

# Molecular Surgical Pathology, Hematopathology and Cytopathology: No Longer Esoteric

Saturday, April 27, 2019

Featuring the Seventeenth Annual  
Walter R. Benson Lecture  
William K. Funkhouser, Jr., MD, PhD

Presented at  
The William and Ida Friday Center  
for Continuing Education  
Chapel Hill, NC

Presented by



UNC  
SCHOOL OF MEDICINE



# THE SYMPOSIUM

The Department of Pathology and Laboratory Medicine of The University of North Carolina at Chapel Hill and the Carolinas HealthCare System/Charlotte AHEC jointly present this symposium, *Molecular Surgical Pathology, Hematopathology and Cytopathology: No Longer Esoteric*, to practicing pathologists and pathology trainees.

The keynote speaker Dr. William K. Funkhouser, Jr., MD, PhD, from the University of North Carolina, who will present the 17<sup>th</sup> annual Walter R. Benson Lecture titled *Past-Present-Future Molecular Surgical Pathology*. Dr. Funkhouser is a nationally recognized pathologist and educator with particular interest and expertise in the application of molecular diagnostic methods in surgical pathology.

Additional topics covered by the speakers will include updates on current molecular testing that is becoming essential for surgical pathology, hematopathology and cytopathology diagnosis in academic, commercial, community practice and commercial laboratory settings. Ample time will be provided for discussion and personal interaction between the faculty and attendees.

Following the conference, all attendees are cordially invited to attend a dinner honoring William "Bill" Funkhouser, MD, PhD., who is retiring on June 30, 2019, after 23 years on the faculty, including 16 years as the Director of Surgical Pathology. The dinner will be held at The Carolina Inn, located at 211 Pittsboro Street. This will be an opportunity to meet new colleagues and renew long-standing relationships. If you will join us for the dinner, please make sure you note that on your registration form.



## CONFERENCE FACULTY

### COURSE DIRECTOR & SPEAKER

#### KAREN E. WECK, MD

DIRECTOR OF MOLECULAR GENETICS  
AND PHARMACOGENOMICS  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

### BENSON LECTURER

#### WILLIAM K. FUNKHOUSER, Jr., MD

VICE CHAIR FOR ACADEMIC AFFAIRS  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

### FACULTY

#### BEN C. CALHOUN, MD, PhD, MBA

DIRECTOR OF ANATOMIC  
PATHOLOGY, SURGICAL PATHOLOGY,  
AND BREAST PATHOLOGY  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
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#### LESLIE G. DODD, MD

DIRECTOR OF CYTOPATHOLOGY, AND  
DIRECTOR OF BONE AND SOFT  
TISSUE PATHOLOGY  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

#### JASON MERKER, MD, PhD

DIRECTOR OF MOLECULAR ONCOLOGY  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

#### J. CHARLES JENNETTE, MD

BRINKHOU DISTINGUISHED  
PROFESSOR AND CHAIR  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

#### PAUL GOOGE, MD

DIRECTOR OF DERMATOPATHOLOGY  
DEPARTMENT OF DERMATOLOGY  
UNC SCHOOL OF MEDICINE

#### NATE MONTGOMERY, MD, PhD

DIRECTOR OF MOLECULAR  
HEMATOPATHOLOGY  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

#### T. DANIELLE SAMULSKI, MD

ASSOCIATE DIRECTOR OF  
ENT, ENDOCRINE AND  
PULMONARY PATHOLOGY  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

#### LORI R. SCANGA, MD, PhD

DIRECTOR OF  
GYNECOLOGIC PATHOLOGY  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

#### DIMITRI (YURI) TREMBATH, MD, PhD

DIRECTOR OF NEUROPATHOLOGY, AND  
DIRECTOR OF MOLECULAR HISTOLOGY  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
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#### SARA WOBKER, MD, MPH

DIRECTOR OF UROLOGIC PATHOLOGY  
DEPARTMENT OF PATHOLOGY AND  
LABORATORY MEDICINE  
UNC SCHOOL OF MEDICINE

# GENERAL INFORMATION

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Jointly provided by the Department of Pathology and Laboratory Medicine of The University of North Carolina at Chapel Hill and Carolinas HealthCare System/Charlotte AHEC.

## ACCREDITATION STATEMENT

This activity has been planned and implemented in the accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Carolinas HealthCare System/Charlotte AHEC and the UNC Department of Pathology and Laboratory Medicine. The Carolinas HealthCare System/Charlotte AHEC is accredited by the ACCME to provide continuing medical education for physicians.

## CREDIT STATEMENT

The Carolinas HealthCare System/Charlotte AHEC designates this Live Activity for a maximum of **7.25 AMA PRA Category 1 Credit(s)<sup>™</sup>**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Charlotte Area Health Education Center (AHEC) designates this continuing education program as fulfilling the requirement for **.73** Continuing Education Units (CEUs), representing **7.25** Contact Hours.

