



Johns Hopkins University School of Medicine
Office of Continuing Medical Education
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The Philip A. Tumulty
**TOPICS in
CLINICAL
MEDICINE**
at JOHNS HOPKINS
May 7-11, 2018

CloudCME

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Organization Code: HopkinsCME



DATED MATERIAL

NOW IN ITS 63rd YEAR!

The Philip A. Tumulty TOPICS in CLINICAL MEDICINE at JOHNS HOPKINS May 7-11, 2018

**Department of Medicine
Johns Hopkins University
School of Medicine
Baltimore, Maryland**

Course Directors:
Gail Berkenblit, MD, PhD
Daniel Brotman, MD
Kimberly Peairs, MD

"The talks are presented by individual expert faculty members, thus providing a rich breadth of scientific views and insights, standing ahead of other CME courses."

**This activity has been approved for
AMA PRA Category 1 Credits™.**



JOHNS HOPKINS
MEDICINE

DESCRIPTION

Topics in Clinical Medicine began 63 years ago with the late Dr. Philip Tumulty's belief that faculty should communicate not only its expertise in internal medicine, but also its collegiality and warmth. To maximize the intermingling between faculty and guests, Dr. Tumulty held the course at Hopkins (not a hotel), provided daily lunches with the faculty and conducted a variety of social events. The current course directors are Drs. Gail Berkenblit, Daniel Brotman, and Kimberly Peairs. In 2018, Topics remains a course dedicated to providing the best summaries of the advances in internal medicine without pharmaceutical support and extending the hospitality of Johns Hopkins' faculty.

WHO SHOULD ATTEND

This activity is intended for internal medicine, family practice, and hospitalist medicine physicians; physician assistants, nurse practitioners, nurses and other allied health professionals.

OBJECTIVES

After attending this activity, the participant will demonstrate the ability to:

- Provide updates in ambulatory and inpatient clinical medicine for the general internist.
- Outline updates and new approaches to giant cell arteritis.
- Discuss the opiate epidemic in the United States.
- Recognize the effect of neuromuscular diseases on the heart.
- Review evidence for periprocedural management of blood of thinners.

ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 37.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

OTHER CREDITS

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME.

This Live activity, 63rd Annual Philip A. Tumulty Topics in Clinical Medicine, with a beginning date of May 7, 2018, has been reviewed and is acceptable for up to 37.5 Prescribed credits by the **American Academy of Family Physicians**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Academy of Nurse Practitioners National Certification Program accepts *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME.

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME. Physician assistants may receive a maximum of 37.5 AAPA Category 1 CME credits for completing this program.

MOC STATEMENT

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 37.5 MOC points and patient safety MOC credit in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.



PAIN MEDICINE STATEMENT

This activity should cover topics that are required under the Maryland Board of Physicians pain management requirement.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the instructional materials.

GENERAL INFORMATION

REGISTRATION

Monday, May 7, 2018 – 8:15 a.m.

LOCATION

Thomas B. Turner Building
Johns Hopkins University School of Medicine
720 Rutland Avenue
Baltimore, Maryland 21205

The Turner Building is located on Rutland Avenue at Monument Street. Directions and campus parking information are available on our website under the Contact Us tab at <https://HopkinsCME.cloud-cme.com>. Handicapped parking is available in the nearby Rutland Garage. Complimentary round-trip transportation for attendees staying at conference headquarters hotel will be provided. *Johns Hopkins is smoke-free.*

FEES

Register Online: <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10920>

Methods of Payment: We require full payment prior to the start of the activity. On-site payments by credit card only. The registration fee includes instructional materials, continental breakfasts, refreshment breaks and lunches.

Physicians	\$900
Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals	\$750
*with verification of status	
Printed Syllabus	\$50

You will receive a confirmation by e-mail. If you have not received it by May 1, 2018, call (410) 502-9634 to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

LATE FEE AND REFUND POLICY

A \$50 late fee applies to registrations received after 5:00 p.m. ET on May 1, 2018. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by May 1, 2018. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

SYLLABUS

The syllabus will be accessible online and via your mobile device in the CloudCME App prior to the activity. This is included in the cost of your registration. A link to the syllabus will also be provided via email shortly before the activity begins if you prefer to study or print the syllabus. A printed copy may be ordered at the time of registration for an additional fee of \$50. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

SOCIAL EVENT

A complimentary reception for registrants and faculty will be held Tuesday, May 8, 2018 at the National Aquarium in Baltimore from 7:00 – 10:00 p.m. Please indicate your attendance on the registration form.

