne	Mojave Water Agency
Krieger, Robert	Krieger & Stewart
Mackenzie, Allison	Babcock Laboratories, Inc.
Marz, Nick	Babcock Laboratories, Inc.

Member	Affiliation
McGuire, Rachel	Western Municipal Water District
Mura, John	East Valley Water District
Nguyen, Anh	Jurupa Community Services District
Noblet, Jim	CSUSB
Olds, Logan	General Manager, Victor Valley Wastewater Reclamation Authority
Reed, Randall	Cucamonga Valley Water District
Rosentrater, Phil	General Manager, Salton Sea Authority
Rossi, John	General Manager, Western Municipal Water District
Shintaku, Roger	Salton Sea Authority
Simes, Jack	Bureau of Reclamation
Spears, Orville	Inland Water Works Supply Co.
Stewart, Dr. Darleen	CSUSB Professor Emerita, Environmental Education
Stoy, Hank	Cucamonga Valley Water District
Tincher, Bob	SB Valley Municipal Water District
Whitney, Deb	Bureau of Reclamation

WRI Faculty Council	
Member	Department
Stacey Aldstadt	Public Administration, City of San Bernardino
Jennifer Alford	Assistant Professor, Geography
Andrew Bodman	Social & Behavioral Sciences
Sidney Burks	Lecturer, Educational Leadership & Technology
Cesar Caballero	Dean, Library
Rob Carlson	Dean Emeritus, College of Natural Sciences
Kimberly Collins	Assistant Professor, Public Administration
Cynthia Crawford	Professor, Psychology
Joan Fryxell	Professor, Geological Sciences
Brett Goforth	Associate Professor, Geography & Environmental Studies
Joseph Jesunathadas	STEM Education
Rajrani Kalra	Assistant Professor, Geography & Environmental Studies
Sant Khalsa	Professor, Art
Leila Khatib	Health Science
Yu Jung Kim	Assistant Professor, Chemistry
Pam Langford	Director of Executive Affairs, President's Office
Tom Long	Assistant Professor, History
Shari McMahan	CSUSB Provost/VP Academic Affairs
Norman Meek	Chair and Professor, Geography & Environmental Studies
Erik Melchiorre	Professor, Geological Sciences
Tony Metcalf	Professor, Biology
Lal Mian	Environmental Health Program Coordinator/Professor, Health Science & Human Ecology
Jim Noblet	Professor, Chemistry and Biochemistry
Alison Petty Ragguette	Associate Professor, Art
Johnnie Ann Ralph	CSUSB Library Dean Emeritus

Member	Department
Gina Schlesselman-Tarango	Instructional Services and Initiatives Librarian
Barb Sirotnik	Co-Director, Institute of Applied Research
Brett Stanley	Chair and Professor, Chemistry and Biochemistry
Jeff Thompson	Professor, Biology
David Turner	Professor, Computer Science & Engineering
Jill Vassilakos-Long	Coordinator, Special Collections/Archives, Library
Bo Xu	Assistant Professor, Geography & Environmental Studies
Xinying Yin	STEM Education

