



*Better health through
laboratory medicine.*

**ISCC In-Person Meeting
January 24th, 2017
Bethesda, MD**

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Vision

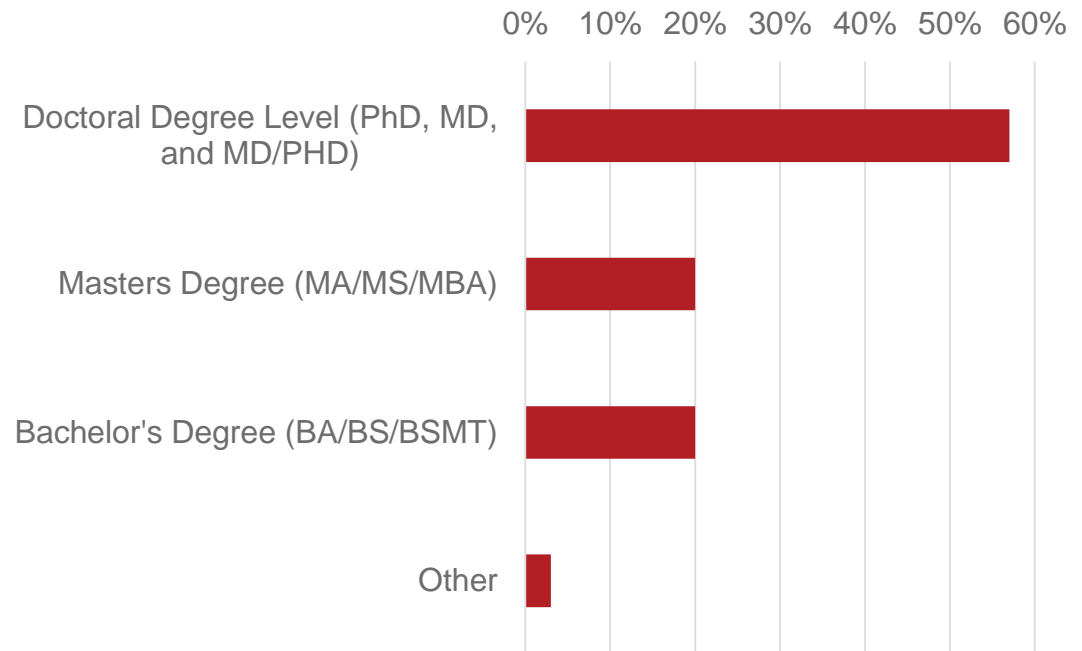
Better health and healthcare
through laboratory medicine

AACC provides global leadership
in advancing the practice and
profession of clinical laboratory
science and medicine

Mission

AACC members are global...

- 8000+ active members and over 60,000 customers
- Members in more than 100 countries; 29% of members are international
- Most of the members have advanced degrees in science
- 20 Scientific Divisions



AACC – Educational Programs

/// Annual Scientific Meeting & Clinical Lab Expo

/// Certificate Programs

- Fundamentals of Molecular Pathology
- Clinical Laboratory Leadership and Management
- Statistical Methods for Clinical Laboratorians Using Tandem Mass Spectrometry in the Clinical Laboratory

/// Webinars

- Cell-Free DNA-based Prenatal Screening in the General Pregnancy Population
- Unveiling the Future of Laboratory Medicine: A Series of High-Impact Talks from Lab Leaders on the Leading Edge
- Biomarkers for Chronic Kidney Disease

AACC – Educational Programs (Cont.)

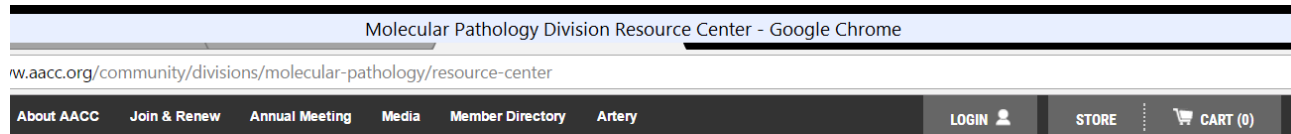
/// ACCENT®

- ACCENT credit developed by AACC, provided to laboratory professionals who need to document their continuing education for licensure or certification maintenance.

