

Announcement of Opportunity (September 7, 2021) Freshwater Collaborative of Wisconsin (FCW)

The Freshwater Collaborative of Wisconsin (FCW) was launched in 2019 with the goal of advancing Wisconsin's lead in water sector innovation and creating a unique platform for linking economic and workforce development with higher education. The FCW leverages UW System's broad expertise, world class faculty, research acumen and commitment to undergraduate and graduate student training in freshwater science to increase Wisconsin's competitive advantage in water-related technology, entrepreneurship, and economic growth.

The FCW is creating a new era of inter-campus, state agency, and private sector collaboration through addressing 10 Grand Water Challenges:

10 Grand Water Challenges

- 1. Agricultural Water Management
- 2. Industrial Water Engineering and Technology
- 3. Water Quality Safety and Emerging Contaminants
- 4. Great Lakes Management and Restoration
- 5. Water Infrastructure: Collection, Distribution, Treatment
- 6. Water Business and Finance
- 7. Watershed Management and Restoration
- 8. Water Security, Protection and Resilience
- 9. Healthy Recreational and Transportation Water Use
- 10. Aquaculture/Aquaponics/Water Food Systems

A key component to the FCW is fostering multi-campus collaborative research and educational initiatives across the 13 campuses, private sector, and state institutions to address the water challenges of the 21st century.

The Freshwater Collaborative Grants Program seeks to fund collaborative multi-campus proposals that involve components of fundamental and applied research and education about water systems. The objectives of the grant program are to develop collaborative initiatives linked to the 10 Grand Water Challenges that 1) drive technology innovation; 2) foster workforce development; 3) provide resources for science-driven water policy and law and/or 4) inform sustainable management of water resources.

Tracks/ Approximate Original Total Funding Available

- Track 1: Research Collaboration Summits/Working groups: ~\$60,000
- Track 2: Strategic Research: ~\$500,000
- Track 3: Undergraduate FCW Interdisciplinary curriculum, training & course development and design: ~\$240,000
- Track 4: Freshwater Research Experience for Undergraduate Awards: ~\$160,000
- Track 5: Inter-Institutional Undergraduate Training Programs: ~\$100,000

Approximately \$217,000 is available for projects through this final FCW Grants competition.



Funds are targeted toward Tracks 3, 4, and 5 for the development of collaborative programming, and to support undergraduate research. More information is included in the Track 3, 4, and 5 sections below **Proposal submission deadline is November 1, 2021**



Freshwater Research and Education Collaborative, 2019-21 (Pilot phase of Freshwater Collaborative of Wisconsin) Announcement of Opportunity

Program Description:

The Freshwater Collaborative Grants Program seeks to fund collaborative multi-campus proposals that involve components of fundamental and applied research and education about water systems. The objectives of the grant program are to develop collaborative initiatives linked to the 10 Grand Water Challenges that 1) drive technology innovation; 2) foster workforce development; 3) provide resources for science-driven water policy and law and/or 4) inform sustainable management of water resources

Anticipated Type of Awards:

There are several types of awards available as identified in three Tracks described below.

Estimated Number of Awards:

The actual number of awards varies among Tracks.

Anticipated Funding Amount:

\$1.1M in total (\$217,000 for this call).

Eligibility Information:

Who May Submit Proposals:

- Any institution within the University of Wisconsin System, all 4-year, 2-year campuses, research institutions and centers
- Collaborations with UW-Madison or UW-Milwaukee must include 1 or more of the comprehensive UW Universities

Who May Serve as PI:

- Faculty and staff at a UW System institution
- In order that the FCW grants focus on developing and growing research across all UW Universities, UW-Madison and UW-Milwaukee may no longer serve as primary PIs for FCW grants in order to promote research at the comprehensive UW Universities

Limit on Number of Proposals per Organization:

• There are no restrictions or limits

Limit on Number of Proposals per PI or Co-PI:

• There are no restrictions or limits

Please note: We highly encourage collaborations with industry, policy makers, non-profit organizations, and/or community.

Proposal Preparation Instructions: Proposals should be packaged and submitted as a single pdf file, including all sections.