ACTIVITY DIRECTORS

Gail Berkenblit, MD, PhD
Daniel Brotman, MD
Kimberly Peairs, MD

JOHNS HOPKINS SPEAKERS

Newton Adkinson, Jr., MD
Marilyn Albert, PhD
Alexander Ambinder, MD, MPH
Sean Berenholtz, MD
Alexander Billioux, MD, PhD
Evan Braunstein, MD, PhD
Roy Brower, MD
Michael Brener, MD
Herbert Ballentine Carter, MD

Anna Chien, MD
Keira Cohen, MD
Sanjay Desai, MD
Nauder Faraday, MD
Derek Fine, MD
Thomas Finucane, MD
Elliot Fishman, MD
Khalil Ghanem, MD, PhD
Sherita Golden, MD, MHS
James Hamilton, MD
Nadia Hansel, MD, MPH
Helene Hedian, MD
Carrie Herzke, MD
Karen Horton, MD
Casey Humbyrd, MD

HOTEL INFORMATION

Homewood Suites by Hilton

625 South President Street
Baltimore, Maryland 21202

(800) 873-6668
(443) 392-9010
FAX: (443) 392-9020

Hotel Reservation Cut-Off Date: APRIL 15, 2018

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first-come, first-served basis.

Make your reservation online at www.baltimorehomewoodsuites.com and enter Group Code, **OCM**, or call the hotel directly and specify that you are attending the **63rd Annual Philip A. Tumulty Topics in Clinical Medicine** group to receive the special group rate of \$199 for studio king, plus tax. Complimentary roundtrip transportation will be provided. Check-in time is 3:00 p.m. Check-out time is 12:00 noon.

Residence Inn Baltimore

800 North Wolfe Street
Baltimore, Maryland 21205

(443) 524-8400

Hotel Reservation Cut-Off Date: APRIL 5, 2018

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first-come, first-served basis.

Make your reservation at www.marriott.com or call the hotel directly and specify that you are attending the **63rd Annual Philip A. Tumulty Topics in Clinical Medicine** group to receive the special group rate of \$179 for one bedroom king suite, plus tax. Check-in time is 4:00 p.m. Check-out time is 12:00 noon.

HOW TO OBTAIN CREDIT

Post activity, an online evaluation will be available to attendees to evaluate the activity and individual presentations and to identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for print.

The last day to access the evaluation and attest to your credits is June 25, 2018.

An outcome survey will be sent to all physician attendees within two months post activity to assist us in determining what impact this activity had on the learner's practice.

EMERGENCY CALLS

On **May 7-11, 2018**, direct emergency calls to the Hopkins registration desk, (410) 955-3673. Messages will be posted for participants.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof.

Please notify us if you have any special needs.

TO REGISTER or FOR FURTHER INFORMATION

Register Online <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10920>
Register by Phone (410) 502-9634
Register by Fax (866) 510-7088
Confirmations/Certificates/Transcripts (410) 502-9634
General Information (410) 955-2959
E-mail the Office of CME cmenet@jhmi.edu

Follow us on Twitter: www.twitter.com/HopkinsCME

Facebook: www.facebook.com/HopkinsCME

Check out our mobile app CloudCME.

Organization Code: *HopkinsCME*



For website and CloudCME mobile app technical difficulties, email: cmtechsupport@jhmi.edu
For general information, the direct link for this CME activity web page is:
<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10920>

Michael Keller, MD, MS
Paul Ladenson, MD
Noah Lechtzin, MD, MHS
Howard Levy, MD, PhD
Sandra Lin, MD
Rebecca Manno, MD
William May, MD
Blaithin McMahon, MBBCh, BAO, PhD
Christopher Mecoli, MD, MHS
Kelly Mills, MD
Kendall Moseley, MD
Timothy Niessen, MD, MPH
Ben Ho Park, MD, PhD
James Potash, MD, MPH
Gregory Prokopowicz, MD, MPH