Activities during previous academic year (2019 - 2020)		
Activity (please describe)	Funds spent	Goal advanced (and extent)
2019-20 Complete assigned and new tasks for the Chancellor's Office WRPI Affinity group	-\$ 458,000	Sound research and analysis.
2019-20—Using Grant and other funding, WRI provided 113 STEM-based experiential-learning internships for CSU students.	-\$ 430,000*	Provide experiential learning to prepare 50+ students/yr. for careers (Reached and exceeded goal).
July, 2019—Complete grant requirements for USDA Watershed Experiential Learning Grant. The grant provides over 200 underrepresented CSU students with STEM-based internships, along with scholarship, employment, and networking opportunities for participants	+\$500,000	Sound research and analysis
2019-20—Received funding for 2 additional work orders for State Water Board grant. This provides research and internship opportunities for CSU faculty and students.	+\$167,500	Sound research and analysis
2019-20 – Performed first year of Task 2 for the DWR West Basin, Upper Santa Clara River, and Ventura County Technical Assistant Grant.	Performed \$975,000 of grant	Sound research and analysis
2019-20 Completion of Claremont Colleges digitization grant	+38,000	Sound research and analysis
2019-20 Received funding for student assistant to digitize the Salton Sea Collection	+5,000	Sound research and analysis. Provide experiential learning for students
2019-20 Expand Salton Sea Authority archives. Archivist and working closely with the Salton Sea Authority. Goal is to digitize this collection for greater access to the materials. 2 student Interns from CSUSBPDC. Original documents moved to a separate collection area within the library.	+25,000	Sound research and analysis. Premiere collection of historic water related archives. Added collection from Coachella Water District-which includes historic aerial photos. Archivist for the Salton Sea Authority.

Activity (please describe)	Funds spent	Goal advanced (and extent)
2019-20—K-12 outreach. As a part of the USDA Watershed Management Experiential Learning grant, provided experiential learning opportunities for underserved K-12 students.	-\$9,000	Sound research and analysis. (One cohort of high school students completed, for a total of five cohorts completed overall.)
2019 – Received and documented significant additions to the CSUSB WRI Historical Water Documents Collection. Additions include documents from the collection of the Ralph Wagner Estate (\$50,000) and historical documents from the San Bernardino Valley Municipal Water District (\$50,000).	+100,000	Premiere collection of historic water related archives.
2019-20—Received gift donations from Founding Partners with additional pledges from new donors. Donations come from water agencies and individuals including the Witherspoon Family Estate	+\$46,000	Premiere collection of historic water related archives
June 2020—Complete Phases 1 & 2 of SAWPA Disadvantaged Communities Water Grant	\$1,200,000	Sound research and analysis.
2019-20—Provide an additional CSUSB student intern in partnership with Cucamonga Valley Municipal Water District.	+12,000	Provide experiential learning to prepare 50+ students/yr. for careers (Reached and exceeded goal).
2019-20—Provide 5 internships in partnership with Chino Basin Water Conservation District	-\$36,000	Provide experiential learning to prepare 50+ students/yr. for careers (Reached and exceeded goal).
July, 2019 CSU Chancellor’s Office renewed funding and expanded responsibility for management and programs of the Water Resources and Policy Initiatives Affinity Group, managed by WRI Staff.	+\$458,000	Sound research and analysis.

"+" indicates money generated; "-" = money spent; "*" = external funds; "***" = returned indirect funds

Use of funds				
	Internal funds		External funds	
	Previous academic year	Current academic year (projected)	Previous academic year	Current academic year (projected)
A. Salaries	\$ 5,000	\$ 5,000	\$ 394,183	\$ 290,000
B. Assigned time	\$ 0	\$ 0	\$ 51,783	\$ 36,000
C. Telephone/fax	\$ 1,332	\$ 1,350	\$ 0	\$ 0
D. Office supplies	\$ 0	\$ 0	\$ 27,102	\$ 25,000
E. Other	\$ 0	\$ 1,500	\$1,448,591	\$ 1,200,000
Total	\$ 6,332	\$ 10,000	\$1,921,659	\$ 1,551,000
<i>On a separate sheet, please itemize A., B., and E.</i>				

Please also describe planned activities for the current academic year:

