

**FOOTHILL COLLEGE
RADIOLOGIC TECHNOLOGY ADVISORY BOARD COMMITTEE
MEETING MINUTES
February 28, 2017**

Dr. Volney Van Dalsem	Medical Director, Radiologic Technology Program & Diagnostic Medical Sonography Program & Outpatient Imaging Services, Stanford Health Care
Moaty Fayek	Interim Vice President of Workforce Development
Steve Knight	Program Director, Diagnostic Medical Sonography Program
Rachelle Campbell	Program Director, Radiologic Technology Program
Jenene Key	Faculty / Clinical Coordinator, Radiologic Technology Program
Bonny Wheeler	Faculty / RSO, Radiologic Technology Program
Melissia Wu	Faculty / Radiologic Technology Program
Darlene DeBrito	Director, Imaging Services, Hazel Hawkins Memorial Hospital
Jim Baun	Public Member, Diagnostic Medical Sonography Program
Judi Contento	Clinical Instructor, Radiology, Stanford Health Care
Soraya Kilpatrick	Manager, Imaging Services, Palo Alto Med. Foundation, MV
Mark Porter	Clinical Instructor, Radiology, Regional Medical Center
Josh Schreckengost	Manager, Imaging Services, El Camino Hospital
Chester Lim	Clinical Instructor, Supervisor, UCSF Medical Center
Lyndia Byres	Chief Technologist, UCSF Medical Center
Rasha Shehadeh	1st Year Student Representative, Foothill College, RT Program
Scott Lavoie	2nd Year Student Representative, Foothill College, RT Program
Hillary Bliss	1st Year Student Representative, Foothill College, DMS Program
Stephanie Wells	2nd Year Student Representative, Foothill College, DMS Program
Cynthia Harrison	Deputy Sector Navigator/Director, Health Workforce Initiative, Bay Area Region Director Regional Testing Center for Nursing Assistant Testing

(Lunch served 11:00-11:30)

Rachelle Campbell, RT Program Director called the meeting to order at 11:15 am.

Welcome/Introductions

Rachelle welcomed and thanked everyone for attending the meeting.

RT Program Mission, Goals, Student Learning Outcomes

Rachelle outlined the program's mission, goals and campus/program leadership to the attendees. She reviewed the current mission statement / program goals and asked if there were any suggestions for revision. Suggestions from the group included adding new terminology such as intelligent work ethic, patient centered care and patient experience. The program will review the suggestions for revision.

Program Effectiveness Data

Rachelle reviewed the assessment tools and benchmarks being used for the RT program. The assessment tools are used throughout the year and include the following:

Program Assessment Tools

- **Employer Survey** - collection timeframe is 12 months post graduation to match accreditation requirements.
- **Graduate Survey** - collection timeframe is 12 months post graduation to match accreditation requirements.
- **Clinical Rotation Assessment** - filled out by current students at the end of each rotation.
- **Clinical Instructor Assessment** - filled out by current students at the end of each rotation.
- **Laboratory Assessment** - filled out quarterly by 1st year students.
- **Lecture Course Assessment** - administered by the instructor yearly.

2015 Employer Survey Results

The online surveys were sent out in June 2016, one year post graduation. 8 out of 9 responses were received and all reflected a good and/or excellent rating to the survey questions. No suggestions were documented on ways to improve the program.

2015 Graduate Surveys Results

The online surveys were sent out in June 2016, one year post graduation. 19 out of 21 graduates responded to the survey. 74% are working full time with 11% working per diem. 84 % are working in the hospital setting. The graduates felt the strengths of the program were clinical rotations, clinical instructors, image analysis and an organized well-rounded curriculum. Suggested improvement areas were OR education /experience and technical factors.

2016 Graduate Employment

FHC benchmark reads that 90% of graduates will be employed after 12-months. Based on an email survey performed by the faculty, 94% of the 2016 graduates are currently employed six-months post-graduation.

2016 ARRT Results

The Program has an ARRT Exam Pass Rate Benchmark of 90%. The national pass rate average for 2016 was 87.2%. The FHC Program had a 100% pass rate. 19 out of 19 students successfully passed the ARRT board exam on the first attempt. The RT Program's 5-year ARRT pass rate average is 99% on the first attempt.

Retention Rate

The Program's Retention Benchmark is 75% of students will complete the program. The class of 2016 had a retention rate of 83%. The program utilizes an imbedded tutor, a student from the second-year class, to allow students to seek academic assistance during evenings and weekends. The program also offers supplemental lab hours where students can work with RT faculty on areas such as positioning, technical factors, image analysis and anatomy identification. The RT Program's 5-year retention rate average is 87.6%.

Class of 2016	Class of 2017	Class of 2018
Applications – 299 Accepted – 24 Graduated– 19 Reasons for Attrition: <ul style="list-style-type: none">○ Clinical – 1○ Personal – 4○ Medical – 0	Applications – 343 Accepted – 22 Currently – 20 Reasons for Attrition: <ul style="list-style-type: none">○ Clinical – 1○ Personal – 1○ Medical - 0	Applications – 265 Accepted – 22 Currently – 21 Reasons for Attrition: <ul style="list-style-type: none">○ Clinical – 0○ Personal – 1○ Medical - 0

JRCERT Accreditation Site Visit Update

Rachelle reported on the JRCERT Accreditation Site Visit that took place November 12-13, 2015. Overall the site visitors were very impressed with the program, clinical sites and students. The final report was received in March 2016 and the RT program received the maximum approval of 8 years.

RHB Supervision Variance Request Granted

- Variance for Student Oversight – Last year, the RHB began enforcing that all Radiologic Technologists working with students in any capacity had to have two years of experience as a Radiologic Technologist (calculated from the date they first became licensed).
- Programs were able to submit letters requesting a variance from this portion of Title 17. The Foothill RT program was granted a variance allowing all staff technologists to directly and indirectly supervise students. Two years of experience is still required for all staff technologists that perform competencies.

