

Water Institute Faculty Advisory Committee

Friday, March 22, 2013

11:30-1:30 Weil Hall 307

Attended: Mike Binford, Mark Clark, Matt Cohen, Kathryn, Frank Tom Frazer, Tracy Irani, Jon Martin, Martha Monroe, Katrina Schwartz, Wendy Graham, Kathleen McKee, Lisette Staal

Not Available: Mary Jane Angelo Mike Annable, Jim Jawitz, Karl Havens, Andrew Kane Jane Southworth

Meeting Summary:

1. Introductions and brief updates from FAC members

Martha Monroe has published an article as a result of the Springs PIF. Kathleen will follow up to get it into our project/pubs data base and get it on the web.

2. Director updates since last meeting (September, 2012)

- a. Jim Jawitz named as chair elect of FAC,
- b. meeting with FAC chairs (past chair, chair, chair elect) to discuss white papers, faculty fellows, external advisory/seminars,
- c. Frequency of meeting: agreed to change charter to have meetings once per semester, or else two times per year
- d. An NSF CZO proposal for \$5M was submitted Feb 2013
- e. Will be coordinating one or more NSF WSC proposal due in September.
Possible groups include:
 - The Tempisque faculty group (team with FCI?)
 - The Floridan Aquifer/Springs sustainability group
 - The WIGF 2013 Sea level Rise group
 - An ACF group – led by UGA. (Team with PIE?)
- f. Outreach/Extension - planned and executed Water Summit in partnership with IFAS/Extension in December 2012. Have proposed to coordinate a state/county faculty committee to develop a statewide template for water schools (decision makers, citizens, ag groups)
- g. Education - WIGF – 2011 (focused on nutrients) cohort finishing their second year. 2013 (focused on sea level change) will be in Fall 2013.

3. Water Institute Faculty Fellows – Voted to approve program. Made recommendations for edits

- a. Revise criteria to include information on development of interdisciplinary courses, extension programs and service projects
- b. Require fellow to be a member of WI and be nominated by a member of the WI. Require a joint letter of support from Chair and nominator.

4. WI Symposium (Feb 11-12, 2014) – Possible themes

- a. Possible Themes: Sustainable Water Resources in a Changing World; or Sustainable Water Resources: Science, Management and Planning for a Changing World; or Global Change and Water Resources.
- b. Change drivers: Population, Urbanization, Climate, Sea Level, Economics, Education, Values.
- c. Possible Speakers: Sandra Postel, Global Water Project; Steven P. Erie Professor of Political Science, UC San Diego. Author of *Beyond 'Chinatown': The Metropolitan Water District, Growth, and the Environment in Southern California*; James Gleick author of *FASTER The Acceleration of Just About Everything*; Someone from California or the Colorado River Basin to talk about water allocation; someone from NY City to talk about Climate adaptation; someone from the Great Lakes Region.

5. White Papers

Discussed results of meeting with FAC chairs (past chair, chair, chair elect):

- White papers should be forward looking, setting the stage for obtaining state funding for new research efforts the UF Water Institute Faculty have the expertise and interest to conduct
- White papers should be targeted to Florida Legislators, the Governor, Ag Commissioner, Secretary of DEP and/or Executive Directors of the WMDs, advocacy groups?
- White papers should raise visibility of Water Institute faculty expertise and capabilities.
- White papers should be authored by Water Institute faculty committees, chaired by a member of the Water Institute affiliated faculty, supported by the Water Institute Director and Staff, and undergo a peer review process
- Should be max 10 pages with 1 page executive summary.

Possible White Paper topics:

- Springs Research (research needed to develop and achieve sustainable spring flows, and DO and water quality characteristics that are protective of Spring ecosystems)
- Lake Okeechobee/Everglades: Legacy Phosphorous Issues and Solutions
- Improved science technologies, policies and management strategies to achieve TMDLs and NNCs in Florida (with possible focus on particular watersheds)
- New Science needed for Water Supply planning
- Toilet to Tap: Science and education needed for improved use of reclaimed water.

Issue: How to stimulate faculty interest in chairing white paper committees?

6. External Advisory Board: Discussed results of meeting with FAC chairs (past chair, chair, chair elect):

- Could reinstitute the External Council of Advisors strategy used during the first two years of the Water Institute. That is: the Distinguished Scholar Seminar Series should be used to invite nationally known academics to campus to give a seminar and meet with the WI FAC to review, and give advice on, the programs and priorities of the Water Institute. *Invite one or two a semester.*
- Could set up a periodic Water Institute Round Table where the Executive Directors of the WMDs, Director of Water Policy and FDACS and Director of Water Policy at FDEP are invited to UF for a ½ day meeting to meet with the WI FAC to brainstorm priorities for research, white papers etc. *Probably not the best time to start this now.*
- Could use the WI Symposium as a framework for an event to bring together Industries that are concerned with water , i.e. Coca Cola, Pepsi, Tropicana, Progress Energy, Nestle, Agricultural companies, Oil companies, Dupont, Intel etc. Use this to brainstorm priorities for research, public-private partnerships, funding mechanisms. *Did not discuss this in larger FAC meeting*
- Probably best not to mix these groups, and best not to institute a permanent standing External Advisory Board *Did not discuss this in larger FAC meeting.*

7. Distinguished Scholar Seminar Nominations

The following people have been nominated. Will send out an email for additional nominations in light of External Advisory Goals.

- Doug Parker, Director, California Institute for Water Resources and Strategic Initiative Leader for the Water Initiative. Doug used to work for the University of Maryland, and his degree is from UC-Davis. (http://ucanr.edu/sites/anrstaff/Administration/Associate_Vice_President_for_Academic_Programs_and_Strategic_Initiatives/California_Institute_For_Water_Resources/?facultyid=19563). A little more information about him can be found at: <http://blogs.library.ucr.edu/wrca/2011/06/07/parker-selected-as-cwrri-director/> (nominated by Tatiana Borisova)
- Gary Libecap, Professor of Corporate Environmental Management and Economics at UC-Santa Barbara. His research focuses on the role of property rights institutions in addressing the “Tragedy of the Commons.” Current research addresses the demarcation of land, water rights and water markets for water allocation and management, and use of rights-based arrangements in fisheries. <http://www2.bren.ucsb.edu/~glibecap/> (nominated by Sandy Berg)
- Rafael Bras, Provost and Professor of Civil and Environmental Engineering, Georgia Tech <http://www.ce.gatech.edu/people/faculty/2561/bio> (nominated by Rafa Munz-Carpena)
- Sandra Postel, Global Water Policy Project . <http://www.globalwaterpolicy.org/> (nominated by Katrina Schwartz)
- Marten Scheffer, Aquatic Ecology and Water Quality Management, Wageningen author of [‘Critical Transitions in Nature and Society’](#) (nominated by Rafa Munoz Carpena)