See descriptions for individual Tracks. Proposals should clearly identify at the beginning of the title which Track is being proposed, e.g. "Track 3: Undergraduate FCW Interdisciplinary curriculum, training & course development and design:"



Uniform Proposal Format Requirements:

Cover Page:

- Title beginning with "Track X ..."
- Principal Investigators, contact information (including email)
- Proposing Institution and Institutional Contact for Award (including email)
- Time frame of award
- Grand Water Challenges addressed in proposal
- Amount of FCW funding requested
- Cost sharing proposed (if applicable)
- Number of undergraduate students engaged with or employed in proposal

Executive Summary (one page):

- Summarize proposed effort and its relevance to the themes of the FCW
- Explicitly state which Grand Challenges are addressed in proposal
- Describe how this project will meet the goals and objectives of the FCW

Budget: Budget information for each institution is to be submitted in a table similar to the one below.

* PIs should consult their respective Controller's office or ORSP office to determine how to budget fringes for these grants. All grant dollars will be awarded directly to individual campuses from state funds and will be transferred as supply dollars.

Budget Narrative: See requirements for individual Tracks (below).

Budgetary Information:

Cost Sharing:

Inclusion of cost sharing if required

Matching Funds:

Foregone indirect funds cannot be used as match

Indirect Cost (F&A) Limitations:

F&A costs are excluded. Budgets are for direct costs and cost-sharing only.

Other Budgetary Limitations:

Other budgetary limitations apply depending upon award type. Please see the full text of this solicitation for further information.

No equipment costs will be funded in FCW grants

Award disbursement (amended 10-27-20):

Awards will be dispersed by the FCW to all collaborating institutions.

UW University -	Year 1	Year 2	Year 3	Total
Faculty/Staff Salary				\$0.00
Faculty/Staff Fringe Benefits				\$0.00
Equipment				\$0.00
Materials				\$0.00
Travel				\$0.00
Undergraduate Student #s				\$0.00



Undergraduate Research Stipend				\$0.00
Undergraduate Student Fringe Benefits				\$0.00
Undergraduate Student Travel				\$0.00
TOTALS:				\$0.00
20% Cost-Share				
UW University -	Year 1	Year 2	Year 3	
Researcher Salary				\$0.00
Researcher Fringe Benefits				\$0.00
Equipment				\$0.00
Materials				\$0.00
Travel				\$0.00
Undergraduate Student #s				\$0.00
Undergraduate Research Stipend				\$0.00
Undergraduate Student Fringe Benefits				\$0.00
Undergraduate Student Travel				\$0.00
TOTALS:				\$0.00
20% Cost-Share				

** **COVID-19 contingencies**: Given the recent outbreak and the potential significant impacts on research, collaboration, and planning, please detail impact and plans for dealing with the COVID-19 restrictions, adaptation, and contingencies for the project proposed, including: possible delay in starting date, schedule, collaborations, student involvement, etc. under a separate heading and section in the proposal.

Due dates: All proposals are due by November 1, 2021.

****Proposal submission:** Proposals must be approved by the appropriate Office of Sponsored Research or its equivalent prior to submission. Proposal submission will not be accepted without grants office representatives from each collaborative university copied on email.

<u>Madison</u>: Applicants to the FCW should use the WISPER electronic routing application to secure department and dean/director/division-level authorizations. Division-authorized WISPER records should be routed to WISPER user RUSSELL SCHWALBE in department 34-0200. Please set the "submission method" field in the WISPER record to "internal routing only." The record does not need to be routed through RSP.

Proposal review: Proposals will be reviewed by the Freshwater Collaborative of Wisconsin (FCW) steering committee with representatives from all 13 UW System universities (as defined in the WEDC application), or a subset of this group authorized by the Steering committee to conduct reviews. Comments and recommendations for funding will be solicited from the full committee with the FCW Director having final discretion. External reviewers may be solicited for specific technical or scientific expertise.

Review criteria: Proposals will be assessed based upon their strength in implementing the goals and objectives of the FCW and in capturing the widest possible participation across UW System campuses and programs. In addition, proposals will be judged based upon:



- 1. Whether the proposed program meets a high standard of Intellectual Merit and Scholarship necessary to advance knowledge and expand the capacity of the State to address the Grand Water Challenges enumerated above;
- 2. Whether the proposed program(s) accomplish one or more of the following broader impacts including the achievement of societally relevant outcomes:
 - Enhanced workforce development programming, including research experiences, training institutes and graduate research
 - Increased partnerships between academia, industry, government, and others
 - Expanded public engagement and literacy on water challenges within the state of Wisconsin
 - Improved water security and safety; management, protection, and preservation of water resources for the State of Wisconsin
 - Increased economic competitiveness of Wisconsin

3. Whether the proposed collaboration exhibits potential for development of other externally funded initiatives, grants, or other opportunities for continued collaboration among investigators.