Planned Activities Current Academic Year (2018 - 2019)		
Activity (please describe)	Funds spent (External)	Goal advanced
July 2020 – June, 2021 Receive funding to continue work on Task 3 of SAWPA Disadvantaged Communities Project	\$1300,000	Provide experiential learning to prepare students for careers. Sound research and analysis
July, 2020 – June, 2021 Complete work on new State Water Board Task Orders	\$145,000	Sound research and analysis
July, 2020 – June 2021 Complete Task 3, and begin work on Task 2 for DWR West Basin DAC Project	\$1,600,000	Provide experiential learning to prepare students for careers. Sound research and analysis
20120-2021 - Collection from CA Dept. of Water Resources of Archival materials greatly expanding the WRI Archive holdings	\$25,000.	Expansion of the Joseph Andrew Rowe Water Resources Archives for sound research and analysis
2020-21 – Continue to develop the collections of the WRI Archives and Aerial Photographs Collection.	\$20,000	Improve donor relations, increase the value of library assets, and improve community relations.
20-21-Complete all Chino Basin Water Conservation District Internships	\$20,000	Provide experiential learning to prepare students for careers
2020-21 – Develop and grow Salton Sea Palm Desert Campus archives.	\$25,000	Improve donor relations, increase the value of library assets, and improve PDC community relations.

The position (and funding for that position) of Director of the WRI must remain in place until a permanent Director is found, or the University determines that the Interim Director fill the position as the permanent Director of the WRI. An Archivist position for the WRI should be retained.



Director Signature

(Co-)Director Signature

Unit Reporting Person recommendation	
Name and title:	
<input checked="" type="checkbox"/>	Keep on active status.
<input type="checkbox"/>	Move to probationary status.
<input type="checkbox"/>	Move to inactive status.
Recommendations and comments including the criteria and data reviewed. Please attach additional page(s) as necessary: .	

Chign

3/9/2020

Unit Reporting Person Signature

Date

Educational Policy and Resources Committee recommendation (Only after 3 or 5 year review)	
<input type="checkbox"/>	Keep on active status.
<input type="checkbox"/>	Move to probationary status.
<input type="checkbox"/>	Move to inactive status.
Recommendations and comments including the criteria and data reviewed. Please attach additional page(s) as necessary:	

EPRC Chair Signature

Date

Provost recommendation (Only after 3 or 5 year review)	
<input type="checkbox"/>	Keep on active status.
<input type="checkbox"/>	Move to probationary status.
<input type="checkbox"/>	Move to inactive status.
Recommendations and comments including the criteria and data reviewed. Please attach additional page(s) as necessary:	

Provost Signature

Date

President decision (Only after 3 or 5 year review)	
<input type="checkbox"/>	Keep on active status.
<input type="checkbox"/>	Move to probationary status.
<input type="checkbox"/>	Move to inactive status.
Recommendations and comments including the criteria and data reviewed. Please attach additional page(s) as necessary:	

President Signature

Date

Appendix 1: Itemized Expenditures

Category A.

Internally funded salary expenses

1. Student intern \$5,000

Externally funded salary expenses

1. B. Witherspoon	\$113,284
2. C. Rodriguez	28,663
3. K. Firstenberg	26,500
4. Y. Castellanos	42,598
5. S. Keough	28,704
6. T. Fukumoto	25,002
7. M. Moreno	50,004
8. M. Moore	35,568
9. C. Muldoon	<u>43,860</u>
	\$394,183

Category B.

Externally funded CSUSB release time/ Overburden

1. B. Goforth	\$9,418
2. J. Alford	37,594
3. B. Sirotnik	2,161
4. J. Fenelon	<u>2,610</u>
	\$51,783

*WRPI CSU Faculty Awards (\$116,536)

Category E.

Other Internal expenses:

1. Duplicating/ mailing costs	\$ 500
2. Miscellaneous Expenses	<u>1,000</u>
Total	\$1,500

Other External Expenses:

1. Student internships	\$453,706
2. Other CSU Faculty support*	311,346
3. Student scholarships	20,000
4. Instructional supplies	28,219
5. WRPI Travel	18,128
6. Subcontracts and Consultants	480,367
7. WRPI Events	9,420
8. F & A Indirect Recovery	<u>127,405</u>
Total	\$ 1,448,591

*Release Time and Overburden (WRPI Faculty Research Awards and Grant Sub-Awards)