

## Radiology Program Advisory Committee Fall 2022 Meeting

**Room:** Zoom Meeting    **Date of Meeting:** October 18, 2022    **Time of Meeting:** 7 pm

**Attendees:** Debra Beland, Ryan Tull, Jennifer Gemmill, Lindsey Soenksen, Tabitha Jones, Breanna Brintnell, Melissa Watson, Student rep – McKenzie Cameron

**Absent:** Christina Fontaine, Heidi Schmidt, Lisa Bohm, Tanya Kildal, Ryan Hager, Marilyn Johnson, Katelyn McFarland, Chelsy Tangen, Amy Swehla, Gina Larson, and Shelly Sorenson

<b>Topic</b>	<b>Responsible Party</b>	<b>Discussions/Outcomes</b>
<b>Call to Order</b>	President: Beland Time: 7 pm	Over zoom
<b>Last Meeting Minutes</b>		April 2022 approved via emails, no changes
<b>OLD BUSINESS:</b>		
<b>Application Process</b>	Beland	Application process update: Class of 2024 (current 1 <sup>st</sup> years) became a class of 15 due to a student drop the day prior to orientation start
<b>NEW BUSINESS:</b>		
<b>Program Effectiveness Data -Annual Update</b>	Beland	<p>Pass Rate/Scores Analysis of Class of 2022</p> <ul style="list-style-type: none"> <li>• 100% passed on the first attempt ----- 14/14</li> <li>• Compared scores with Class of 2021 and National 5 years (2017 – 2021)</li> <li>• Class of 2021 and 2022 both had high marks</li> <li>• Class of 2022 lowest categories (but still high) <ul style="list-style-type: none"> <li>○ 2. Radiation Physics and Radiobiology – 8.2 in 2021 to 7.7 in 2022</li> <li>○ 7. Thorax and Abdomen – 8.5 in 2021 to 8.0 in 2022 (Fluoro studies?)</li> </ul> </li> <li>• Class of 2022 highest categories: <ul style="list-style-type: none"> <li>○ 3. Radiation Protection – 8.7 (8.8 in 2021)</li> <li>○ 6. Head, Spine, and Pelvis – 8.5 (8.9 in 2021)</li> </ul> </li> </ul> <p>Consistent low physics category was discussed. Beland and Cameron described integration of the x-ray tube “play” and the x-ray circuit project that was incorporated</p>

		<p>starting this year. Cameron mentioned importance of utilizing hands-on projects such as this whenever possible. Active learning is supported through these hands-on interactions. Physics course to implement Rad Tech Boot Camp into next fall's physics course to support increase in knowledge and learning. Beland is going through the student senate approval process to do so.</p> <p>Beland also addressed the timing of the course being the 1<sup>st</sup> semester in the program. The importance of Physics related concepts is necessary in this early presentation of the topics, but the ARRT exam is not in close proximity to its learnings. Overall, the scaled score hanging right around 8.0 is still pretty good and a Northland assessment is aiming to stay about 7.8, so the physics category was just under that at 7.7 this past year.</p> <p>Employment Rates: 100% job placement or continuing education  Program Completion Rates:</p> <ul style="list-style-type: none"> <li>• 14/16 per college monitoring: 87% / per JRCERT monitoring: 93%  ---- 1 personal; 1 academic</li> <li>• 5 year rate is 92.4% ---- 73/79 utilizing JRCERT monitoring/reporting guidelines</li> </ul>
<b>Supervision Policy Review - Annually</b>	Beland	<p>Supervision policy reviewed with all Advisory Board members in attendance</p> <p>Beland shared plan to annually review with clinical staff and clinical preceptors, because acknowledgment of the program's supervision policies must be maintained by the program</p> <ul style="list-style-type: none"> <li>○ Every fall Beland will send Clinical Preceptors AND facility managers the supervision policy to distribute to all Clinical Staff that would supervise a student</li> <li>○ Distribution communications need to be shared with program faculty (e.g. cc on a department email)</li> <li>○ Acknowledgement of policy review with staff through either CPs or managers and /or Clinical Coordinator, Tull <ul style="list-style-type: none"> <li>▪ Watson mentioned use of "Read Receipt" for tracking acknowledgement of policy review – Beland will request this implementation with the Manager/CP email distribution</li> </ul> </li> <li>○ This process will start being shared shortly after the advisory meeting this year, but forth coming years the information will be shared beginning of each fall semester with timing of other supervision policy reviews</li> </ul>