How to submit:

Submissions should be submitted as a single pdf file, emailed to: <u>freshwater-collaborative-AO@uwm.edu</u>

Major PI will submit proposal via email. Proposal submission will not be accepted without grants office representatives from each collaborative university copied on email.

Please note "Submission to Track X" in the subject line. Receipt of submission will be acknowledged by reply email.



Summary of Proposed FCW Awards by Track (see table below):

Track	Description	Max. per award	Target submission dates	Target award date
1	Research Collaboration Network Summits & Workshops	\$ 10,000	Currently not accepting applications	~ 1 mo. post submission
2	Strategic Research Support		Currently not accepting applications; initial objectives fulfilled.	~ 2-3 mo. post submission
	Research / PI Support: Max. per PI	\$ 30,000 / PI		
	Required Supplemental Undergraduate research stipends	\$ 4,000		
3	UG FCW Interdisciplinary training & course development	\$ 20,000 per university	November 1, 2021	~ 1 mo. post submission
4	Research Experience for Undergraduate Fellowships			
	Summer Fellowships	\$ 10,000	November 1, 2021	~ 1 mo. post submission
	Academic Fall or Spring Semester Fellowships	\$ 5,000	November 1, 2021	~ 1 mo. post submission
5	Inter-Institutional Undergraduate Training Initiatives	\$ 25,000	November 1, 2021	~ 1 mo. post submission



The Freshwater Research Collaborative (Pilot phase of FCW)

Announcement of Opportunity (21 Jan. 2020, amended 2 April 2020, 7 September, 2021) Track Descriptions:

Track 1: Research Collaboration Summits/Working groups

Note: As of September 2021, Track 1 is no longer accepting applications due to budget constraints.

<u>Research Collaboration Summits & Working Groups</u> are designed to foster communication and promote new collaboration among UWS faculty and scientists and relevant stakeholders with diverse expertise and who share a common interest in a new or developing area freshwater science, engineering, or policy. It is anticipated that these activities will contribute to furthering the goals of the FCW by encouraging the formation of cross campus collaborations, groups, and networks. RCS awards are intended to foster networking activities and thus will not directly support costs related to primary research.

Summits may take the form of 1-2-day workshops bringing investigators (~20) together from across UWS, as well as other stakeholders and private and public sector experts addressing long term issues of water resource conservation, policy, and management. **Working groups** bring together smaller groups (8-12) to make detailed progress on focused water issues with solutions on the time scale of months to years.

Proposals should identify:

- a clear theme as the focus of its activities.
- how the proposed activity relates to the Grand Water Challenges and the goals of the FCW, and should specify the following:
 - questions that will be addressed
 - o activities that will be undertaken
 - new groups of investigators that will be brought together
 - o products that will be generated by network activities (including a written summary)
 - o plan to disseminate information about the network and opportunities to participate
 - expected benefits of the network's activities in moving a field forward and the implications for the broader community of researchers and educators.

Budgets are limited to \$10,000 for travel, support costs, etc. No more than \$1,500 in salary (including fringe) for workshop support and reporting.

20% cost share is encouraged.

Target dates for submission: All proposals are due November 1, 2021.

Proposal format:

- 1. Cover page (see above)
- 2. One-page Executive Summary
- 3. Maximum 6-page single spaced Narrative, describing topic and including proposed dates/timeline, membership of the leadership (steering committee) and responsibilities (facilitation, report writing, logistics support, etc.)



4. **COVID-19 restriction planning

- 5. List of Potential Participants and stakeholder groups (non-binding)
- 6. Budget and Budget Justification maximum 2 pages
- 7. CVs of steering committee members (max 2 pages each, NSF or similar format).

- Relevance to Grand Challenges
- Potential for promoting FCW
- Significance of potential outcomes



Track 2: Strategic Research: Note: As of October 2020, Track 2 is no longer accepting applications due to budget constraints.

Projects under <u>Track 2 Strategic Research</u> are designed to support interdisciplinary research across two or more UW System campuses that address one or more of the Grand Water Challenges identified in the FCW. Proposals may be submitted that address any of the 10 Grand Challenges, however, Grand Challenges 1 and 3 (*Agricultural Water Management* and *Water Quality Safety and Emerging Contaminants*) are considered high priority for this Track and for the state in keeping with the Governor's Year of Safe Drinking Water. Proposals should clearly identify which of the challenges it falls under and how they incorporate the five cross-cutting themes.

