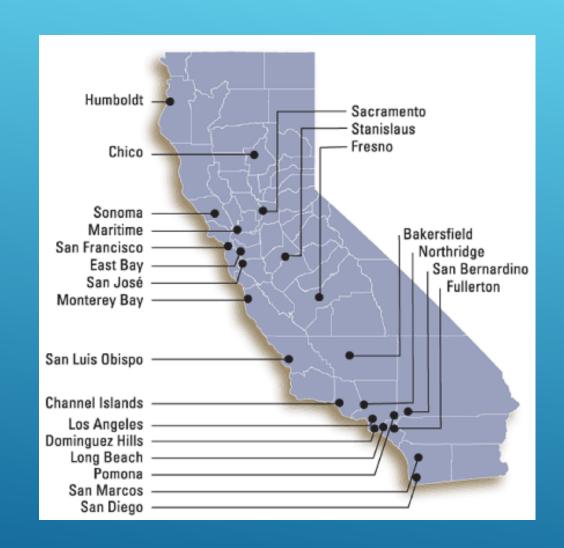


AFFINITY GROUPS AND MULTI-CAMPUS CONSORTIUMS

BOYKIN WITHERSPOON III EXECUTIVE DIRECTOR, WRPI

- 23 Campuses
- 430,000 Students
- 45,000 Faculty





WRPI PROGRAMS:

120 PAID STUDENT INTERNS PER YEAR

FACULTY RESEARCH INCENTIVE PROGRAM
GENERATES APPROXIMATELY \$2 MILLION PER
YEAR

\$7,500,000 AWARDED TO WRPI FROM EXTERNAL GRANTS 2014-2018

CSU CONSORTIUM BUILDING

INDUSTRY, AGENCY PARTNERSHIPS



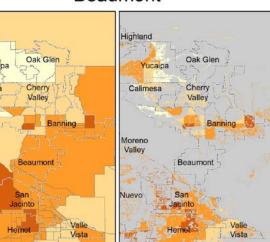




UNITED STATES DEPARTMENT OF

Beaumont









Welcome to the Office of Water Programs!

Our Mission is to provide cost-effective solutions for protecting and enhancing water resources, public health, and the environment through training, scientific research, and public education.

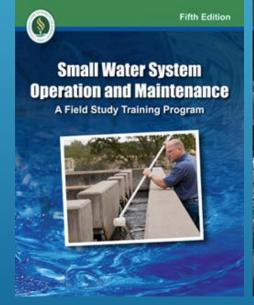


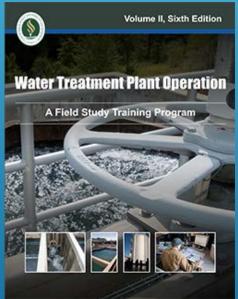
Ramzi Mahmood Director, Office of Water Programs

23 TECHNICAL AND CERTIFIFICATE TRAINING COARSES

WATER QUAITY TESTING

CALTRANS AND NATION-WIDE DOT STORMWATER MANAGEMENT CERTIFICATION







FRESN@STATE

Discovery. Diversity. Distinction.

Center for Irrigation Technology

Celebrating 35 years!



- functions as an independent testing laboratory, applied research facility, and educational resource to both public and private sectors.
- is dedicated to advancing irrigation technology, water/energy management practices, and equipment standards.
- The International Center for Water Technology was established to provide education and research to assist in developing and adopting innovative solutions and technologies that improve water use efficiency.

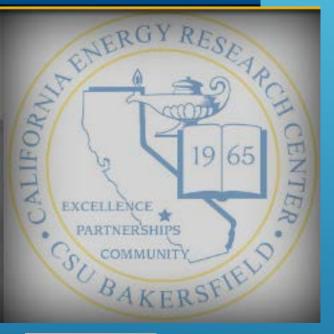


• To carry out concise, comprehensive studies that will provide the direction for better future uses and conservation of the State's waters.



David Zoldoske, Ph.D - Director







Alan Fuchs
Director

California Energy Research Center (CSUB CERC).

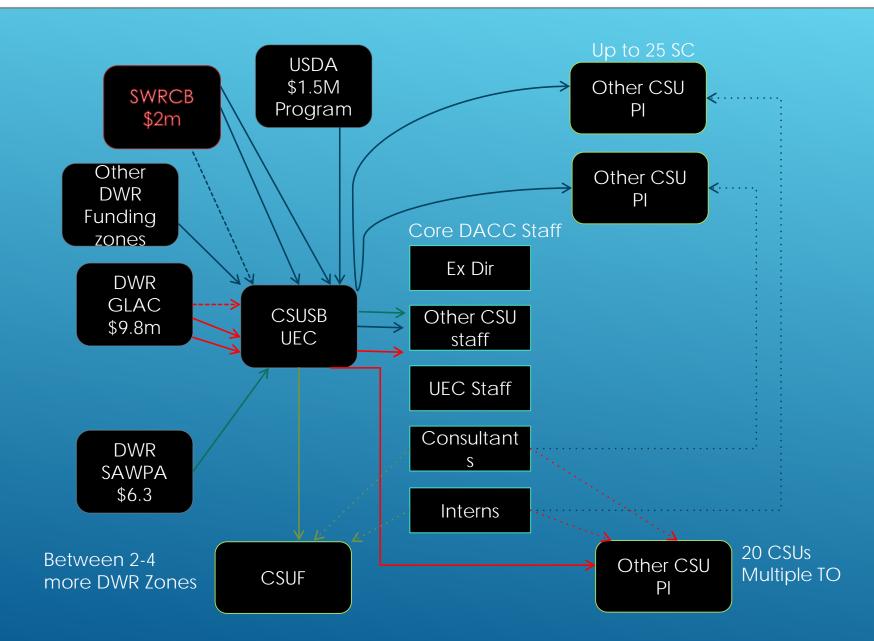
We engage in collaborative research efforts focusing on maximizing the efficient development of a host of energy resources available in our service region. Our expertise and experience cover a wide range of topics including:



- Farm equipment design and testing
- Wireless harvesting systems
- Drone studies
- Photosynthesis efficiency
- Biofuels



- Reservoir modeling (hydrocarbons, steam, CO2)
- Shale fracture studies
- Laboratory-based feasibility studies
- Treatment of produced water in oil field operations
- Evaluation of guar gum and bio-polymers in hydrofracturing fluids





SO, WHERE IS THE RISK?