Lee Riley, III, MD
Sarbjit Saini, MD
Dorry Segev, MD, PhD
Satish Shanbhag, MBBS, MPH
Vikesh Singh, MD, MSC
Linda Smith-Resar, MD
C. John Sperati, MD, MHS
Andrew Stolbach, MD, MPH
Mark Sulkowski, MD
Gordon Tomaselli, MD
Thomas Traill, MBBCh, MD
Glenn Treisman, MD, PhD
Marlene Williams, MD
Sandra Zaeh, MD, MS
Roy Ziegelstein, MD

63RD ANNUAL PHILIP A. TUMULTY TOPICS IN CLINICAL MEDICINE

MONDAY, MAY 7, 2018

8:15 – 8:45	Registration and Continental Breakfast at Turner Auditorium
8:45 – 8:50	Welcome and Conference Goals Gail Berkenblit, MD, PhD, Daniel Brotman, MD, and Kimberly Peairs, MD
8:50 – 9:20	GENETICS Update in Genetics Howard Levy, MD, PhD
9:20 – 9:50	ALLERGY AND IMMUNOLOGY Understanding Drug Allergy for Non-Allergists Newton Adkinson, Jr., MD
9:50 – 10:20	ORTHOPAEDICS Sports Foot and Ankle Injuries Casey Humbyrd, MD
10:20 – 10:50	PULMONARY Diagnosis and Management of Pulmonary Nontuberculous Mycobacteria Keira Cohen, MD
10:50 – 11:15	Refreshment Break
11:15 – 11:45	GASTROENTEROLOGY Management of Non-Alcoholic Fatty Liver Disease in 2018 James Hamilton, MD
11:45 – 12:15	RHEUMATOLOGY Use of Ordering Rheumatologic Labs Christopher Mecoli, MD, MHS
12:15 – 12:45	SURGERY Update in Kidney Transplantation for the General Internist Dorry Segev, MD, PhD
12:45 – 1:45	Lunch with the Professors
1:45 – 2:15	HEALTH POLICY CMS Innovation and Health Care Delivery System Reform Alexander Billieux, MD, PhD
2:15 – 2:45	INFECTIOUS DISEASES An Update on Sexually Transmitted Infections Khalil Ghanem, MD, PhD
2:45 – 3:15	NEUROLOGY Memory and Aging Marilyn Albert, PhD
3:15 – 3:45	GENERAL INTERNAL MEDICINE A Case from the Clinic Gail Berkenblit, MD, PhD
3:45 – 4:00	Refreshment Break
4:00 – 5:00	Meet the Professor Sessions

TUESDAY, MAY 8, 2018

8:00 – 8:30	Continental Breakfast at Turner Auditorium
8:30 – 9:30	Meet the Professor Sessions
9:30 – 9:45	Refreshment Break
9:45 – 10:15	GENERAL INTERNAL MEDICINE No Blushing! Collecting an Inclusive Sexual History Helene Hedian, MD
10:15 – 10:45	ANESTHESIOLOGY AND CRITICAL CARE MEDICINE Periprocedural Management of Blood Thinners Nauder Faraday, MD

10:45 – 11:15	HEMATOLOGY Iron Deficiency and Anemia Satish Shanbhag, MBBS, MPH
11:15 – 11:30	Refreshment Break
11:30 – 12:00	EMERGENCY MEDICINE The Fentanyl Epidemic Andrew Stolbach, MD, MPH
12:00 – 12:30	ANESTHESIOLOGY AND CRITICAL CARE MEDICINE Evidence-Based Preoperative Lab Testing Sean Berenholtz, MD
12:30 – 1:00	CARDIOLOGY A Case from the Clinic Thomas Traill, MBBCh, MD
1:00 – 2:00	Lunch with the Professors
2:00 – 2:30	GENERAL INTERNAL MEDICINE New Blood Pressure Goals and How to Reach Them Gregory Prokopowicz, MD, MPH
2:30 – 3:00	NEPHROLOGY Gadolinium-Induced Systemic Sclerosis (NFD) Derek Fine, MD
3:00 – 3:15	Refreshment Break
3:15 – 3:45	ENDOCRINOLOGY Thyroid Function Test Challenges Paul Ladenson, MD
3:45 – 4:15	HEMATOLOGY Bloodless Medicine for the Patient Who Won't Accept Transfusions Linda Smith-Resar, MD
4:15 – 4:45	HOSPITALIST MEDICINE A Case from the Hospital Daniel Brotman, MD
7:00 – 10:00	COURSE RECEPTION: National Aquarium in Baltimore

