CLINICAL LABORATORY SCIENCE

VOLUME 24/NUMBER 4 SUPPLEMENT

DIALOGUE AND DISCUSSION

4-2 The Future of the Profession *Elizabeth Kenimer Leibach*

CLINICAL PRACTICE

- **4-4** MLS Student Active Learning within a "Cloud" Technology Program *Patricia M. Tille, Heather Hall*
- 4-11 Capturing Professionalism In Pre-Service Education: Professionalism Tool Development and Implementation Barbara Russell, Mary Anne Owen, Elizabeth Leibach, Eric Meaders, Rebecca B. Stone, Barbara Kraj

RESEARCH AND REPORTS

- 4-21 The Utility of Essential Functions in Clinical Laboratory Science Programs Maria E. Delost, Teresa S. Nadder
- **4-31** Student Molecular Laboratory Performance Outcomes in a Baccalaureate CLS Program Barbara Kraj, Lester Pretlow, Barbara Russell
- **4-37** Grounded Theory in Medical Laboratory Science Expert Practice Development *Elizabeth Kenimer Leibach*

FOCUS: BUILDING RESEARCH THROUGH MLS CURRICULA

4-45	Introduction
	Elizabeth Kenimer Leibach
4-47	Evidence Based Practice and Advanced Competencies in a MHS-CLS Program
	Barbara Russell, Barbara Kraj, Lester Pretlow,, Anne Ranne, Elizabeth K. Leibach
4-54	Research in the Medical Laboratory Science Curriculum
	Rita M. Heuertz

4-61 CONTINUING EDUCATION QUESTIONS