

## **Water Institute Faculty Advisory Committee**

Monday, June 9, 2014

11:30 AM – 1:00 PM, **365 Weil Hall**

Meeting Summary

Attended: Mike Binford, Mike Annable, Jim Jawitz (FAC Chair), Matt Cohen, Peter Frederick, Liz Screatton, Sandra Russo, Treavor Boyer, Wendy Graham, Lisette Staal.

**Not available:** Mark Clark, Kathryn Frank, Tom Frazer, -Tracy Irani, Andrew Kane, Katrina Schwartz (has left the university) Arnoldo Valle-Levinson.

### **Meeting Summary:**

Dr. Wendy Graham welcomed the FAC and recognized the members who were elected in the previous election (Treavor Boyer, Peter Frederick, Sandra Russo, Liz Screatton and Arnoldo Valle-Levinson (in abstentia), recognizing this was the first meeting since their election. FAC members introduced themselves.

- 1. WI Director Update and outlook** - Wendy then gave an update including recent activities in projects, proposals, programs and other activities. She mentioned the Symposium in February, 8 Distinguished scholar seminars and grants and proposals. A handout was provided with the updated information (see Appendix 1)
- 2. Water Institute Graduate Fellows Program (WIGF)**  
This program has admitted two cohorts to date with the first beginning its 4<sup>th</sup> year (Nutrient focus led by Mark Brown), and the second beginning its 2<sup>nd</sup>- year. There have been 3 submissions for the 2015 WIGF program. Action: FAC members will be asked to help in the review of the WIGF proposals (due September 15<sup>th</sup>).

The deans from supporting units initially supported the program for a 3 cohort period and so evaluation of the program needs to be provided to consider future interest in funding.

- 3. Water Institute Faculty Fellows Award** – This is the second round of Faculty Fellows, and two Fellows will be named. There are currently 4 nominations. Action: FAC members without conflict of interest will review the nominations. Nomination packets will be provided the week of June 16, 2014. Brief discussion

of what constituted “conflict of interest” determined that this is defined as “potential to gain” from the situation.

Discussion of Award/Celebration program for Faculty Fellows - FAC advised that following the precedent of the previous award program we should continue to plan in concert with the FCI. Effort should be made to get key administration participation similar to last year. Also can consider this as an opportunity to outreach to new faculty. In addition, the joint seminars should be continued. ACTION: Develop program and invite administration with FCI for Fellows Awards and arrange for joint seminars.

During this discussion, a FAC member asked about whether there had been any discussion of combining FCI/Water Institute. Wendy noted that this has been casually suggested to her on a occasion by a few individuals, but that the UF administration has not expressed a need for this and she sees no compelling reasons at the moment to move in that direction. A few FAC members voiced support for remaining the WI exclusively. No one argued differently. It was suggested that the Awards Ceremony noted above be an opportunity to highlight both institutes and share synergies and differences.

#### 4. WI Distinguished Scholar Seminar

Dr. Graham encouraged FAC members to nominate speakers for the series, and in particular related to program directions/activities supporting current Water Institute. She requested ideas for speakers and nominations for speakers.

- Jim Elser-, Arizona State University, president of ASLO – nominated/co-host Matt Cohen
- Someone from the Global Lakes Ecological Observing ~~Network~~(Network) (GLEON) – a grass roots effort. –Tim Krantz or Pat Serrano (Wisconsin.. recent Key note at ASLO meeting) – nominated/co-host- Mike Binford, supported by Matt Cohen.
- Shannon Estenoz, Director of Everglades Restoration Initiatives, DOI, nominated by Peter Frederick
- Hank Loescher, NEON Director of Strategic Projects
- Henry Gholz, NSF Program Officer
- Pre-Eminence Hires with Water Interests

## **5. How to broaden engagement of, outreach to, new Faculty**

Wendy noted that there are differently levels of engagement from those involved in proposals and interdisciplinary teams, to those who are connected because their work is somehow linked to water and the need to continue to reach out to new faculty. -FAC member asked about what was meant by increasing faculty engagement in the Water Institute. A FAC member noted that from his perspective the -strength of developing a core group lies in getting to know each other, trusting each other, and engaging with one another. This has been on-going and should continue.

Some FAC members' suggestions for outreach to NEW faculty included:

- Looking thorough the preeminence hires
- Help Chairs make the point of the existence of WI in their recruitment efforts
- Get to know pre-eminence hires throughout the University at Water Institute - offer seminar space for them.
- Invite faculty to Faculty Fellow Award Celebration

## **6. FAC Membership/Leadership -**

Noting that the WI had not had a full FAC meeting during the last year, Wendy suggested that the current FAC members' terms and officer positions be extended by 1 year. The FAC agreed-~~...~~ Matt Cohen was nominated to be Chair-Elect of the FAC by Jim Jawitz, seconded by Mike Binford and accepted by unanimous vote. Matt Cohen was named the Chair Elect.