## PROGRAM OBJECTIVES

The information presented at this educational activity should improve your ability to:

- Identify and improve the ordering and utilization of molecular testing
- Discuss the value of molecular testing in selecting specific therapies
- Discuss the value of molecular testing in predicting prognosis and response to therapy
- Develop a knowledge base to successfully attain maintenance of certification to perform up to date pathology and laboratory services for patients

## TARGET AUDIENCE

This educational activity is designed to benefit practicing pathologists engaged in private practice or academics, as well as pathologists in training.

## DISCLOSURE

The Carolinas HealthCare System/Charlotte AHEC adheres to the ACCME Standards regarding industry support of continuing medical education. Disclosure of faculty and commercial support relationships, if any, will be made know at the activity.



## LOCATION AND PARKING

The Friday Center is located at 100 Friday Center Drive, Chapel Hill, NC 27517, approximately 3 miles east of the UNC Campus, just off Highway 54 East. Detailed directions to the Friday Center can be found at <https://fridaycenter.unc.edu/map-and-directions/>. Plenty of complimentary parking is available, but be sure to park only in the designated Friday Center lot.

Although every effort is made to provide a comfortable temperature in the meeting room, it is difficult to find a temperature that is comfortable for everyone. Please bring a jacket, sweater or light wrap in the case the room is too cool for your comfort. Special dietary requirements will be honored whenever possible. If you need to inform us of a special need, please be sure to notify the Charlotte AHEC office no later than **April 22, 2019**.

## REGISTRATION

Registration fees include credit, course materials, continental breakfast, breaks, and lunch, in addition to dinner on Saturday evening. All registrants must complete the attached registration form. Registrations will not be processed unless accompanied by full payment (check or credit card). You may register online at [www.charlotteahec.org](http://www.charlotteahec.org) (program #57592), or by mailing your form along with your check (made payable to Charlotte AHEC). The registration fee is \$300 for practicing pathologists and \$150 for trainees. For questions regarding registration, please go to the Charlotte AHEC website at [www.charlotteahec.org](http://www.charlotteahec.org) or call Ms. Kiley Hendrickson at [kiley.hendrickson@atriumhealth.org](mailto:kiley.hendrickson@atriumhealth.org)

The deadline for registration is **April 22, 2019**.

Registration is often limited. When your registration is processed, you will be emailed a confirmation from Charlotte AHEC. If you have not received your confirmation by **April 22, 2019**, please call to check on your registration. UNC/Charlotte AHEC recommends that you do not make air travel arrangements prior to receiving a receipt of payment or confirmation, and UNC/Charlotte AHEC is not responsible for any travel-related costs.

## ACCOMODATIONS

Individuals are responsible for making their own hotel reservations. Below is a list of a few hotels. Please contact these hotels directly to make reservations. Further information on additional hotels and restaurants may be found at the Chapel Hill/Orange County Visitor's Bureau website [www.chocvb.org](http://www.chocvb.org)

The Carolina Inn	800-962-8519	Hampton Inn	919-969-6988
The Siena Hotel	919-929-4000	Hyatt Place	919-929-9511
Sheraton Chapel Hill	919-968-4900		

## REFUND INFORMATION

Participants who are registered for a live or online workshop and cancel between 2 weeks and up to 48 hours prior to the program will receive a 70% refund. If you cancel more than 2 weeks in advance of the workshop, there is a \$25 cancellation fee. No refunds will be given for individuals who cancel less than 48 hours prior to the program. Substitutes are welcome (please notify us in advance of the program). Cancellations MUST be made in writing (fax, mail or email).