WEDNESDAY, MAY 9, 2018

8:00 – 8:30	Continental Breakfast at Turner Auditorium
8:30 – 9:30	Meet the Professor Sessions
9:30 – 9:45	Refreshment Break
9:45 – 10:15	RHEUMATOLOGY Updates in Giant Cell Arteritis Rebecca Manno, MD
10:15 – 10:45	INFECTIOUS DISEASES Update in HCV Treatment Mark Sulkowski, MD
10:45 – 11:15	ENDOCRINOLOGY What's New in the Treatment of Type 2 Diabetes Sherita Golden, MD, MHS
11:15 – 11:30	Refreshment Break
11:30 – 12:00	OPHTHALMOLOGY Zika Virus in Individuals and Populations William May, MD
12:00 – 12:30	GASTROENTEROLOGY Updates in the Evaluation and Management of Acute Pancreatitis Vikesh Singh, MD, MSc

2018 PROGRAM

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity. The schedule is subject to change.

- 12:30 – 1:00 **PULMONARY**
ECMO for the Acute Respiratory Distress Syndrome?
Roy Brower, MD
- 1:00 – 2:00 **Lunch with the Professors**
- 2:00 – 2:30 **GERIATRIC MEDICINE**
Sickness-Related Anorexia and Nutrition Support
Thomas Finucane, MD
- 2:30 – 3:00 **DERMATOLOGY**
Photoaging: Pathogenesis and Management
Anna Chien, MD
- 3:00 – 3:30 **CARDIOLOGY**
Curbside Consultation: Cardiology
Roy Ziegelstein, MD
- 3:30 – 3:45 Refreshment Break
- 3:45 – 4:15 **NEPHROLOGY**
Changing Paradigms in Acute Kidney Injury
Blaithin McMahon, MBBCh, BAO, PhD
- 4:15 – 4:45 **GENERAL INTERNAL MEDICINE**
A Case from the Clinic
Kimberly Peairs, MD

THURSDAY, MAY 10, 2018

- 8:00 – 8:30 Continental Breakfast at Turner Auditorium
- 8:30 – 9:30 **Meet the Professor Sessions**
- 9:30 – 9:45 Refreshment Break
- 9:45 – 10:15 **ALLERGY AND IMMUNOLOGY**
New Therapies in Urticaria/Angioedema
Sarbjit Saini, MD
- 10:15 – 10:45 **RHEUMATOLOGY**
Neuromodulation: Updates and New Approaches
Kelly Mills, MD
- 10:45 – 11:15 **HEMATOLOGY**
Clonal Hematopoiesis, CHIP, ICU and MDS
Evan Braunstein, MD, PhD
- 11:15 – 11:30 Refreshment Break
- 11:30 – 12:00 **HOSPITALIST**
Things We Do For No Reason
Carrie Herzke, MD
- 12:00 – 12:30 **ONCOLOGY**
Circulating Tumor DNA to Guide Therapies for Early Stage Breast Cancer
Ben Ho Park, MD, PhD
- 12:30 – 1:00 **PULMONARY**
Management of COPD in 2018
Nadia Hansel, MD, MPH
- 1:00 – 2:00 **Lunch with the Professors**
- 2:00 – 2:30 **CARDIOLOGY**
Neuromuscular Diseases: What the Internist Needs to Know
Gordon Tomaselli, MD
- 2:30 – 3:00 **OTOLARYNGOLOGY-HEAD AND NECK SURGERY**
Allergic Rhinitis - Guidelines for Treatment
Sandra Lin, MD
- 3:00 – 3:15 Refreshment Break
- 3:15 – 3:45 **PULMONARY**
Long Term Use of Noninvasive Ventilation
Noah Lechtzin, MD, MHS

- 3:45 – 4:15 **HOSPITALIST**
Images from Meyer 8
Timothy Niessen, MD, MPH
- 4:15 – 4:45 **ENDOCRINOLOGY**
Osteoporosis: Boning up on the Basics
Kendall Moseley, MD