<b>Mission Statement Review</b> – due every 3 years (Last one Oct 2019)	Beland	3-year Mission Statement Review: <ul style="list-style-type: none"> <li>• <b>Northland’s Mission Statement</b> – hasn’t changed since July 2019 <ul style="list-style-type: none"> <li>○ Northland is an innovative leader in higher education, preparing all learners with work and life skills that advance personal well-being and regional prosperity.</li> </ul> </li> <li>• <b>Program’s Current Mission Statement:</b> last changed October 2019 <ul style="list-style-type: none"> <li>○ Northland’s Radiologic Technology Program provides a valuable education through integrating excellence in didactic instruction and clinical experiences to produce competent entry-level Radiologic Technologists whose personal and professional attributes contribute to the health-care community and its patients.</li> <li>○ Does it align with Northland’s Mission Changes? – Advisory members in attendance believe it still aligns well</li> <li>○ No changes necessary currently</li> <li>○ Beland mentioned need to readdress if College (Northland’s) Mission Statement is updated with newer college president in place, this is a possibility</li> </ul> </li> </ul>
<b>Rad Tech Boot Camp/Clover Learning Platform</b>	Beland Tull	Students in the 2 <sup>nd</sup> year (Class of 2023) are utilizing RTBC for Imaging Evaluations and QC Course <ul style="list-style-type: none"> <li>• Students are enjoying the addition</li> <li>• Beland, the instructor for the course has also acknowledged its value</li> <li>• Beland recognizes missing topics and supplementation of texts is still valid</li> <li>• Beland looking to add RTBC to physics in Fall 2024 instead of changing textbook</li> <li>• Tull mentioned utilization in Procedures courses is being assessed but implementation looks supportive of coursework and students learning styles</li> <li>• Mentioned by some recent grads in attendance that their use of Correctec wasn’t valuable for increasing learning or supporting ARRT preparation</li> </ul>
<b>Northland Program 5 Year Review</b>	Beland	<ul style="list-style-type: none"> <li>• Our program is due for its 5-year review for Northland</li> <li>• Advisory Board addressed the section for the 5-year review submission <ul style="list-style-type: none"> <li>○ Program Strengths and Weakness <ul style="list-style-type: none"> <li>▪ W – Physics and Radiobiology comprehension is cited as a weakness of the program</li> </ul> </li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>▪ W - This current year demonstrated student retention issues, but in most recent history prior to current year cohort numbers, completion rates have been quite sustainable</li> <li>▪ S – 1<sup>st</sup> attempt pass rate for national ARRT Exam is a strength; 2020 – COVID is the exception with delayed testing opportunities</li> <li>▪ S – Student support with a Registry Prep course just prior to graduation</li> <li>▪ S – Digital lab for hands-on real world situations</li> <li>○ Recommendations for program’s current weaknesses and challenges <ul style="list-style-type: none"> <li>▪ Incorporation of Rad Tech Boot Camp into all courses</li> <li>▪ Allows for accessible review of topics</li> <li>▪ Allows for alternate learning styles</li> <li>▪ Continued support of students by faculty and clinical staff for growth opportunities throughout program</li> <li>▪ Recognition of student abilities at certain levels in the program</li> <li>▪ Advisement of seeking professional opportunities for career growth and interest, such as ASRT and NDSRT activities</li> </ul> </li> <li>○ Advisory involvement outside of the board <ul style="list-style-type: none"> <li>▪ Much of the advisory board supports the students at clinical site locations daily</li> <li>▪ Board members are involved in supporting local high schools health career courses and career expos</li> </ul> </li> <li>○ Advisory member review – broad and representative and its capability of providing quality advisement <ul style="list-style-type: none"> <li>▪ There is broad representation for program support</li> <li>▪ The board is composed of regional managers/supervisors, all the Clinical Preceptors at our clinical sites, Northland staff and faculty, and student representatives are invited to each meeting from each cohort</li> </ul> </li> </ul>
<b>Application Process</b>	Beland	<p>November 1 – Feb 1</p> <ul style="list-style-type: none"> <li>• Adjustments with the Composition requirements dropped <ul style="list-style-type: none"> <li>○ Selection points adjusted from 72 to 66</li> </ul> </li> <li>• Averages accepted with Comp as a requirement was 45-60 (current 1<sup>st</sup> years will be the last class with these numbers)</li> <li>• So, assuming 6 less points 39 – 54 range for quality cohort???</li> </ul>

<b>Clinical Updates</b>	Beland Tull	<p>Scheduling challenges with facilities #s also limited</p> <ul style="list-style-type: none"> <li>• Beland again mentioned, a hospital-based need instead of clinical site needs are crucial to expanding student opportunity</li> <li>• Tull reflected on challenges such as student placement of 16 per cohort, 14 would be easier, but certainly don't look to cut the program by 2 acceptances</li> <li>• Altru's My Clinical Experience has started the process to determine fit for the program. It would potentially add stress to the scheduling commitment already.</li> <li>• Watson and Tull addressed the need for equal and valid rotations for all the students</li> </ul>
<b>Additional Comments/Questions of Committee Members</b>		<ul style="list-style-type: none"> <li>▪ Soenksen and Jones addressed needs to reschedule students missed weekends and pm shifts</li> <li>▪ Tull tracks the equity of these shifts – some 2<sup>nd</sup> year students utilization of CTO over these missed days (outside of day schedules) need individual assessment as their required days could have been met already</li> <li>▪ It is important that CPs keep sharing these encounters</li> <li>▪ Weekly evaluation completion with students on weekends was also discussed</li> <li>▪ Beland and Tull both supported the process by explaining that a student could choose the tech they felt would best represent their week even if they were limited in time with them... for example: attended clinicals on Thursday and then over the weekend shift had different techs; the student could choose either a weekend tech or the Thursday tech to represent their evaluation criteria that week – it certainly adds to the challenge or best representation, but this is consistent with evals in the past</li> <li>▪ Watson offered her expertise and willingness to support student needs outside of the program, such as housing and gas money. She will be in touch with Beland to continue the discussion.</li> </ul>
<b>Next Meeting:</b>	TBD	Early March? Consensus to meet in person with a meal?
<b>Adjourn:</b>	President: Beland Time: 8pm	Thank you to those who were able to attend!