Undergraduate research awards are a required component of the research plan.

Budgets are limited to \$30,000 per Pl in research costs + up to \$4,000 per student for supplemental undergraduate fellowships. Multiple students may be included, each to receive up to \$4,000. No more than \$10,000 (including fringe) of the Pl portion of research costs may be in salary for the Pl. Cost share of 20% is required and may be in any form, including in-kind support. Total funding available ~ \$500,00 for research costs (~20 Pls) including \$80,000 (~20 students) for undergraduate awards. Awards may be for up to 24 months.

Proposal format:

- 1. Cover page (see above)
- 2. One-page Executive Summary
- 3. Maximum 15-page single spaced Narrative describing: proposed research, its intellectual merit, relevance to the Grand Challenges, relationship to Cross-cutting themes, and potential for promoting the Freshwater Collaborative across UW System.
- 4. ****COVID-19 restriction planning**
- 5. List of references
- 6. Timeline and Milestones
- 7. Budget and Budget Justification maximum 2 pages. Cost sharing commitments should be clearly identified.
- 8. CVs of Principal Investigators (max 2 pages each, e.g., NSF format).

Target dates for submission (revised 10-27-20): No longer accepting proposals.

- Scientific merit
- Relevance to Grand Challenges and Wisconsin's water resources
- Potential for promoting Freshwater Collaborative of Wisconsin and cross-campus collaborations and team building
- Significance of potential outcomes and impact
- Potential for enhanced educational experience for undergraduate students
- Quality of the writing
- Adherence to guidelines
- Opportunity to expand project to outside funding opportunities



Track 3: Undergraduate FCW Interdisciplinary curriculum, training & course development and planning grant

NOTE: For the final November 1, 2021 application deadline, one proposal will be funded to develop a Freshwater 201 course, a course complementary to the Freshwater 101 course under development. (Please contact FCW Director Marissa Jablonski for more details.) Other proposals must relate to Grand Water Challenge #1: Agricultural Water Management and/or Grand Water Challenge #3: Water Quality Safety and Emerging Contaminants. Proposals must commit to having a pilot course or other training opportunity in place no later than Fall 2022. An estimated \$167,000 will be distributed between Track 3 and Track 5 projects.

Track 3 funds are designed to support the development of water-related curricula, transformative experiences, and capstone opportunities for students that span at least two UWS campuses and are open to all UWS students. Please note: pilot courses run by Fall 2022 do not yet need to be open to all UWS students, but do need to be piloting collaborative course sharing. These experiences could include new face to face, hybrid or online courses or degree programs leading to majors, minors, concentrations, certificates or micro-credentials, summer research opportunities, or other experiences for traditional or non-traditional students. Funding can be used to support summer salary for faculty or administrators working to develop such experiences, reassignment of academic year time, travel for collaborative meetings, or any other items needed for development of programming. While it is recognized that some collaborative opportunities may be administratively complicated, funding requests should be focused on the development of the curricula/experience itself rather than the administrative mechanics. The FCW Executive Director and Steering Committee plan to work through UWSA and each campus to streamline the administration of the projects over time.

The goals of Track 3 are:

- 1) To advance the development of learning and workforce development training tools and offerings within the FCW
- 2) To create transformative experiences for students that span at least two UWS campuses
 - a. Please note: A transformative experience is a course that contains at least 3 of the following components:
 - i. Field experience
 - ii. Lab experience
 - iii. Computer experience (possibly for data analysis, design work, etc.)
 - iv. Connections to internship opportunities
 - v. Testing towards a credential or micro-credential
 - vi. Growing awareness of water career opportunities
- 3) To stimulate interdisciplinary instruction and training opportunities across UWS campuses
- 4) To develop innovative, new courses, curricular components, and/or curriculum including on-line, that will benefit students from all disciplines, as well as students whose principal focus is freshwater

Proposal narrative should include:

- 1) Description of the collaborative course, program or other experience to be developed along with its value to students in the UWS and importance to the state as a whole
- 2) Learning outcomes
- 3) When the course/training opportunity/experience would be typically offered and by whom



- 4) Mode of instruction/training proposed: online, blended, hands-on, internship, etc.
- 5) Designation of development team should include at least two campuses
- 6) Anticipated student demand, class size, etc.
- 7) Collaborators or groups with whom you expect to work to develop and implement the program (e.g. academic departments, Libraries, academic support services, etc.)
- 8) Description of any potential administrative roadblocks to the implementation of the course/opportunity/experience
- 9) Description of how the activity will be assessed student success, feedback, etc.
- 10) Mention of who will be ensuring curriculum includes diversity, equity, and inclusion (DEI) considerations involving accessibility and welcoming people from all backgrounds
- 11) **COVID-19 restrictions description of planning for contingencies needed for ongoing COVID-19 restrictions
- **12)** 20% cost share is encouraged.