FRIDAY, MAY 11, 2018

- 7:30 – 8:00 Continental Breakfast at Turner Auditorium
- 8:00 – 9:00 **GRAND ROUNDS**
- 9:00 – 9:15 Refreshment Break
- 9:15 – 9:45 **RADIOLOGY**
New Directions in 3D Medical Imaging
Elliot Fishman, MD
- 9:45 – 10:15 **PSYCHIATRY**
The Opiate Epidemic in the U.S.
Glenn Treisman, MD, PhD
- 10:15 – 10:30 Refreshment Break
- 10:30 – 11:00 **RADIOLOGY**
Deep Learning (Artificial Intelligence) in Radiology
Karen Horton, MD
- 11:00 – 11:30 **CARDIOLOGY**
An Update in Antiplatelet Agents
Marlene Williams, MD
- 11:30 – 12:00 **UROLOGY**
Prostate Cancer Update 2018
Herbert Ballentine Carter, MD
- 12:00 – 1:00 Lunch
- 1:00 – 1:30 **NEPHROLOGY**
Atypical Hemolytic Uremic Syndrome (aHUS)
C. John Sperati, MD, MHS
- 1:30 – 2:00 **ORTHOPAEDIC SURGERY**
Distinguishing Between Hip vs. Back or Shoulder vs. Neck As Source of Symptoms
Lee Riley, III, MD
- 2:00 – 2:30 **PSYCHIATRY**
Pharmacogenomics in Psychiatry
James Potash, MD, MPH
- 2:30 – 2:45 Refreshment Break
- 2:45 – 3:00 **OSLER'S GREATEST HITS**
Introduction: Sanjay Desai, MD
- 3:00 – 3:15 Alexander Ambinder, MD, MPH
- 3:15 – 3:30 Michael Brenner, MD
- 3:30 – 3:45 Michael Keller, MD, MS
- 3:45 – 4:00 Sandra Zaeh, MD, MS
- 4:00 – 4:45 **Question and Answer Session**
- 4:45 Adjourn
- You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.
- The registration desk will remain open during conference hours.

"The Tumulty Topics is the best CME course I ever attend." — Dr. Roger Merrill

"The Meet the Professor Sessions are great minds, approachable professors, and a collegial atmosphere, allowing you to improve your clinical skills and critical thinking beyond your computer's reach."

"It reminds me why I went into Internal Medicine."

REGISTRATION FORM

Course Number 80043979/10920

63rd Annual Philip A. Tumulty Topics in Clinical Medicine

May 7 – 11, 2018

To Register: **Online:** <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10920>
By fax: (866) 510-7088 By phone: (410) 502-9634

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, 720 Rutland Avenue, Turner Room 20, Baltimore, Maryland 21205-2195. Include e-check or credit card information below.

FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.

☐ I am a Johns Hopkins speaker for this activity.
Please type or print clearly:

last name		first name		m.i.	
highest degree	primary specialty			Hopkins Faculty/Staff Only – JHED ID:	
For Physicians Only: NPI #		State License #		State of License	
ABIM #		Birth Month		Birth Day	
<input type="checkbox"/> I provide permission for my MOC completion information to be shared and transmitted to the Accreditation Council for Continuing Medical Education (ACCME).					
organization		mailing address			
city		state	ZIP + 4 code	country	
daytime telephone			fax number		
e-mail (required)					

- ☐ Check here if you wish to receive e-mail notices about upcoming CME activities.
- ☐ I plan to attend the Social Event at the National Aquarium in Baltimore.
- ☐ I plan to bring one guest to the social event.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

Registration Fees:

- ☐ Physicians..... \$900
- ☐ Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals \$750
- ☐ Printed Syllabus..... \$50
- *with verification of status*

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on May 1, 2018, include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount \$ _____.

Payment Type:

JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please upload your fully completed and approved form in the payment section of the online activity link above.

- ☐ TR Form: <http://benefits.jhu.edu/documents/trffacandstaff.pdf>
- ☐ ION Form: <http://hopkinscme.edu/migration/IonRequest.pdf>

☐ **e-Check:** Routing #: _____ Account #: _____

☐ **Credit Card:** ☐ VISA ☐ MASTERCARD ☐ DISCOVER ☐ AMEX

Card # _____ - _____ - _____ - _____ Exp. Date _____

Billing Zip Code _____ Security Code _____

Name on Card _____

Signature _____ Date _____