45th Annual
Advances in Internal Medicine

Featuring an Electronic Audience Response System

MAY 22-26, 2017
JUNE 19-23, 2017

COURSE CHAIR
H. Quinny Cheng, MD
Professor of Medicine
University of California, San Francisco

HOLIDAY INN GOLDEN GATEWAY • SAN FRANCISCO, CA
Now in its 45th year, this course reviews the most recent developments and current controversies in the field of internal medicine. Particular emphasis will be placed on topics of clinical relevance to the practicing physician. The course will include:

**Didactic Lectures** – Clinically active faculty from the Department of Medicine will emphasize recent clinical advances.

**Year-in-Review Literature Reviews** – Faculty will review major articles from the general medical specialty literature with immediate importance to clinical practice.

**Clinical Dilemmas** – In addition to case presentations to illustrate current management strategies, a special session on clinical problem-solving will be included.

**Questions and Answers** – Ample time will be provided for specific questions and discussions of problems commonly encountered by course participants.

**Internal Medicine Topics** – Areas to be covered include cardiology, geriatrics, endocrinology, general internal medicine, women’s health, infectious diseases, rheumatology, hematology and oncology, gastroenterology, neurology and pulmonary disease.

**Multidisciplinary Topics** – Additional topics of interest to the practicing internist will include issues in women’s health, geriatrics, emergency & hospital medicine, and neurology.

Advances in Internal Medicine is presented by the Department of Medicine and is sponsored by the Office of Continuing Medical Education of the University of California, San Francisco School of Medicine.

**GREENER MEETING**

In an effort to save paper, the syllabi will be available electronically one week prior to each course. A printed syllabus book is also available for purchase for an additional $40.00.

**TARGET AUDIENCE**

This course is designed for practicing internists, family practitioners, and other primary care health professionals. It is also appropriate for hospitalists who wish to stay current on recent developments in internal medicine beyond the inpatient setting.

The purpose of this course is to increase competence and improve clinician practice in internal medicine. We specifically anticipate improvements in skills and strategies to:

- Better manage commonly encountered chronic medical problems such as hyperlipidemia, diabetes, osteoporosis, obstructive lung disease, gout, and headaches, as well as acute conditions such as skin and soft tissue infections, diarrhea, and musculoskeletal injuries;
- Bring practice patterns more in line with current evidence and guidelines with respect to atrial fibrillation, coronary artery disease, chronic kidney disease, anticoagulation management, contraception, and preoperative medical evaluation;
- Manage common problems traditionally treated by specialists, such as heart failure, Hepatitis B & C infections, end-of-life care, rheumatoid arthritis, as well as recognize the indications for referral to a subspecialist.
H. Quinny Cheng, MD
Professor of Medicine

COURSE FACULTY

(University of California, San Francisco unless indicated)

Robert B. Baron, MD, MS
Professor of Medicine
Associate Dean for Graduate and Continuing Medical Education

Paul D. Blanc, MD, MSPH
Professor of Medicine
Endowed Chair and
Division Chief, Occupational and Environmental Medicine

Lee-may Chen, MD, FACS, FACOG
John A. Kerner Distinguished Professor in Gynecologic Oncology
Professor of Obstetrics, Gynecology and Reproductive Sciences

Kenneth Covinsky, MD, MPH
Professor of Medicine
Division of Geriatrics

Lloyd E. Damon, MD
Director, Adult Blood and Marrow Transplant and Hematologic Malignancies Program
Chief, UCSF Hematology Clinic

Christine E. Dehleondorf, MD, MAS
Associate Professor of Family and Community Medicine, of Obstetrics, Gynecology and Reproductive Sciences, and of Epidemiology and Biostatistics
Director, Program in Woman-Centered Contraception

Sarah Doernberg, MD, MAS
Assistant Professor of Medicine
Division of Infectious Diseases

Kim S. Ertle, MD
Associate Clinical Professor of Medicine, Division of Infectious Diseases; Medical Director, Infection Prevention and Control Chief of the Professional Staff, Mills Peninsula Medical Center Burlingame, California

Jonathan Graf, MD
Professor of Medicine
Division of Rheumatology
Zuckerberg San Francisco General

Katherine Gundling, MD, FACP
Professor of Medicine
Division of Allergy and Immunology

Harry Hollander, MD
Professor of Medicine, Division of Infectious Diseases; Director, Internal Medicine Residency Training Program

S. Andrew Josephson, MD
Carmen Castro Franceschi and Gladyne K. Mitchell Neurohospitalist Distinguished Professor and Senior Executive Vice Chair of Neurology