Target date for submission: All proposals are due November 1, 2021.

Proposals should not exceed 10 pages single-spaced and budgets should not exceed \$12,000 per collaborating campus per submission. Salary requests per person should not exceed one month of effort.

Proposal format:

- 1. Cover page (see above)
- 2. One-page Executive Summary
- 3. Maximum 10-page single spaced Narrative (see above for content) describing potential for promoting the Freshwater Collaborative across UW System.
- 4. ****COVID-19 restriction planning**
- 5. List of references
- 6. Budget and Budget Justification maximum 2 pages. Budgets should clearly indicate which collaborating campus is receiving each line item. Cost sharing commitments (encouraged but not required) should be clearly identified.
- 7. CVs of Principal Investigators (max 2 pages each).

- Does the proposal meet the goals and objectives of the FCW?
- Does the proposal create wider participation in the FCW?
- Does the proposal have broader impacts including at least one of: new training programs focused on undergrads, improves marketing and recruiting of students, enhances workforce development, increase partnerships, expands public engagement and water literacy, improved water security, safety, management, protection, and preservation, and/or increased economic competitiveness of Wisconsin?
- Does the proposal include all components required by the RFP?
- Does the proposal include collaboration between at least two campuses?
- Is the budget adequate, justified and within stated limits?
- Is the proposal well written and understandable?
- Do the personnel have adequate training, skills, and knowledge?
- Does the proposal adequately address DEI issues?



Track 4: Freshwater Research Experience for Undergraduate Awards (FREU).

NOTE: Students receiving funds through this phase of Track 4 funding will be expected to participate in a statewide research symposium (most likely "Research in the Rotunda") and work with FCW staff on traditional and social media stories to help disseminate their work. An estimated \$50,000 will be distributed for Track 4.

Objectives: This award program seeks to initiate collaborative undergraduate research, scholarship, and creative activity, while simultaneously promoting faculty research collaborations in Water Resources across UW System universities.

Principles: Successful, new research and scholarly collaborations develop most readily when collaborators share strong professional relationships, when the work is centered around students, and when everyone is working in an environment of reasonable expectations surrounding deliverables. These factors promote trust and provide an environment promoting creative intellectual risk-taking.

Call: This program seeks proposals to support undergraduate students engaged in freshwater research, scholarship, or creative activities.

Proposals should clearly relate to Wisconsin's freshwater resource, should be of significant magnitude to engage an undergraduate water fellow for the duration of the award, and should be collaborative in nature.

This call is limited to UW System institutions, based upon the following qualifying standards:

- Research, Scholarship, or Creative Activity Proposals: Proposals are sought from each UW System campus seeking to host UW System undergraduate students with water research awards.
- Collaborative Project Selection: Each campus is free to determine their own internal review process, provided that selected proposals: 1) clearly relate to Wisconsin's freshwater resource, 2) are of significant magnitude to engage an undergraduate fellow in a meaningful high impact experience for the duration of the award, and 3) are collaborative in nature, ideally to include at least one faculty member from a different UW System university.
- Undergraduate Water Research Student Selection: Eligible students must be enrolled as a degree-seeking student for the semester in which the fellowship applies at a UW System institution and hold a minimum of Sophomore standing. Undergraduate students should have credentials predictive of their successful completion of the research. Salary/stipends and related expenses (fringe) for students during the academic year are limited to \$5000 per semester. Summer awards, including salary/stipend and fringe, housing, and research expenses are limited to \$10,000. A minimum of 50% of the funds should be allocated for the student stipend. Stipend requirements vary by campus and could take the form of hourly pay, salary, or scholarship. Undergraduate summer water awardees are expected to fully engage in summer experiences and notify host and sponsor PI's of any planned summer absences in advance of the start of the summer experience. Undergraduate awardees participating during the academic year are permitted to receive independent study credit at their home institution while holding this award.



