

# ST. PETERSBURG COLLEGE

## Minutes of Meeting

**DATE/TIME:** November 3, 2011, 1:00pm

**LOCATION:** SPC Seminole Campus, UP 216

**ATTENDEES:** Richard Clarke, Jeremy Hockenbury, Irvin Kety, James Kostka, Teresa Nixon (Chair), Dr. Jim Olliver, Michael Shrader, Roberta Starks, Julie Vogel, Dr. Nicholas Grimaudo, Ryan Beckman, Rick Gilbert, Kelli Stickrath, Steve Plice, and Diana Bandlow.

**DATE ISSUED:**

The following is a recap of the items discussed and agreed upon at the meeting regarding the Environmental Science Technology Advisory Committee at the Seminole Campus. This is a summary of the writer's interpretation of the meeting. Note: some of the agenda items are out of order due to the nature of the discussions. Unless advised in writing to the contrary, it is assumed that those in attendance are in agreement with the statements as set forth and work will proceed on this basis. If you have clarifications you wish to make, please contact Kelli Stickrath via e-mail at [stickrath.kelli@spcollege.edu](mailto:stickrath.kelli@spcollege.edu) or telephone at 727-394-6947. Thank you.

Item No.	Description or Comments	Action
1	<i>Introductions</i> Welcome by Kelli Stickrath and all attendees introduced themselves.	
2	<i>Approval of March Minutes-</i> There was one amendment to the March meeting minutes. Steve Plice and Diana Bandlow were added to the March meeting minutes attendees.	
3	<i>Old Business- March Meeting Requests-</i> Roberta Starks asked what the beach depth rod on the March meeting minutes #26 is used for. Kelli Stickrath stated an instructor on campus uses them for a beach profile activity at Honeymoon Island. Irvin Kety stated he also uses the beach depth rods for a student activity in Earth Science.	
4	<i>Environmental Science Technology updates-</i> the program at the beginning of this term has 71 declared students.	
5	Kelli Stickrath announced the spring term will have the first round of graduates.	
6	Kelli Stickrath commented how she hopes with the economy the graduates are able to find employment.	
7	Irvin Kety said he recently saw a great powerpoint on water and other job opportunities that he will provide to the Committee.	
8	Steve Plice asked if there is some type of information exchange of employer opportunities. Irvin stated that he gets a lot of questions from students. He tells them to get out there and talk to his contacts.	
9	Irvin also stated that he goes out and talks to consultants on what skills they are looking for which helps him build his courses.	
10	It was agreed that internships has the possibility to lead to permanent employment.	
11	<i>Natural Habitat Park-</i> The grant was awarded from the SWFWMD	