Jeffrey Kohlwey, MD, MPH
Professor of Medicine
Director, PRIME Residency Program; Associate Director, Internal Medicine Residency

Ryan Laponis, MD
Assistant Professor of Medicine, Division of General Internal Medicine

Lorriana E. Leard, MD
Chief of Clinical Operations, Pulmonary, Critical Care Allergy & Sleep Medicine
Associate Program Director Pulmonary & Critical Care Medicine Fellowship

Morris Levin, MD
Director, UCSF Headache Center

Annie F. Luetchmeyer, MD
Assistant Professor of Medicine
Division of HIV, Infectious Disease and Global Medicine, Zuckerberg San Francisco General

Anthony Luke, MD, MPH
Professor and Director
Primary Care Sports Medicine

Umesh Masharani, MB, BS, MRCP
Professor of Medicine
Division of Endocrinology and Metabolism

Karl Meisel, MD, MA
Assistant Professor of Medicine
Department of Neurology
Vascular Neurologist
Director, Stroke Clinic

Elizabeth J. Murphy, MD, DPhil
Professor of Medicine
Chief, Division of Endocrinology and Metabolism
Zuckerberg San Francisco General

Iris Otani, MD
Assistant Professor of Medicine
Division of Allergy/Immunology

Cara Pellegrini, MD
Associate Professor of Medicine
Acting Chief, Cardiology
San Francisco VA Health Care System

Michael Peters, MD
Assistant Professor of Medicine

Thomas A. Ports, MD
Professor of Medicine
Chief, Interventional Cardiology

Michael W. Rabow, MD, FAAPM
Professor of Medicine and of Urology
Division of General Internal Medicine; Director, Symptom Management & Palliative Care
Helen Diller Family Chair in Palliative Care

Rita Redberg, MD, MS, FACC
Editor-in-Chief, JAMA Internal Medicine, Co-Director, Center of Excellence for Heart Disease in Women, Professor of Medicine

Hope Rugo, MD
Professor of Medicine
Director, Breast Oncology and Clinical Trial Education
UCSF Helen Diller Family Comprehensive Cancer Center
Monday • May 22 and June 19
7:00 am  Registration and Continental Breakfast
8:00  Welcome and Overview  H. Quinny Cheng, MD

CARDIOLOGY  • Moderator: Thomas A. Ports, MD
8:10  Advances in Heart Failure Management  Van Selby, MD
9:00  Update on Atrial Fibrillation  Cara Pellegrini, MD
9:50  Break
10:10  Update on Interventional Cardiology and Guidelines  Krishan Soni, MD, MBA
11:00  Updates and Clinical Pearls in Allergy and Immunology  Iris Otani, MD (May) Katherine Gundling, MD (June)
11:50  Lunch on Own

GERIATRICS  • Moderator: Eric Widera, MD
1:20 pm  Updates in Geriatrics and Palliative Care  Eric Widera, MD Kenneth Covinsky, MD, MPH
2:50  Break

ENDOCRINOLOGY  • Moderator: Umesh Masharani, MB, BS, MRCP
3:10  Optimizing Use of Medication for Type 2 Diabetes  Robert Rushakoff, MD, MS
4:00  Current Approach to Thyroid Nodules  Elizabeth J. Murphy, MD, DPhil
4:50 pm  Adjourn

Tuesday • May 23 and June 20
7:00 am  Continental Breakfast

GENERAL INTERNAL MEDICINE  • Moderator: Robert B. Baron, MD, MS
8:00  Diagnosis and Treatment of Osteoporosis: What's New in 2017  Jeffrey A. Tice, MD
8:50  Updates in General Internal Medicine: Year in Review  Jeffrey Kohlwes, MD, MPH
9:40  Break
10:00  Management of Lipid Disorders: Balancing Benefits and Harms  Robert B. Baron, MD, MS
10:50  Update in Women's Health: Year in Review Chronic Kidney Disease: What the Generalist Needs to Know  Judith M.E. Walsh, MD, MPH (May) Michael G. Shlipak, MD, MPH (June)
11:40  Lunch on Own