APPENDIX 1:

**Water Institute Updates 2013-2014:**

- 1) Symposium Feb 2014: Sustainable Water Resources: Water Supply Planning in a Non-Stationary World. 330 attendees. Basically broke even (maybe \$500 in the black)
- 2) 8 Distinguished Scholar Seminars hosted/co-hosted (4 internal, 4 external)
- 3) Active Grant Projects 2013-2014
  - a. All Water Institute Faculty (236): \$134 Million
  - b. Active Water Institute Faculty (33) PIF, WIGF, WIFF, WI projects: \$27.8 Million
  - c. Water Institute Coordinated: \$2 Million (NSF Springs, NOAA Climate, Expert Assistance)
- 4) 11 interdisciplinary proposals submitted in 2013-2014 (total \$24 Million; \$10 Million Funded; \$3.5 Million pending)

Graham, Wendy D.	2/5/2013	The Santa Fe River Basin Critical Zone Observatory: Exploring linkages between geology, hydrology, ecosystems and humans in a carbonate terrain	\$4,999,523	Cohen, Matthew J. Martin, Jonathan B. Gulley, Jason Kramer, Marc	NSF	Not Funded
Martinez, Christopher J.	4/4/2013	The Utility of Indices of Drought for Water Management in the Southeastern USA: What Type and Scale are Most Relevant to End-Users?	\$199,853	Graham, Wendy D. Ingram, Keith Breuer, Norman Srivastava, Puneet	NOAA	Not Funded
Borisova, Tatiana	5/24/2013	A Pilot Program for improving BMAP success through County Cooperative Extension Agent training and evaluation	\$81,706	Shukla, Sanjay Reddy, K. Ramesh Clark, Mark W. McKee, Kathleen	FL DEP 319	Not Funded
Irani, Tracy	9/10/2013	WSC-Category 2 Collaborative-Resolving the Water Wars: Integrated Decision-Support Models to Manage Competing Water Uses in the ACF	\$1,005,274	Pine III, William E. Wright, David L.	National Science Foundation	Not Funded

Munoz-Carpena, Rafael	9/10/2013	WSC-Category 2- Collaborative Research. Engineering resilience in a complex water-subsidized basin: drivers, emergent properties and cascading decisions	\$3,229,104	Kiker, Gregory Southworth, Jane Huffaker, Ray Brown, Mark T.	National Science Foundation	Not Funded
Graham, Wendy D.	6/30/2013	Peer Review of the Santa Fe and Ichetucknee River MFL document	\$45,000	Cohen, Matthew Clark, Mark Frazer, Tom Martin, Jonathan	Suwannee River Water Management District	Funded
Cohen Matthew	7/18/2013	KWRF Denitrification Study	\$28,000	Graham, Wendy Henson, Wesley	Gainesville Regional Utilities	Funded
Dukes, Michael	8/1/2013	BMP Literature Review and Synthesis	\$20,000	Graham, Wendy D. McKee, Kathleen	FDACS	Funded
Reddy, K. Ramesh	11/13/2013	Springs Protection Initiative [SPI] - Collaborative Research Initiative on Sustainability and Protection of Springs [CRISPS]	\$3,000,000	Graham, Wendy D. Cohen, Matthew J. Jawitz, James Frazer T Kaplan D Kramer, M	St. Johns River Water Management District	Funded
Reddy, K. Ramesh	2/4/2014	University Environmental Services in support of the restoration Strategies Science Plan	Up to \$7,000,000 (task order)	Graham, Wendy D. and others	South Florida Water Management District	Funded
Munoz-Carpena, Rafael	11/19/2013	CNH: Fast and slow - Reconciling conflicting response times of human decisions and natural systems	\$1,464,606	Kiker, Gregory Murcia, Carolina Ballesteros, Andrea Brown, Mark T.	NSF-CNH	Pending
Cohen, Matthew J.	12/5/2013	Organic-Inorganic Carbon Dynamics and Dissolution Potential: Control of "Chemical" Stream Power in the Evolution of Carbonate Terrains	\$818,101	Graham, Wendy D. Martin, Jonathan B.	NSF	Pending

Martinez, Christopher J.	4/30/2014	Integrating NASA Earth Systems Data into Decision-Making Tools of Member Utilities of the Florida Water and Climate Alliance	\$1,748,987	Misra, Vasu Adams, Alison Asefa, Tirasew Morris, Kevin	NASA	Pending
Graham, Wendy D.	6/6/2014	Technical Review of Options to Move Water from Lake Okeechobee to the Everglades	\$250,000	Mary Jane Angelo Tom Frazer Peter Frederick Karl Havens Ramesh Reddy	Florida Senate	Pending
Graham, Wendy D	8/13/2014	Agricultural Water Security and Upper Florida Aquifer Sustainability: An Integrated Assessment of Economic and Environmental Benefits	\$5,000,000	Kaplan, David Adams, Damian Cohen, Matt, Monroe Martha et al	USDA	In process

- 5) Two WIGF cohorts currently underway:
  - a. 2011, Mark Brown Leader, Nutrient Focus, 6 students
  - b. 2013, Jon Martin Leader, Sea Level Rise Focus, 7 students
- 6) 3 submissions for Water Institute Graduate Fellows program:
  - a. Energy, society, And environment in the Amazon: understanding social-ecological transformation from dam development in the world's largest watershed: David Kaplan, Robert Walker, Cynthia Simmons, Sephanie Bohlman, Denis Valle, Kai Lorenzen
  - b. The Water-Food-Energy Nexus : Rafael Munoz-Carpena, Jane Southworth, Stephen Perz, Arnolodo Valle-Levinson, Peter Frederick, Tom Ankersen, Richard Hamann
  - c. Water, Disease and Distribution: Understanding hydrological dynamics and distribution and its role in disease within the Okavango Delta, Botswana: Jane Southworth, Rafael Munoz Carpena ,Gregory Kiker, Peter Waylen , Jason Blackburn, Ray Huffaker, Gregory Glass, Sadie Ryan.
- 7) 4 nominations of Water Institute Faculty Fellows program: Mark Clark, Michael Dukes, Jim Jawitz, Jon Martin
- 8) Working with UF-IFAS Extension to develop Watershed Stewards Academy within Extension Water Initiative; BMP Research Synthesis.
- 9) Currently advertising for a Communications and Outreach Coordinator.

