ARI funding opportunities at the water/agricultural interface

David Still
ARI Executive Director
Professor, Plant Sciences, Cal Poly Pomona
The Agricultural Research Institute (ARI) “supports and funds applied agriculture and natural resource research that improves the economic efficiency and sustainability of California agriculture.”
Agricultural Research Institute

Funding (1999 – 2016)

ARI Total Funding: $69,556,354
Total Match: $79,315,157

Total Funding: $148,871,511
~ 20% of ARI funding has supported “water” projects, broadly defined

Project categories and funding (1999 – 2016)

<table>
<thead>
<tr>
<th>Category</th>
<th>ARI Allocation</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Business</td>
<td>$ 4,153,992</td>
<td>79</td>
</tr>
<tr>
<td>Biodiversity</td>
<td>$ 1,926,052</td>
<td>24</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>$ 11,785,180</td>
<td>110</td>
</tr>
<tr>
<td>Food Science/Safety/Security</td>
<td>$ 13,689,585</td>
<td>178</td>
</tr>
<tr>
<td>Natural Resources</td>
<td>$ 6,483,999</td>
<td>87</td>
</tr>
<tr>
<td>Production and Cultural Practices</td>
<td>$ 20,966,181</td>
<td>248</td>
</tr>
<tr>
<td>Public Policy</td>
<td>$ 2,035,638</td>
<td>38</td>
</tr>
<tr>
<td>Water and Irrigation Technology</td>
<td>$ 8,515,727</td>
<td>82</td>
</tr>
<tr>
<td><strong>Overall Totals</strong></td>
<td><strong>$ 69,556,354</strong></td>
<td><strong>846</strong></td>
</tr>
</tbody>
</table>
Competitive Grants

Campus

Requires 1:1 match

Yes

Requires collaboration w/ other CSU, UC, Agencies

No

System

Requires 1:1 match

Yes

Yes

Yes
Competitive Grants

Campus

• Requires 1:1 match
• Non-CSU general fund
• Project Related

• 25% cash minimum

System

• 50% cash minimum
**Competitive Grants**

- **Campus**
  - Requires collaboration
  - No, (but encouraged)

- **System**
  - Yes
  - Another CSU
  - University of California
  - Federal Agency (e.g., USDA ARS)
  - State Agency
Competitive Grants

$3.83 million allocated annually for research (CA legislated)

**Campus**
- $0 - $150,000
- 1 to 3 years
- $450,000 max
- $3.074 M

Fresno=SLO>Pomona>Chico>Humboldt>Monterey Bay

**System**
- $75,000 to $150,000
- 1 to 3 years
- $450,000 max
- $0.8 M

CSU – wide
Recently funded projects at the water-agriculture interface

- **Irrigation and soil management tools for saline irrigation**
  - Sharon Benes, PI, Fresno; Daniel Putnam (UC Davis), Hossein Zakeri (Chico), Robert Hutmacher (UC Davis)
  - ARI Funding: $179,074; Match funding: $232,580
  - Two Years
Physiological performance and nutritional quality of forages irrigated with oilfield waters.

- Florence Cassel Sharma, PI, Fresno; Dave Goorahoo (Fresno), Luis Cabrales (Bakersfield), Shankar Sharma (UC Merced)
- ARI Funding: $450,000 Match funding: $514,000
- Three Years
Recently funded projects at the water-agriculture interface

- Quantifying benefits of on-farm BMPs for irrigation and nutrient management.
  - Forrest Melton, PI, Monterey; Lee Johnson (Monterey), Dave Goorahoo (Fresno), Florence Cassel Sharma (Fresno), Kirk Post (Monterey), Michael Cahn (UC Davis)
  - ARI Funding: $443,720; Match funding: $443,720
  - Three Years
Agricultural Research Institute (ARI)
FY 2018-19 Call for Proposals

APPLICATION DEADLINES:

System Pre-Proposal Application Deadline: NOVEMBER 13, 2017
System Full Proposal Application Deadline: FEBRUARY 12, 2018
Campus Application Deadline: FEBRUARY 12, 2018
Contact Information

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