# Agenda

## Molecular Surgical Pathology, Hematopathology and Cytopathology: No Longer Esoteric

SATURDAY, APRIL 27, 2019

8:00 am	<b>Welcome and CME Information</b> Karen Weck, MD, Director of Molecular Genetics and Pharmacogenomics	12:10 am	<b>Lunch and Exhibitors</b>
8:10 am	<b>Benson Lecture Introduction</b> J. Charles Jennette, MD, Brinkhous Distinguished Professor and Chair	1:15 pm	<b>Translations and Sarcoma: Something Old and Something New</b> Leslie G. Dodd, MD, Director of Cytopathology, and Director of Bone and Soft Tissue Pathology
8:15 am	<b>WALTER R. BENSON LECTURE</b> <b>Past-Present-Future Molecular Surgical Pathology</b> William K Funkhouser, Jr., MD, PhD, Vice Chair for Academic Affairs	1:55 pm	<b>Molecular Neuropathology: The New Standard</b> Dimitri (Yuri) Trembath, MD, PhD, Director of Neuropathology, and Director of Molecular Histology
9:15 am	<b>Molecular Genetic Testing for the Practicing Pathologist</b> Jason Merker, MD, PhD, Director of Molecular Oncology	2:35 pm	<b>Defective DNA Repair in Ovarian Cancer and New Therapies</b> Lori R. Scanga, MD, PhD, Director of Gynecologic Pathology
9:55 am	<b>Urologic Pathology and Molecular Diagnostics: A Need to Know Approach for Select Entities</b> Sara Wobker, MD, MPH, Director of Urologic Pathology	3:15 pm	<b>Break and Exhibitors</b>
10:35 am	<b>Break and Exhibitors</b>	3:30 pm	<b>Diagnosis of Human Hematolymphoid Malignancies in 2019: Multi-Modality Approach</b> Nate Montgomery, MD, PhD, Director of Molecular Hematopathology
10:50 am	<b>Molecular Applications in Thyroid Pathology: Refining Uncertainty in the Diagnosis and Management of Thyroid Nodules</b> T. Danielle Samulski, MD, Associate Director of ENT, Endocrine and Pulmonary Pathology	4:10 pm	<b>Molecular Analysis of Melanocytic Neoplasia: Practical Considerations for Patient Care</b> Paul Googe, MD, Director of Dermatopathology
11:30 am	<b>2018 ACSO/CAP Guidelines for HER2 Testing in Breast Cancer: The End of the Equivocal Era?</b> Ben C. Calhoun, MD, PhD, MBA, Director of Anatomic Pathology, Surgical Pathology, and Breast Pathology	4:50 pm	<b>Closing Remarks</b> J. Charles Jennette, MD, Brinkhous Distinguished Professor and Chair
		6:00 pm	<b>Dinner Honoring William K. Funkhouser Jr., MD, PhD, Vice Chair for Academic Affairs</b> <b>Carolina Inn</b>

PLEASE NOTE: The course syllabus will be provided on a USB drive. Hard copies will not be distributed. Charlotte AHEC will also email participants a link that offers online access to the course syllabus.

# REGISTRATION FORM

Molecular Surgical Pathology, Hematopathology and Cytopathology: No Longer Estoteric

April 27, 2019/ Friday Center

## PERSONAL INFORMATION

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ MI: \_\_\_\_\_

\_\_\_ Dr. \_\_\_ Mr. \_\_\_ Mrs. \_\_\_ Ms. Nickname: \_\_\_\_\_ Male \_\_\_ Female \_\_\_

Last 4 digit of SSN (required) \_\_\_ \_\_\_ \_\_\_ \_\_\_ Degree/License \_\_\_\_\_

Employer and Department: \_\_\_\_\_

Specialty: \_\_\_\_\_ Employer County: \_\_\_\_\_

Address (Street/PO Box, City, State, Zip): \_\_\_\_\_

\_\_\_\_\_ Home \_\_\_ Office \_\_\_

Phone: \_\_\_\_\_ Home \_\_\_ Office \_\_\_ Email: \_\_\_\_\_

Please check all that apply

\_\_\_ Resident/Fellow \_\_\_ MD \_\_\_ DO \_\_\_ PhD \_\_\_ Other (Please Explain) \_\_\_\_\_

Disclaimer: By providing email address and telephone number you have granted permission for us to contact you via the number and address indicated. Would you like your name removed from our mailing list: \_\_\_ yes \_\_\_ no

## REGISTRATION

Please complete a separate registration form for each person. Registrations **will not** be processed unless accompanied by full payment (check or credit card).

Registration may be made:

- Online at [www.charlotteahec.org](http://www.charlotteahec.org) (Program #57592)
- Mailing your form with a check or complete credit card information to:

CHARLOTTE AHEC REGISTRAR  
PO Box 32861  
Charlotte, NC 28232-2861

Please make check payable to: **CHARLOTTE AHEC**

UNC and Charlotte AHEC recommend that you do not make travel arrangements prior to receiving a receipt of payment or confirmation. UNC and Charlotte AHEC are not responsible for any travel-related costs.

## REGISTRATION FEES (please mark applicable fee)

\_\_\_ Practicing Pathologist - \$300 \_\_\_ Trainee - \$150

\_\_\_ Dinner Honoring William "Bill" Funkhouser. MD \_\_\_\_\_#attending

*Americans with Disabilities Act: The University of North Carolina at Chapel Hill and Charlotte AHEC is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees on the basis of race, color religion, sex, national origin, age, disability, veteran's status or sexual orientation. If you require reasonable accommodations for a disability in order to participate fully in this continuing education activity, please call 704-512-6577 no later than April 22, 2019, or attach a note to your registration form.*