

Genetics Associates, Incorporated Special Analyst-Cytogenetics Training Program

The Special Analyst-Cytogenetics Training Program is a 52-week clinical year of documented didactic and practical laboratory training as required for approval by the Tennessee Board of Health, Medical Laboratory Board. Genetics Associates, Inc. will provide high quality training and professional preparation to qualified employees to prepare them to become competent cytogenetics technologists who can work both independently and as part of the GAI team to interpret, implement and trouble-shoot established cytogenetics procedures.

Training Program Objectives

The training program provides trainees with the opportunity to develop, demonstrate, apply, and evaluate scientific knowledge and competencies necessary to achieve skills through integration of the following program objectives:

- Demonstrate proper record keeping and quality control requirements of clinical cases
- Practice good laboratory techniques in the preparation of laboratory reagents to proper concentration and pH
- Practice quality control of equipment, reagents and chemicals
- Practice lab safety
- Understand the proper usage of the microscope and imaging equipment
- Perform microscopic analysis of chromosome preparations which includes chromosome enumeration, identification and grouping at the microscope
- Understand the requirements for case reporting
- 9. Exhibit personal and professional integrity

Admission requirements

Trainees must meet all applicable requirements detailed below.

- I. Applicant must be an employee in good standing of Genetics Associates.
- II. Degree requirements (trainee need only meet requirements of one of the three routes).
 - Documentation of degree should include a copy of a college transcript showing degree conferred:

ROUTE 1

A baccalaureate degree in the biological, chemical and/or medical sciences from an accredited college or university.

ROUTE 2

A baccalaureate degree in a non-biological, -chemical and/or -medical sciences major from an accredited college or university **and** completion of 36 semester hours of college course work in the biological, chemical and/or medical sciences (in addition to or as part of the baccalaureate degree).

ROUTE 3

A baccalaureate degree as in routes 1 or 2 **and** successful completion of a NAACLS-accredited program in clinical laboratory science (medical technology or equivalent).

III. Applicants with foreign degrees **must** have completed transcript evaluation from an agency accepted by the Tennessee State Department of Health. A list of approved foreign evaluation companies can be obtained from the Board's administrative office. A copy of this evaluation must be submitted with the application.

Medical Director: V.G. Dev, PhD
Program Director: Sophia D. Stewart, PhD
(615)327-4532