

## Continuing Education Questions

### FALL SUPPLEMENT 2011

1. Reasons for developing the MHS-CLS program included ALL BUT:
  - a. Need for entry-level practitioners with advanced skills
  - b. Percentage of students enrolling in the BS-CLS degree who already had a baccalaureate degree
  - c. Need for increase in tuition dollars
  - d. Need for practitioners who can perform evidence based practice
2. The conscientious, explicit, and judicious use of best evidence from CLS in making decisions about the care of individual patients is the definition of:
  - a. Evidence based practice
  - b. Evidence based medicine
  - c. Advanced competencies
  - d. Meta-analysis
3. Advanced competencies were added to each entry-level, NAACLS accredited course to:
  - a. help the student develop a capstone research project
  - b. prepare the student for advanced practice
  - c. increase the student's self-esteem
  - d. help the student's improve their writing skills
4. The capstone research project should be a/an
  - a. case study
  - b. literature review
  - c. basic science research project
  - d. evidence based research project
5. The hierarchical research model at the master's level identifies all of the following research analytic techniques EXCEPT:
  - a. Meta-analysis
  - b. Descriptive statistics
  - c. Inferential statistics
  - d. Test parameter analysis
6. Inculcation of enthusiasm is a key element in positive research outcomes and the earlier the undergraduate student is exposed to research, the better it is for the individual to become a:
  - a. medical laboratory scientist
  - b. physician
  - c. life-long learner
  - d. physicist
7. Assuming an individual is new at grant applications, the first thing to do on this journey is to:
  - a. start with a small pilot study which, if awarded, will give you funds to accumulate preliminary data and will initiate a peer-reviewed grantsmanship track record for you
  - b. start with an NIH RO1 grant to jumpstart your research credibility
  - c. talk with investors and program managers to get on a first-name basis with them
  - d. ask someone to write the grant for you while you watch what they do
8. Real expectations of the grant writer are:
  - a. to be able to write a fundable grant over a weekend
  - b. to write a grant that the reviewers will recognize as a first submission and decide to fund as a means of encouraging the grant writer in his/her research efforts
  - c. to write a grant as a "silo", that is, in a manner that is self-contained and independent of involvement with others, so as to impress the reviewers that you can do it all
  - d. to write a document that is highly focused, innovative and relevant

**FOCUS: BUILDING RESEARCH THROUGH MLS CURRICULA**

9. It is advisable to identify a research project that:
  - a. addresses an issue of great interest to the researcher
  - b. focuses on a problem of interest to funding agencies
  - c. is in alignment with the researcher's training and expertise
  - d. all of the above
  - e. none of the above
10. A research funding mechanism of NIH that focuses on career development of clinical doctorates with translational and patient-oriented research interests (e.g., the Doctorate in Clinical Laboratory Science) is:
  - a. RO1
  - a. K08
  - a. T32
  - a. U13

# Continuing Education Registration Form

To earn continuing education (PACE) credit, (1) complete the form below, (2) record your answers, and (3) mail a photocopy with a check or money order (\$18 for ASCLS members, \$28 for non-members) to:

American Society for Clinical Laboratory Science  
P.O. Box 15330, Wilmington DE 19886-5330

A certificate of completion will be awarded to participants who achieve a passing grade of 70% or better. Participants should allow eight weeks for notification of scores and receipt of certificates.

Alternately the Focus exam can be completed online. To register as a participant and receive a username and password to access the online quiz, go to the ASCLS Online Store at <http://www.ascls.org/publications/edconn.asp>; follow the links to the member or non-member store. Once in the store, click on the Online Quizzes category, and select the title of the FOCUS series to receive access to the correct quiz. Allow 1-2 business days to receive username, password and instructions.

**Focus: Building Research Through MLS Curricula** carries 1.5 hours of Basic level P.A.C.E. credit. This form can be submitted for credit for up to two years from the date of issue.

Print or type carefully.

(01) NAME \_\_\_\_\_  
Last First M.I.

ASCLS membership number \_\_\_\_\_ Licensure number \_\_\_\_\_

(02) ADDRESS \_\_\_\_\_

(03) CITY \_\_\_\_\_ (04) STATE/COUNTRY \_\_\_\_\_ (05) ZIP/POSTAL CODE \_\_\_\_\_

(06) DAYTIME PHONE ( \_\_\_\_\_ ) \_\_\_\_\_ (07) E-MAIL: \_\_\_\_\_

(08) CREDIT CARD # \_\_\_\_\_ TYPE (CIRCLE) AE MC VIS EXP. DATE \_\_\_\_\_

Check all that apply:

- Send my certificate of completion via email
- I would like to receive ASCLS membership information
- I would like information on other continuing education sources

## Participant Information

Please circle the most appropriate answers.

1. Is this program used to meet your CE requirements for:  
(a) state license (b) BOC (c) employment (d) other
2. Did these articles achieve their stated objectives?
3. How long did it take you to complete both the reading and the quiz? \_\_\_\_\_ minutes
4. What subjects would you like to see addressed in the future Focus articles?

## Answers

Circle correct answer.

1. a b c d
2. a b c d
3. a b c d
4. a b c d
5. a b c d
6. a b c d
7. a b c d
8. a b c d
9. a b c d
10. a b c d

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- \* **Quick Guide to Venipuncture – paperback**
- \* **Shipping Infectious and Biological Substances - CD/DVD; updated 2011**

## **2012 Annual Meeting Abstract Deadline**

The deadline for abstracts for oral or poster presentations of research or case studies at the 2012 ASCLS Annual Meeting is April 1, 2012. Submission instructions and the proposal form may be found at [www.ascls.org/?Annual\\_Meeting](http://www.ascls.org/?Annual_Meeting). The completed proposal form and abstract must be submitted electronically by the deadline.

The 2012 Annual Meeting will be held July 17-21 in Los Angeles, CA. Additional meeting information will be available at [www.ascls.org/?Annual\\_Meeting](http://www.ascls.org/?Annual_Meeting).



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**Preliminary Information**

**Registration By 1/13 After 1/13**

<b>ASCLS member</b>	<b>\$355</b>	<b>\$415</b>
<b>Nonmember</b>	<b>\$535</b>	<b>\$595</b>

**Hotel Costs**

**\$139/night - single/double**

**\$154/night - triple**

**\$169/night - quad;**

**plus tax & fees**

**Meeting brochure & online  
registration available in  
November 2011 at  
[www.ascls.org/?page=CLEC](http://www.ascls.org/?page=CLEC).**



**For NAACLS workshop  
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