

CLINICAL SIMULATION CENTER STRATEGIC PLAN 2019 – 2024

MISSION:

The Program is committed to:

- Deliver a simulation environment that is safe and realistic.
- Integrate innovation and evidence based practice into simulation teaching strategies.
- Incorporate state-of the art technologies in clinical education.
- Promote interprofessional education.
- Provide active learning experiences that foster student reflection and self-discovery.
- Produce quality healthcare professionals with enhanced critical thinking abilities, communication and teamwork skills and clinical competence.

VISION:

The CSC aspires to be the premier, innovative and student-centered simulation program with a keen focus on teaching, research and interprofessional education preparing competent, compassionate, professional clinicians to meet the needs of the local and global community.

CORE VALUES:

- **Community:** Foster partnerships within and beyond our university community supporting healthcare simulation education for multiple SON, professional programs and healthcare organizations
- **Innovation:** Inspire and support outstanding innovative experiential learning opportunities that are diverse and inclusive
- **Critical thinking:** Engage and support students in the discovery and pursuit of clinical reasoning and problem solving competence
- **Excellence:** Use rigorous evidence-based methodologies and models of best practice to develop education strategies that instill patient safety practices and competency, inspiring professionalism and accountability
- **Interprofessionalism:** Promote interprofessional practice competency domains: Values/Ethics, Roles/Responsibilities, Interprofessional Communication and Teams/Teamwork

Goals:	Core Value:	Outcome/Target:	Time Frame	Alignment with WCHHS and Radford University 2018-2023 Plan:
<p>1. The CSC will maintain collaborative relationships with the community, region, state and nation through service and relationships with education institutions.</p>	<p>Community: Foster partnerships within and beyond our university community supporting healthcare simulation education for multiple SON, professional programs and healthcare organizations</p>	<ol style="list-style-type: none"> 1. At least 20% of faculty will serve on Virginia State Simulation Alliance (VASSA) committees or board 2. Provide consultation services to at least two educational institutions in need of simulation center development and/or training support. 3. 80% of simulation training requests from our regional partners are honored 4. 100% of faculty will maintain state, national or international simulation organization memberships and/or attend national/international conferences. 	<p>1.FY 2020</p> <p>2.FY 2023</p> <p>3.FY 2024</p> <p>4.FY 2020</p>	<p style="text-align: center;">WCHHS</p> <p>Goal 4: WCHHS will provide opportunities for faculty and students to demonstrate cooperation and professional interaction through interprofessional education, scholarly and service activities and high impact practices across health related disciplines.</p> <p style="text-align: center;">RU ACADEMIC EXCELLENCE & RESEARCH</p> <p>Goal 4: Key indicator: Create public and private partnerships through which faculty and students will engage in research, scholarship and creative activities.</p>

Goals:	Core Value:	Outcome/Target:	Time Frame	Alignment with WCHHS and Radford University 2018-2023 Plan:
<p>2. The CSC will provide a supportive environment for faculty, staff and students to achieve excellence by integrating innovative, evidence-based and active learning strategies into simulation activities</p>	<p>Excellence: Use rigorous evidence-based methodologies and models of best practice to develop education strategies that instill patient safety practices and competency, inspiring professionalism and accountability</p> <p>Critical thinking: Engage and support students in the discovery and pursuit of clinical reasoning and problem solving competence.</p> <p>Innovation: Inspire and support outstanding innovative experiential learning opportunities that are diverse and inclusive.</p>	<ol style="list-style-type: none"> 1. Maintain SSH accreditation in Teaching/Education 2. Add SSH Research Accreditation 3. 100% of full-time eligible simulation educators will maintain certification as a Certified Healthcare Simulation Education (CHSE). 4. 100% of eligible full-time Information Technology Specialist will maintain certification as a Certified Healthcare Simulation Operations Specialists (CHSOS) 5. Simulation cases will be reviewed and/or revised at least annually to ensure up-to-date protocols and evidenced-based practices are incorporated in educational activities 6. Secure funding for additional simulation faculty/staff: <ol style="list-style-type: none"> a. One information technology specialist b. At least one additional faculty 	<ol style="list-style-type: none"> 1. 12/2019 2. 12/2024 3. FY 2022 4. FY 2022 5. FY 2020 6. FY 2022 	<p style="text-align: center;">WCHHS</p> <p>Goal 2: WCHHS will provide a supportive environment to faculty, staff, and students while integrating innovative, evidence based and active teaching and learning strategies.</p> <p>Goal 3: WCHHS will incorporate the use of state-of-the-art technologies to ensure student development of professionalism, strong written and oral communication skills, critical thinking skills, and clinical reasoning skills through both didactic and clinical work.</p> <p style="text-align: center;">RU ACADEMIC EXCELLENCE & RESEARCH</p> <p>Goal 1: RU will be a leading institution of higher education in the Commonwealth of VA to produce students with a high level of applied learning capabilities for productive professional and personal lives.</p> <p>Strategy</p> <p>Goal 2: RU will garner recognition for signature academic programs in health sciences, healthcare & human services across the lifespan.</p>