/// CME Education

- AACC is accredited by the Accreditation Council on Continuing Medical Education to provide continuing medical education for physicians. Physicians can claim credits from many AACC programs to fulfill their Part II (Life-Long Learning) Maintenance of Certification

Molecular Pathology Division Resource Center



Genomics

- [UniGene](#)

UniGene is an experimental system for automatically partitioning GenBank sequences into a non-redundant set of gene-oriented clusters.

- [Genome Gateway](#)

A comprehensive web resource devoted to genomics maintained by the Nature publishing Group.

- [Genomics Glossaries](#)

A very nice set of glossaries for Genomics, Pharmacogenomics, Proteomics, and Structural Biology. At the Cambridge Healthtech Institute (CHI) site. Use the buttons on the right of the frame to go to the Genomic Glossaries.

[Immunology Division](#)

[Clinical Translational
Science Division](#)

[Critical and Point-of-Care
Testing Division](#)

[Endocrinology Division](#)

[Hematology and
Coagulation Division](#)

[History of Clinical
Chemistry Division](#)

[Industry Division](#)

[Infectious Disease Division](#)

(Mismatch PCR Primer Design Tool) A program from Washington University to design mismatch PCR primers for the detection of SNP's by simple restriction enzyme digestion and electrophoresis. The web-based program is described by Neff, Turk, & Kalishman TIGS 18:613-15, 2002.

- [SSCP Analysis](#)

Access to new software, QUISCA, for the analysis of capillary array SSCP data (free for academic users!) from Professor Hayashi's laboratory. QUISCA is Quantitative Interpretation of SSCP in Capillary Array and is described in BioTechniques 33:1342-8, 2002.

- [Searching GenBank](#)

Search GenBank, dbEST (expressed sequence tag database) dbSTS (sequence tagged site database), or dbGSS (genome survey sequences database).

- [BioToolkit](#)

Jump station to Internet servers- 3 categories, Nucleic Acid Analysis, Genome Resources, and Protein Structural Imaging and Analysis.

- [BLAST](#)

Search the public databases for homology to any sequence using BLAST.

- [ExpAST](#)

Welcome to the



The *Clinical Chemistry* Trainee Council serves as a unique program for residents and fellows in laboratory medicine by providing them with free educational materials and interactive tools to help and guide them to a successful career.

BENEFITS OF REGISTRATION

QUESTION BANK

Clinical Chemistry Trainee Council Question Bank assists trainees in preparation for board examinations in both the United States and United Kingdom. The program is also useful to those wishing to assess their knowledge, progress, and competency.

PEARLS OF LABORATORY MEDICINE

10-15 minute presentations about a particular analyte, providing a wealth of information and key take-away points.

PODCASTS

Authors share their insight on recently published articles. Download and listen on the go!

CLINICAL CASE STUDIES

ALREADY REGISTERED?

LOGIN NOW ▶

LANGUAGE OPTIONS

Translations are available in:

- [français](#)
- [english](#)
- [español](#)
- [português](#)
- [中文](#)
- [日本語](#)
- [Türkçe](#)

<https://www.aacc.org/clinical-chemistry-trainee-council>



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CCTC Content

- Question Bank; 2,400 questions currently
- Pearls of Laboratory Medicine; 125 posted
- Podcast
- Clinical Case Studies
- Guide to Scientific Writing
- Journal Club
- Q&A
- Translated web site in Spanish, Chinese, Portuguese, Japanese, French, and Turkish

CCTC Goals

CCTC was launched in 2011 to support AACCC's strategic vision in:

- Support trainees and early career professionals through career enhancing initiatives and programs
- Share resources and become a value partner with medical professionals beyond the traditional lab medicine community
- Raise global awareness of the value of lab medicine

Fostering Community & Building Partnership

- Partner with other professional societies to develop guidelines, position statements, and education resources
- Partnership with TRIG program

