

## Annual Histology Career Day What in the World is Histotechnology?

The purpose of this outreach program is to interest high school students in the science of histotechnology. An exciting, worthwhile career path is available in either clinical (hospital) or research (university, pharmaceutical, etc.) settings for science oriented students. Several different educational routes are available. Requirements range from an Associate's Degree to a PhD depending upon the level the individual wants to achieve. Salaries range from \$33,000 – over \$75,000. The National Society for Histotechnology (NSH) is holding its Annual Symposium/Convention in Denver, CO October 26 – 31, 2007 for histology professionals and invites you and your students to attend our Annual Career Day. The program includes career information and opportunities for students to get hands-on experience with histology procedures and equipment. Each student will receive a goodie bag, educational materials, and self-prepared microscopic slides.

### Date/Time/Location:

Date: Monday, October 29, 2007

Location: Colorado Convention Center in downtown Denver

Two sessions will be offered. Each session will be limited to 40 students and their teachers.

Morning Session----- 8:30am – 11:30am  
Afternoon Session-----12:00pm – 3:00pm

### Costs:

**All costs of the program will be covered by the sponsors. Schools are responsible for providing transportation; however, NSH will work with you to cover the costs of parking at the Convention Center.**

### Educational Coordinators:

- **Lisa Benson**, PhD, Assistant Professor, Bioengineering, Clemson University
- **Linda Jenkins**, HT(ASCP), Career Day Coordinator
- **Stacey Langenburg**, HT(ASCP)QIHC  
Local Host Committee Career Day Coordinator

### Scheduled Activities:

**1. 30 minute Lecture – What in the World is Histotechnology?**  
Students will be introduced to the science of histotechnology and the general career paths available.

### 2. Visit the Histology Galaxy!

Students will visit different work stations, participating in histology procedures performed in labs everyday.

#### A. Nebula # 100

Embedding – Students will observe actual tissue dissection. The students will then embed a non-biological sample (e.g. a bead) as a take-home item.

Sectioning – Hands-on experience where students learn how to microtome (section) a piece of tissue containing a suture.

#### B. Black Hole # 101

Staining – Hands-on practice of applying staining techniques to a sectioned microscope slide. This staining identifies tissue structure which provides doctors the ability to render diagnosis.

#### C. Comet # 103

Microscopy – The students will complete the galactic experience by viewing their sectioned and stained slide under the microscope, and obtaining and printing a photograph of their completed work.

### 3. Expo Exploration

Students will go on a guided tour and scavenger hunt through the technical exposition at the conference. They will have the chance to speak with representatives from many medical companies, the Biological Stain Commission who certify all dyes used for staining, Educational Resources for NSH, and several of the board certifying agencies for histology professionals. They will get a first-hand view of what careers in science and technology look like.



### Signing Up

As a science teacher, we hope that you will encourage your students to attend this educational opportunity. We are limited in the number of students we can accommodate so we will accept reservations on a first come first serve basis. To sign up please fill out the form below and return it to the NSH Headquarters office via fax, 301-262-9188. If you have any questions about the program please feel free to contact Aubrey Wanner, NSH Meeting Manager at 301-262-6221 x18.

In an effort to introduce the science of histotechnology prior to your arrival we can provide you with bilingual (Spanish and English) career brochures targeting the high school science student. Please indicate how many you would like on the registration form.

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#### Sign Up Form

Please complete and return to  
Aubrey Wanner, NSH via fax, 301-262-9188  
or email your information to [aubrey@nsh.org](mailto:aubrey@nsh.org)

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Teacher's Name

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Teacher's email

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School

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Address 1

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Address 2

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City, State, Zip

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Phone

Fax

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# of student brochures requested

# of students attending



# What in the World is Histotechnology?

## A Career Day Program in the Histology Galaxy!

October 29, 2007  
Colorado Convention Center  
Denver, Colorado

Sponsored by:

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The National Society for Histotechnology

Center for Advanced Engineering Fibers and Films

Clemson University, Clemson, South Carolina