Student Success

2017 ACERT Conference: On Jan. 25-27, the faculty, clinical instructors and students went to Las Vegas for the Association of Collegiate Educators in Radiologic Technology Annual Conference.

- Scott Lavoie place 2nd in the Student Bowl Competition.
- Several groups of second year students participated in the Scientific Display Competition this year. Foothill students had a great showing at the event and placed 1st in the Original Research Scientific Display and 2nd in the Informational Scientific Display category. Congratulations goes to the following students:
 - Vince Gozun, Melinda Hernadez and Justin Hua who placed 1st for their research display titled; “Clean Tech or Dirty Tech?” Their research focused on infection control of technologist scrubs.
 - Krista Rocha, Magda Rubio and Melissa Ibarra who placed 2nd for their informational display on Imaging in Paleo-Pathology.

Student Scholarship Recipients

- Rose Arbizu was the awarded the 2016 CSRT Anna B. Ames Clinical Excellence Grant.
- Jeanette Saldana was awarded the Kaider Scholarship President’s Award.

Program Improvements

- **OR / C-arm** - Rachelle gave a big thank you to Stanford Heath Care for donating a C-arm to the program. Rachelle shared that one primary area of concern on the Program’s Exit Survey has been the student’s lack of confidence in the OR working with the C-arm. The C-arm will be used to increase the student’s knowledge and skill when using the equipment. The equipment is currently being housed in Room 5210. Rachelle stated that the program is in need of a simulation room to house RT equipment for activities and education sessions.
- **Trajecsys** - Rachelle informed the group that the program is currently looking into adopting an online clinical management and tracking system for student record keeping. The cloud-based management system could be used for scheduling, time records, check-off list, competencies, evaluations and other forms. The program will be sponsoring the initial rollout, so that it would be free for the students during the beta testing phase. The rollout will begin this summer.
- **Anatomage Table** - Rachelle announced that the college is purchasing an educational anatomy table. The table is a combination of unique hardware and software for the educational community. The table resembles an operating table or hospital bed and the real patient contents perfectly illustrate the anatomical realism of a living human.

Clinical Rotation

During the 2016 advisory meeting, the Advisory Board was asked to consider a change in the number of rotations offered during the program. The recommendation was to maintain four rotations, but make the first rotation two quarters and the last rotation one quarter. This recommendation was taken to the June CI Meeting for further discussion. Ultimately, the Clinical Instructors felt that it was important for the graduating class to be seen at their very best, which statistically is during the second quarter of a rotation. A suggestion was made to lengthen the orientation course to build a stronger foundation during the first rotation. Rachelle opened the floor for feedback regarding increasing the RT50/53 Orientation course to 6-8 weeks. After several suggestions and comments, the group was in agreement that increasing the orientation experience would be a positive move for the program.

Drug Testing

Rachelle asked the group, "Due to the recent approval of recreational marijuana usage in California, do we need to make any changes to our contracts regarding drug testing?" The consensus of the advisory group was that no changes are needed at this time.

Interprofessional Education

The program currently participates in several courses / activities that increase awareness and interaction with different health professionals. Rachelle asked for input on what topics should be added to the curriculum to enhance the courses. Below are the comments collected from the discussion:

- Invite nursing to the class discussion.
- Listening to different professional terminology.
- Patient centered teamwork.
- Simulation activities that include other professionals.
- Patient experience perspective.
- Rotate to different areas at each clinical site.
- Social activities to increase group connections.
- Do site specific activities such as "a day in the life".
- Use technology such as LinkedIn.
- Invite different health professionals to image analysis sessions.

Regional Postgraduate CT Project

Rachelle reported that six different RT programs participate in regional discussions involving radiology. A point of discussion from the group is that no one program can take on the task of post-graduate education for the advanced modalities due to clinical placement. One idea from the RT director group is to offer an online CT course and have each program take ownership of 2/3 students to be placed clinically. She then distributed a survey regarding advanced modality priority to each facility.

Cynthia Harrison, Deputy Sector Navigator/Director, Health Workforce Initiative was invited to discuss the grant funded pilot training program to address the need. She asked the group, "How are technologists being trained in the advanced modalities?" Responses included:

- CT - Cross-trained.
- CT - Moved up from diagnostic.
- MRI - Hire experience from outside.

She then asked what modality areas are most needed. Responses included: CT, Interventional Radiology, and Mammography.

Health Care Market Trends / Affiliate News / Hiring Updates

- UCSF - Per diem position in diagnostic. Future positions available in (MR / Mammography / IR).
- SHC - New hospital will be opening in 2018. Growth in Redwood City location.
- HH - Position in Ultrasound. Position in RT/CT.
- RMC - RT / IR position.
- ECH – Opening in IR and per diem position.

Other

- The Radiologic Technology application process is going online, potentially in 2018.
- Starting in 2019, the RT program is going to require the course, Communication 2, Interpersonal Communication (5 units) as a prerequisite to the program.
- **Affiliate Informational Session:** The upcoming Spring Quarter Informational Session for second year students is scheduled for Wednesday, May 24, 2017 at the Foothill College campus. Two representatives from each affiliate are invited to give a short talk on what their facility has to offer to potential employees. Invitations and parking passes will be sent via email.

Diagnostic Medical Sonography Program

- Steve Knight, DMS Program Director, gave a presentation regarding the DMS program statistics for 2016. (Please see attached sheet for details).

Meeting Adjourned at 2:00 pm.

Minutes submitted by Jenene Key

Handouts:

Agenda

Survey Questions Regarding Advanced Modalities

Diagnostic Medical Sonography Report