- **Presentation of Research.** Undergraduate award recipients are required to produce a coauthored poster, visual, or audio media product describing their research and contributions made by collaborating campuses. The proposal should clearly identify a proposed venue(s) for the presentation(s). Funds should be budgeted for student presentation of research either as direct costs or as matching support.
- **Requirements of Host and Recipient Institutions**: Each host and recipient institution must provide a sponsor and supervising PI to monitor student progress. Host and sponsor PI's are required to complete a pre-experience meeting to reviews project goals and student attributes, a mid-summer / mid-semester check-in, and complete a co-drafted one-page end of experience report. Host institution PI-s are expected to oversee the daily activities of REU, and collaborate with fellows on their final poster, visual, or audio media product. Host institutions assume fiscal responsibilities for funds associated with water fellows.
- ****COVID-19 restriction planning.** Description of contingency plans for dealing with possible ongoing COVID-19 restrictions and impacts.
- 20% cost share is encouraged.

Target dates for submission: All proposals are due November 1, 2021. Feel free to plan ahead and submit a proposal for summer 2022.

Proposals should not exceed 10 pages single spaced + budget.

Proposal format:

- 1. Cover page (see above)
- 2. One-page Executive Summary
- 3. Maximum 10-page single spaced Narrative addressing: proposed UG research project, relationship to Grand Challenges and Cross-cutting themes, potential for enhancing student success and experience gained, Presentation of research proposed format and venue
- 4. ****COVID-19 restriction planning**
- 5. List of references
- 6. Budget and Budget Justification maximum 2 pages. PI salary (including fringe) support is limited to \$1,000 for academic year awards, and \$2,000 for summer awards.
- 7. CVs of Principal Investigators (max 2 pages each), CV of student (if known)

- Is there a degree of scientific merit to the project?
- Is the proposal relevant to Grand Challenges and Wisconsin's water resources?
- Does the proposal promote Freshwater Collaborative of Wisconsin goals and cross-campus collaborations?
- Are the potential outcomes and impacts significant?
- Does the project enhance the educational experience for undergraduate students?
- Is the proposal well written and easily understood?
- Are the objectives clear?
- Does the proposal include all components required by the RFP?



Track 5: Inter-Institutional Undergraduate Training Programs:

NOTE: Proposals must relate to Grand Water Challenge #1: Agricultural Water Management or Grand Water Challenge #3: Water Quality Safety and Emerging Contaminants. Proposals must commit to having a pilot course or other training opportunity in place no later than Fall 2022. This is to target funds at remaining FCW and legislative priorities. An estimated \$167,000 will be distributed between Track 3 and Track 5.

The goal of this Track 5 is the implementation of unique cross campus training programs, e.g. student exchanges, summer institutes and courses, internships, etc. with a focus on hands-on training in the field or workforce environments.

Proposals are open to any innovative mechanisms, and there is no preconception of what constitutes a "Training Program". Unlike Track 3 which is for the development/design, Track 5 is for implementation of programs that are more "ready to go". Opportunities to participate should be open to any student within the UW System and thought should be given to facilitating such participation. Campuses should take advantage of their unique facilities and centers when designing these hands-on offerings. Funds may be used for supplies and equipment, travel, student support, marketing, etc. Anticipated tuition revenue (if applicable) should be estimated and a description of how it will be proportioned among collaborating institutions should be included. 20% cost share is encouraged.

Target date for submission: All proposals are due November 1, 2021.

Proposal format:

- 1. Cover page (see above)
- 2. One-page Executive Summary
- 3. Maximum 6-page single spaced Narrative describing the Inter-institutional Undergraduate Training program and the potential for enhancing and furthering the Freshwater Collaborative.
- 4. ****COVID-19 restriction planning**
- 5. Budget and Budget Justification maximum 2 pages.
- 6. CVs of Principal Investigators (max 2 pages each).

- Does the proposal advance FCW goals and objectives?
- Does the proposal create wider participation in the FCW?
- Does the proposal have broader impacts including at least one of: new training programs focused on undergrads, improves marketing and recruiting of students, enhances workforce development, increase partnerships, expands public engagement and water literacy, improved water security, safety, management, protection, and preservation and/or increased economic competitiveness of Wisconsin
- Is the project developed and designed and "ready to go?"
- Does the proposal include all components required by the RFP?
- Does the proposal include collaboration between at least two campuses?
- Is the budget adequate, justified and within stated limits? Is the expected revenue reasonable?



- Is the proposal well written and understandable?
- Do the personnel have adequate training, skills and knowledge?