

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.	<ol style="list-style-type: none"> 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 	<ol style="list-style-type: none"> 1. FY 2023 2. FY 2022 3. FY 2022 4. FY 2023 	<p>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>RU ACADEMIC EXCELLENCE & RESEARCH</p> <p>Goal 2: RU will garner recognition for signature academic programs in health sciences, healthcare & human services across the lifespan.</p> <p>Goal 4: RU will increase faculty & student-faculty collaborative research, scholarship & creative activities that are externally validated through peer review & supported by grants.</p>

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>