	for \$40,000 for restoration of the northern end of the Habitat Park.	
12	Kelli announced the Pinellas County Extension Green Home will be located on the Seminole Campus.	
13	Steve stated that the growth industry in Pinellas County will be retrofitting the 1 million older buildings and homes. He suggested the Green Home have retrofits for demonstration purposes. Rick Gilbert discussed the plans for the Green Home as he is on the committee for the Home. He commented to build a "Green" home would be an additional \$50,000 to the homeowner cost, but a new home could also have no utility bill.	
14	Rick plans on having solar features on the new Green Home.	
15	Dr. Olliver requested that Kelli contact Basil Moutsatsos for the Art in the Park video highlighting the recent event on the Seminole campus.	
16	Kelli announced the upcoming Envirothon event on Friday, February 17, 2012. James Kostka stated the regional Envirothon is a high school competition for both Pinellas and Hillsborough counties. The students will be tested on forestry, aquatics, soils, wildlife and low impact/ nonpoint source pollution.	
17	<i>AS Recruiter Ryan Beckman-</i> Ryan discussed recruitment efforts and asked for assistance to find the right venues to talk to students about SPC opportunities.	
18	Rick Gilbert asked about articulation with solar technologies and electrical work. Kelli discussed the articulation agreement with Lakewood High School and SPC. When students pass Lakewood four-year program and a 70% mastery comprehensive final exam, they will receive 3 credits for the EVS 1001 course.	
19	<i>Current curriculum and course development-</i> Dr. Grimaudo discussed the Environmental Science Technology program and the addition of five classes to the spring term. Urban Pollution, Solar Principles, Renewable Energies, Environmental Sampling and Analysis, and Hazardous Waste have now been developed and are being offered for the first time.	
20	Kelli announced the Environmental Science Technology course offering two-year plan is online and will email that plan to the Committee.	
21	<i>Program Curriculum Needs-</i> Kelli has the course outlines for the new courses listed in #19 and will email those outlines to the Committee for review.	
22	It was asked why there are so many face to face courses and why they are not offered online. Dr. Grimaudo said the courses have to go through an online review process with IT and it takes about 4-5 months. Irvin commented the courses have to go through a very specific process to follow the same format for student use.	
23	<i>Equipment and Program Curriculum needs-</i> Irvin stated an ISCO sampler for the Environmental Sampling and Analysis course would be utilized. Others agreed flow meters and real data streams are a good idea.	
24	Rick commented that Polk State College has a state of the art lab where the materials were all donated. Kelli will inquire if they have	

	an environmental program.	
25	Dr. Olliver suggested a webcam for the habitat park.	
26	Kelli asked the Committee if there are any student field activities that can be sent to her for the Environmental Science Technology degree courses. Roberta mentioned the South West Florida Water Management District has educational materials (grade 9-12) on their website that instructors may be able to incorporate into the curriculum. Kelli requested the Committee to email her any information regarding student field studies.	
27	<i>Internship/ Volunteer Spring Opportunities-</i> Irvin questioned the Committee if anyone knows of any intern paid positions. He would like the internship experience to last longer than 12-weeks. He also recommended the internship be out of Pinellas County so the intern gets travel experience.	
28	Richard asked if we have a Career Development Center and Dr. Grimaudo replied yes. He asked if the Environmental Science students can take a mandatory seminar on career preparedness.	
29	Diana said that the Florida Department of Environmental Protection would have possible spring internship in restoration or environmental outreach.	
30	It was suggested by Diana that a curriculum enhancement would be a basis overview of aquatic entomology. The Florida Association of Benthologists would like to work with students who can highlight their work at conferences.	
31	DEP would consider for hire with a 2-year degree and past experience. She stated that grant writing should be in the 2-year program. Irvin stated he had a grant writing workshop information he would send to Diana. It was agreed a great internship experience would be to train students in grant writing.	
32	James mentioned the Learn and Serve grants.	
33	Diana suggested adding the grant writing process to the Technical Writing course. All agreed. Kelli stated she would check into this.	
34	Steve commented that it would be helpful for students to understand bid requests for private industry, not-for-profits and scholarships.	
35	Julie commented that USF has a great grant website.	
36	<i>Employment opportunities-</i> Kelli requested for the Committee to send her information regarding environmental employment.	
37	Roberta offered for students to come out and see water quality monitoring field work through her office.	
38	<i>What can I do?</i> Kelli was approached by a student after an environmental class and he asked “What can I do”? Kelli asked the Committee for possible community projects. Jeremy suggested calling Kelli Levy about Lake Seminole projects. Others mentioned National Phenology Network and Lakewatch/ Streamwatch projects. Julie suggested having our students go out to elementary	

	schools to mentor/ tutor.	
39	Rick asked where students are currently interning and stated Pinellas County Solid Waste may have internships. Kelli replied City of Largo, City of Clearwater, City of St. Petersburg, Pinellas County Engineering and Environmental Services, Brooker Creek Preserve, Weedon Island Preserve and U.S. Army Corps of Engineers.	
40	<i>Other Business</i> - None at this time.	
41	<i>Next meeting date</i> - March 15, 2012 at 1pm	