Diagnostic Medical Sonography (DMS) Program
Advisory Committee Meeting Minutes
September 23, 2019

**Present:** Loretta Beorlegui, Heather Brabon, Eileen Chandler, Dr. Ray Choiniere, Dan Clancy, Barbara Hartman, Anthony Guccione, Christina Gordon, Dr. Harry Holdorf, Faith Noel, Tim Sears, Dr. Kristin Schroeder, Susan Sheehan, Lauren Woody

**Absent:** Dr. Thomas Clarke, Dr. Jeffrey Swalchick

**Welcome and Introductions** (Dr. Harry Holdorf)

**Junior Students Report** (Lauren Woody, Faith Noel)

Students appreciate the application pre-requisite of the 20-hours of volunteer/Internship. Students benefit from the mentoring program with senior students. Dan Clancy advised after opting for the 20-hour Internship, selected students start the semester with scanning capability on day one. Students recommended seniors or graduates attend applicant information sessions.

Lab workbooks sold through the bookstore were delayed due to a printing issue. Dr. Schroeder recommended when in Faculty Enlight, state specifically when you need them.

A suggestion was to offer pre-requisites in a free seminar or credit class on Physics and Instrumentation knowledge. Dean Beorlegui stated that will happen. Also, Math 1033 is no longer accepted. All AS degree programs must have Algebra or Statistics as a pre-requisite.

Discussion was held on marketing and showcasing our programs, including hanging banners and posting on the college marquee.

Dr. Holdorf asked for suggestions on what EFSC can offer Health First to recognize their clinical site value. Susan Sheehan suggested providing clinical instructors a 3-credit voucher. Dr. Choiniere suggested free CPR certification.

**Health Sciences Chair Report** (Dr. Harry Holdorf)

Our annual report is posted on the EFSC website and shows job placements were up (greater than 75%). Attrition is less than 20%. Please view the website and provide feedback on any needed changes to better market our programs.

Next fall we hope to add an Adult Cardiac ATC program (a five-semester 17 credit course). It will go to the Curriculum Development Committee (CDC) next week.
**Program Manager Report** (Dr. Harry Holdorf)

On Thursdays of the first two semesters, we have Simulation Day where students spend all day scanning each other. One student is assigned as program manager for the day. One or both of our Medical Directors come in and read the cases with the students.

**Medical Director Report** (Dr. Thomas Clarke and Dr. Jeffrey Swalchick) - No report today.

**Clinical Coordinator Report** (Dan Clancy)

We have a new phantom. Last year we requested an obstetrical phantom which melted. The manufacturer in China made it right. We have a breast phantom. The testicular phantom is pretty good. New clinical sites are Sebastian River. Indian River is pending.

We are looking into a new background check. Verify Students is with Trajectsys, an online clock-in program. We would be able to integrate with Trajectsys. It has a GPS feature, so we know where the students are. Verify costs $150. Castlebranch is $125. Discussion was held on issues with Castlebranch being user-friendly and the constant change over of support personnel. Dan Clancy will ask for a demonstration to compare options. It may be possible next year.

In the Vascular Sonography Advanced Technology Certificate (ATC) program that ran over the summer, students logged in 300-400 hours of vascular clinical experience, and Christina Gordon Provided them with Laboratory instruction. They did a 12-week turnaround and did well.

**Physics Instructor Report** (Heather Brabon)

They are 25% done. You can’t work without being registered in physics. A 4-hour per day summer course is being considered to introduce recently accepted students to the many points on the machines. Dr. Choiniere suggested creating a YouTube video. It would be a good lab assignment for juniors. All students are eligible to sit for the ARDMS Sonography Principals and Instrumentation (SPI) board exam after successfully completing two Ultrasound Physics and Instrumentation courses with a C or better.

**Health Sciences Advisor** (Anthony Guccione)

The program is popular, however the concept that it has limited access is an issue. A new Pharmacology and Pathophysiology class has been offered and is worth 2 points. Changes to the criteria are good. Before, students re-applying received 2 points automatically no matter how many points they had accumulated. Now, they legitimately get points as a viable candidate. Applicants with 30 points on a previous application will get 2 points.

**Clinical Affiliate Instructor Report** (Christina Gordon)

No issues. Surveys sent out are mostly positive. Students are very prepared and up to speed by the time they get to clinicals.

**Other Health Science Program Reports**

*Susan Sheehan* - Some students sign up for many programs, and we work well together in placing them in one or the other program.
**Tim Sears** - Dan Clancy and I work together on clinical coordination to integrate simulation (including physics) where we have patients needing surgery and x-rays. We should make up a scenario using the ER and get respiratory involved with nursing.

Nicole Dyess, Palm Bay computer science instructor, wanted NSA accreditation for their whole college for their program in digital forensics and cyber security. Lots of colleges have this accreditation. It is a multi-disciplinary approach to educating on cyber security awareness for students using electronic equipment at clinical sites. Respiratory therapy, surgery, and radiography equipment can be easily hacked into. Students use their cell phones and watch phones in the middle of clinical. Nicole would do a 2 to 2-1/2 hour lecture on a Monday morning, in lieu of a clinical, regarding social media and maintaining HIPAA.

**Community Member** (Eileen Chandler)

Ms. Chandler has lived in Melbourne for 49 years. The new health science building is amazing. She receives healthcare at Health First Gateway and likes that all labs are on site.

Dr. Holdorf asked for suggestions on any community service the college can recognize. It was noted that the DMS program has a Civic Pride Initiative Task force, that recognizes local individuals and or organizations that benefits the community.

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<th>Diagnostic Medical Sonography Advisory Committee Members</th>
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<tbody>
<tr>
<td>Loretta Beorlegui, EFSC Dean of Health Sciences</td>
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<tr>
<td>Heather Brabon, EFSC Ultrasound Physics Instructor</td>
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<td>Eileen Chandler, Community Member</td>
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Respectfully submitted,
Barbara Hartman