		c. One standardized patient coordinator.		RU STUDENT SUCCESS Goal 1: Radford University RU will assist students in becoming more independent, self-confident & effective learners who disseminate knowledge, innovate & solve problems creatively.
Goals:	Core Value:	Outcome/Target:	Time Frame	Alignment with WCHHS and Radford University 2018-2023 Plan:
3. The CSC will provide opportunities for faculty and students to participate in interprofessional education (IPE) and scholarly activities.	Interprofessionalism: Promote interprofessional practice competency domains: Values/Ethics, Roles/Responsibilities, Interprofessional Communication and Teams/Teamwork.	1. Participate in annual WCHHS Interprofessional Symposium & Expo. 2. Expand IPE opportunities by 25%. <i>FY 2019 IPE #s</i> <i>Session/Students</i> <i>Cook = 5/34</i> <i>RHEC = 84/361</i> 3. Seek and incorporate at least one new profession in IPE simulation experiences. <i>Current professions included in IPE sessions: Nursing, PT, OT and Paramedic</i> 4. Complete at least 2 IPE research projects	1. FY 2023 2. FY 2022 3. FY 2022 4. FY 2023	WCHHS Goal 4: WCHHS will provide opportunities for faculty and students to demonstrate cooperation and professional interaction through interprofessional education, scholarly and service activities and high impact practices across health related disciplines. RU ACADEMIC EXCELLENCE & RESEARCH Goal 2: RU will garner recognition for signature academic programs in health sciences, healthcare & human services across the lifespan. Goal 4: RU will increase faculty & student-faculty collaborative research, scholarship & creative activities that are externally validated through peer review & supported by grants.

Goals:	Core Value:	Outcome/Target:	Time Frame	Alignment with WCHHS and Radford University 2018-2023 Plan:
<p>4. The CSC will strive to prepare a health care workforce that promotes patient quality and safety to foster growth of a more efficient and effective healthcare system.</p>	<p>Excellence: Use rigorous evidence-based methodologies and models of best practice to develop education strategies that instill patient safety practices and competency, inspiring professionalism and accountability.</p> <p>Innovation: Inspire and support outstanding innovative experiential learning opportunities that are diverse and inclusive</p>	<ol style="list-style-type: none"> 1. Incorporate QSEN competencies: Patient Centered Care, Teamwork & Collaboration and Safety into 100% of acute care simulation activities. 2. Incorporate TeamSTEPPS competencies: iSBAR, Hand-off, Huddle and CUS in 80% of simulation activities with greater than two students. 3. Incorporate medication calculation in 80% of acute care simulation activities. 4. Incorporate Joint Commission Hospital National Patient Safety Goals: correct patient identification, proper infection control practices and safe medication administration in 100% of acute care simulations. 5. Actively recruit a diverse standardized patient pool of employees in relation to ethnicity, race or culture improving diversity by 20%. 	<p>1. FY 2021</p> <p>2. FY 2022</p> <p>3. FY 2020</p> <p>4. FY 2022</p> <p>5. FY 2022</p>	<p>RU STUDENT SUCCESS</p> <p>Goal 1: Radford University RU will assist students in becoming more independent, self-confident & effective learners who disseminate knowledge, innovate & solve problems creatively.</p>