ITS NOT THE TALENT
ITS NOT THE CAPACITY

THE RISK IS WITH THE INSTITUTIONS THEMSELVES

\$100,000 direct grant to CSUSB UEC 25% IDC = \$25,000 \$125,000 total grant amount

\$50,000 direct CSUSB UEC 25% IDC = \$12500 \$62,500 total CSUSB UEC

\$6250 more to CSUSB UEC for a total of \$68,750 with \$18,750 being indirect fees.

\$50,000 direct sub contract to Chico

CSUSB UEC takes 25% IDC of the first \$25,000 of the sub award amount = \$6250

This scenario puts us \$6250 in the red

\$50,000 direct CSU Chico 25% IDC = \$12500 \$62,500 total CSU Chico sub award

Chico IDC of \$12500 minus the \$6250 charge = \$6250 for Chico which means their sub contract total is \$56,250 not \$62,500

So we have to do this



DEVELOP A CO EXEMPTION FOR AB 20

	A	В	С	D	E	F	G	Н		J	K	L	M	N	0	P	Q
1	1 WRPI Indirect cost on Subawards to CSU campuses (university/auxiliary)																
2																	
3	Sharing 25% IDC on the first \$2						25K of Sub	<u>)</u>									
4						\$25,000		25%	\$6,250								
			Sub Dir													UEI IDC Total	¢1.004
5			Cost Amt										Using Max Sub Dir			Net +/-	\$1,084
6		Subaward							UEI IDC Amt		First \$25K	Over \$25K	UEI 1st \$25K Base				
7	Direct Costs			Sub IDC Amt	IDC		SB UEI	1st \$25K	1st \$25K	Combined	IDC Savings	Adj by Savings	UEI IDC	UEI & Sub	Sub TDC	UEI	
8	Range	Min	Max	IDC %	on 1st \$25K	Max Total	Total Sub \$	IDC %	Sub Base	IDC Amt	IDC Amt	on Sub	up to #\$25K **	on mod base	Total IDC	x 25%	+/- IDC
9	Subaward Range 1*	\$0	\$25,000	19.00%	\$4,750	\$4,750	\$29,750	25%	\$6,000	\$1,500	\$6,250	\$0	\$6,000	\$1,500	\$6,250	\$6,250	(\$4,750)
10	Subaward Range 2	\$25,001	\$50,000	19.00%	\$4,750	\$9,500	\$59,500	25%	\$6,000	\$1,500	\$6,250	\$1,500	\$12,000	\$3,000	\$12,500	\$12,500	(\$3,250)
11	CSUN		\$49,741	19.00%	\$4,750	\$9,451	\$59,192	25%	\$6,000	\$1,500	\$6,250	\$1,484	\$11,938	\$2,984	\$12,435	\$12,435	(\$3,266)
12	Subaward Range 3	\$50,001	\$75,000	19.00%	\$4,750	\$14,250	\$89,250	25%	\$6,000	\$1,500	\$6,250	\$3,000	\$18,000	\$4,500	\$18,750	\$18,750	(\$1,750)
13	Subaward Range 4	\$75,001	\$100,000	19.00%	\$4,750	\$19,000	\$119,000	25%	\$6,000	\$1,500	\$6,250	\$4,500	\$24,000	\$6,000	\$25,000	\$25,000	(\$250)
14	Subaward Range 5	\$100,001	\$125,000	19.00%	\$4,750	\$23,750	\$148,750	25%	\$6,000	\$1,500	\$6,250	\$6,000	\$30,000	\$7,500	\$31,250	\$31,250	\$1,250
15	Subaward Range 5a		\$110,000	19.00%	\$4,750	\$20,900	\$130,900	25%	\$6,000	\$1,500	\$6,250	\$5,100	\$26,400	\$6,600	\$27,500	\$27,500	\$350
16	Subaward Range 6	\$125,001	\$150,000	19.00%	\$4,750	\$28,500	\$178,500	25%	\$6,000	\$1,500	\$6,250	\$7,500	\$36,000	\$9,000	\$37,500	\$37,500	\$2,750
17	Subaward Range 7	\$150,001	\$175,000	19.00%	\$4,750	\$33,250	\$208,250	25%	\$6,000	\$1,500	\$6,250	\$9,000	\$42,000	\$10,500	\$43,750	\$43,750	\$4,250
18	Subaward Range 8	\$175,001	\$200,000	19.00%	\$4,750	\$38,000	\$238,000	25%	\$6,000	\$1,500	\$6,250	\$10,500	\$48,000	\$12,000	\$50,000	\$50,000	\$5,750
19										\$15,000	\$62,500	\$48,584	**				
20																	



SUB AWARD TERMS AND CONDITIONS

RISK ASSESMENT PROCEDURES AND FORMS

23 DIFFERENT TEMPLATES AND PROCEDURES

WORKFLOW AND PRIORITY ISSUES (WHAT DO FOUNDATIONS DO?)

STANDARDIZE TEMPLATES AND WORKFLOWS



THANK YOU

BOYKIN WITHERSPOON III

BWITHERS@CSUSB.EDU