# Boykin Witherspoon III 

Executive Director, WRPI
Director of Programs, WRI CSUSB

Julie Lappin
Program Manager, WRI CSUSB

For this afternoon:

- Who Am I
- WRPI Activity
- WRPI Initiatives


## Master Landscape Architecture



## 10 Years as a Professor



## 6 Years with ESRI



## CSUSB WRI



## CSU Employee from 2006

Executive Director

CSII The California State University<br>working for california

## Water Resources and Policy Initiatives

Director of Programs Water Resources Institute


Director, Center for Geographic Information Science Research

Lecturer, Dept. of Landscape Architecture

## CAL POLY POMONA

## Cal Poly SAN LUIS OBISPO

## Worked with Cal EMA and DWR / FEMA



# The Integrated Approach 



## Coastal Development and Oil Spill

Washington State Coastal Sensitive Areas Mapping Project Upper Puget Sound Booklet


SHORELINE ACCESS DESIGN GUIDELINES


For Washington Marine Shoreline Habitats

July 1994

Washington state department of
Natural Resources
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## ESI to Inland Interior Waters (Nigeria)

ESI Mapping Standards and Protocols


## Water Infrastructure Management



## Policy and Regulatory Experience



## Policy and Regulatory Experience



## WRPI Activity

## WRPI Internship Program

## Program Specifics

- Objective: Increase awareness, retention, and graduation rate of qualified underrepresented CSU students, leading towards USDA career attainment
- Experiential approach to learning in the field of watershed management
- 50 Interns placed per year
- Total Salary: \$4,500
- Undergraduate - \$12.50/hour

- Graduate - \$15/hour
- Up to $\$ 560$ for approved supplies and/or mileage reimbursement
- \$40,000 scholarship for pursuit of Ph.D. in USDA relevant discipline
- Accepting applications for Year 3 now through October 1, 2013


## WRPI Internship Program

## Examples of Projects:



## Examples of Host Organizations:

- 14 CSU campuses
- USDA
- California Fish \& Game
- RCD Santa Cruz County
- San Dieguito River Park
- Ventura Coastkeepers
- Tuolumne River Trust
- Monterey Co. Water Resources Agency


## WRPI Internship Program Resources

## Total Interns Placed to Date: 100

Total Funding Received to<br>Date:<br>\$1,050,695

Over 69\% of the dollars received go directly to the campus partners for students

## Amounts to CSU Partners:

Bakersfield \$60,075
Channel Islands \$6,675
Fresno \$73,425
Fresno (subaward) \$51,744
Los Angeles \$35,348
Monterey Bay \$200,250
Northridge \$44,040
Pomona \$33,375
San Bernardino \$42,119
San Diego \$66,750
San Marcos \$55,487
Stanislaus \$60,075
Total paid: \$729,363

## WRPI Internship Students



## WRPI USDA RUS Research

USDA Rural Utilities Services Grant \$150,000, one year

3 Detailed DAC Studies - CSU CEU Course Material

CSU Fresno and CSUSB

## WRPI STEAM and DOE MSEIP Proposals

USDA STEAM
\$200,000 for 4 years
CSUSB, Cal Poly Pomona, CSU Fresno
Adds Ag to STEM
Similar to current USDA


New Concept Single student multiple years
First year with a professor
Subsequent years off site internship

DOE MSEIP
\$250,000 for 3 years
New Concept Single student multiple years
First year with a professor
Subsequent years off site internship


## WRPI Initiatives

## WRPI California Project Based Research



## WRPI California Project Based Research



## WRPI DWR IRWMP



## WRPI DWR IRWMP



## WRPI Water Education (MWD)



## WRPI MOU and Cooperative Agreements



## WRPI MOU and Cooperative Agreements




# Thank you very much... 

Boykin Witherspoon III

## Executive Director

CSU Water Resource \& Policy Initiative

Director of Programs Water Resources Institute Cal State San Bernardino

