Eligibility, Preparation, Tips and Tricks: Are you ready for certification?

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Shane Gravel, BA, NRP, CHSOS
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Disclosures

Dawn Swiderski
• Relevant financial relationships
  – Receives honoraria for Certified Healthcare Simulation Educator readiness review courses
• Relevant nonfinancial relationships
  – Society for Simulation in Healthcare Accreditation Reviewer

Tara Johnson
• Relevant nonfinancial relationships
  – SSH Simulation Operations and Technology Section
  – Certified Healthcare Simulation Operations Specialist Readiness Review Committee

Shane Gravel
• Relevant nonfinancial relationships
  – SSH Simulation Operations and Technology Section

Stacy Capel
• Nothing to disclose
Objectives

• Describe the three healthcare simulation certifications and their eligibility criteria.
• Discuss study and preparation strategies utilized by successful certification candidates.
• Participate in an open forum discussion on acquiring certification in healthcare simulation.
Professional Simulation Certifications

- Certified Healthcare Simulation Educator (CHSE)
- Certified Healthcare Simulation Educator-Advanced (CHSE-A)
- Certified Healthcare Simulation Operations Specialist (CHSOS)
Over 1,000 Certified Professionals from 26 Countries

• CHSE
  – 970 from 24 different countries (11/30/2016)
    • Australia, Canada, Chile, Egypt, England, Grenada, Ireland, Italy, Japan, Lebanon, Malaysia, Mexico, Netherlands, Norway, Oman, Qatar, Saudi Arabia, Singapore, Saint Maarten, South Africa, Thailand, Turkey, United Arab Emirates, and the United States

• CHSE-A
  – 19 CHSE-A from 3 countries
    • Australia, Canada, and the United States

• CHSOS
  – 122 individuals from 7 countries
    • Canada, Dubai, Israel, Qatar, Saudi Arabia, Saint Maarten, and the United States
ELIGIBILITY, PREPARATION, TIPS AND TRICKS: CHSE

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Eligibility
- In an educational role
- Bachelor’s degree or equivalent experience*
- Two years of continued simulation in healthcare education, research, or administration

Application
- References
- Exam (ISO-Quality Testing Centers)
- Cost
  - $395 for all SSH, ASPE, and INACSL Members.
  - $495 for non-members
## CHSE Exam Blueprint

<table>
<thead>
<tr>
<th>Domain</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Professional Values and Capabilities</td>
<td>4%</td>
</tr>
<tr>
<td>Demonstrate Knowledge of Simulation Principles, Practice, and Methodology</td>
<td>34%</td>
</tr>
<tr>
<td>Educate and Assess Learners Using Simulation</td>
<td>52%</td>
</tr>
<tr>
<td>Manage Overall Simulation Resources and Environments</td>
<td>6%</td>
</tr>
<tr>
<td>Engage in Scholarly Activities</td>
<td>4%</td>
</tr>
</tbody>
</table>
CHSE Tip #1

• Organize a study group
  – Simulationists outside your field & system, if possible
  – There is safety & accountability in numbers
  – Place this meeting on your calendar
CHSE Tip #2

- Use the SSH website
  - It is their exam
  - Access to blueprint, handbook & references
  - This is the core, when in doubt return to this source
CHSE Tip #3

• Know your standards
  – INACSL Standards of Best Practice
  – New healthcare simulation dictionary
CHSE Tip #4

• Enroll in a review class
  – If possible, schedule with your study group
  – Take your exam within 4 weeks of review completion
  – The review class should promote global thinking
CHSE Tip #5

- Know the testing process
  - Registration
  - Online practice exam- $75
  - Testing center entry documents
CHSE-A

- **Eligibility**
  - CHSE
  - In an educational role
  - Master’s degree or equivalent experience*
  - Five years of continued simulation in healthcare education, research, or administration

- **Portfolio based**
  - 30-40 hours
  - e-portfolio

- **Cost**
  - $150 SSH members
  - $250 non-members
Portfolio

• Section 1- Professional Information
• Section 2- Reflective Statements
• Section 3- Educational Activity
• Section 4- Media Submission
• Section 5- Additional Items (optional)
ELIGIBILITY, PREPARATION, TIPS AND TRICKS: CHSOS

Shane A. Gravel, BA, NRP, CHSOS
Tara Johnson, BA, EMT-B, CHSOS
CHSOS

• Eligibility
  – Bachelor’s degree or equivalent experience*
  – Two-years of experience in a healthcare simulation operations role
  – Focused simulation expertise on learners in undergraduate, graduate, allied health or healthcare practitioners

• Application
  – List of continuing education
  – References
  – Exam
  – Cost
    • $395 SSH Members
    • $495 non-members
Assess Time Needed vs. Time Allotted

• Once a candidate is approved to schedule and take the examination, they will have 90 days in which to take the examination.
CHSOS Preparation

- Needs assessment
  - Examination Blueprint
  - Take practice exam ($75)
# CHSOS Exam Blueprint

<table>
<thead>
<tr>
<th>Domain</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concepts in Healthcare and Simulation</td>
<td>19%</td>
</tr>
<tr>
<td>Simulation Modalities and Technologies</td>
<td>34%</td>
</tr>
<tr>
<td>Healthcare Simulation Program Practices/Processes/Procedures</td>
<td>17%</td>
</tr>
<tr>
<td>Professional Role Development</td>
<td>16%</td>
</tr>
<tr>
<td>Instructional Design and Theory</td>
<td>14%</td>
</tr>
</tbody>
</table>
CHSOS Preparation – Gather Resources

• Network with colleagues and simulation centers
• CHSOS Reference List
• Other resources
  – SSH SimConnect
  – SSH Simulation Dictionary
  – Healthy Simulation
  – SimGHOSTS
  – Books
    • Healthcare Simulation: A Guide for Operations Specialists
CHSOS – Tip # 1: Self-Awareness

SWOT Analysis

- Strengths
- Weaknesses
- Opportunities
- Threats
Strengths vs. Weaknesses

- Medical
- Computer Technology
- A/V
- Moulage
CHSOS – Trick # 1

Google Scholar

Articles (include patents)  Case law
DOMAIN II: SIMULATION MODALITIES AND TECHNOLOGIES (34%)
A. Functional Awareness and Capabilities
1. Knowledge of common operating systems and compatibility (e.g. Windows, Mac, and Linux)
2. Knowledge of computer networking terminology and hardware
3. Knowledge of web based applications and information systems
4. **Knowledge of computer security**
5. Understand the functionality of simulation equipment (e.g. manikins, AV equipment, and healthcare equipment)
6. Understand digital/print asset management (e.g. archiving, conversion, and distribution)
7. Functional knowledge of A/V equipment, software, and formats for recording, duplication, mixing, and editing
CHSOS – Tip # 2

Who likes FREE!?

- University of South Carolina
- Palmetto Health
- Novant Health

Carolinas HealthCare System
CHSOS – Trick # 2
CHSOS – Tip # 3

Palmetto Health

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Carolina HealthCare System

HPSN World 2017
Practice with a Purpose
CHSOS – Trick # 3
References

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• Visit the kiosks next to registration
  Or
• Complete online at http://www.caehealthcare.com/evaluation/