WOMEN'S HEALTH  • Moderator: Robert B. Baron, MD, MS
1:10 pm  Updates in Contraception: Advances in Technical and Interpersonal Care  Christine E. Dehlendorf, MD, MAS
2:00  Chronic Kidney Disease: What the Generalist Needs to Know Update in Women's Health: Year in Review  Michael G. Shlipak, MD, MPH (May) Judith M.E. Walsh, MD, MPH (June)
2:50  Break
3:10  Keynote: The Digital Doctor: Hope, Hype and Harm at the Dawn of Medicine's Computer Age Advances in Treatment of Sports Injuries of the Hip  Robert M. Wachter, MD (May) Alan Zhang, MD (June)
4:00  Update in Hospital Medicine  Bradley A. Sharpe, MD
4:50 pm  Adjourn

G - Satisfies the California requirement for Geriatric CME
P - Satisfies the California requirement for Pain CME

Holiday Inn Golden Gateway (May)
UCSF Parnassus Campus, Cole Hall (June)
San Francisco, CA
### Wednesday • May 24 and June 21

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Infectious Diseases • Moderator: Lisa G. Winston, MD</td>
<td>Kanade Shinkai, MD, PhD</td>
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<td>8:50</td>
<td>Cutaneous Infection</td>
<td>Sarah Doernberg, MD, MAS</td>
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<tr>
<td>9:40</td>
<td>Infectious Diarrhea, Especially <em>C. difficile</em></td>
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<tr>
<td>10:00</td>
<td>Hot Topics &amp; Key Articles in Infectious Disease</td>
<td>Kim S. Erlich, MD</td>
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<tr>
<td>10:50</td>
<td>What’s New in Hepatitis B and C</td>
<td>Annie F. Luetkemeyer, MD</td>
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<tr>
<td>11:40</td>
<td>Lunch on Own</td>
<td>Harry Hollander, MD</td>
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<tr>
<td>1:10</td>
<td>Clinical Problem-Solving Exercise</td>
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<tr>
<td>2:00</td>
<td><em>G</em> Gout: New Guidelines for an Old Disease</td>
<td>Jonathan Graf, MD</td>
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<tr>
<td>2:50</td>
<td><em>G</em> Update in Rheumatoid Arthritis</td>
<td>Jonathan Graf, MD</td>
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<tr>
<td>3:10</td>
<td><em>G</em> Update in Perioperative Medicine</td>
<td>H. Quinny Cheng, MD (May)</td>
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<tr>
<td>4:00</td>
<td>Hot Topics and Challenges in Patient Communication</td>
<td>Ryan Laponis, MD (June)</td>
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<td>4:50 pm</td>
<td>Adjourn</td>
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### Thursday • May 25 and June 22

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Hematology and Oncology • Moderator: Hope Rugo, MD</td>
<td>Lee-may Chen, MD, FACS, FACOG</td>
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<tr>
<td>8:50</td>
<td><em>G</em> Gynecologic Cancers in the Age of Precision Medicine</td>
<td>Michael W. Rabow, MD, FAAHPM</td>
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<tr>
<td>9:40</td>
<td>Palliative Care in the Continuum of Oncologic Management</td>
<td>H. Quinny Cheng, MD (June)</td>
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<tr>
<td>10:00</td>
<td>Anemia &amp; Other Cytopenias</td>
<td>Lloyd E. Damon, MD</td>
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<tr>
<td>1:10 pm</td>
<td><em>P</em> Headache: Update and Review</td>
<td>Morris Levin, MD</td>
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<tr>
<td>2:00</td>
<td><em>G</em> Managing Stroke in 2017</td>
<td>Karl Meisel, MD, MA</td>
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<tr>
<td>2:50</td>
<td><em>G</em> Update in Perioperative Medicine</td>
<td>Ryan Laponis, MD (May)</td>
</tr>
<tr>
<td>3:10</td>
<td>Hot Topics and Challenges in Patient Communication</td>
<td>H. Quinny Cheng, MD (June)</td>
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<tr>
<td>4:00</td>
<td><em>P</em> Common Problems in Sports Medicine</td>
<td>Anthony Luke, MD, MPH (May)</td>
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<tr>
<td>4:50 pm</td>
<td>Adjourn</td>
<td>Rita Redberg, MD, MS, FACCC (June)</td>
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### Friday • May 26 and June 23

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Continental Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td>Pulmonary • Moderator: Lorriana E. Leard, MD</td>
<td>Paul D. Blanc, MD, MSPH</td>
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<tr>
<td>8:50</td>
<td>Occupational and Environmental Lung Disease: What a Primary Care Provider Needs to Know</td>
<td>Michael Peters, MD</td>
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<tr>
<td>9:40</td>
<td>Updates in COPD and Asthma</td>
<td>Neil Trivedi, MD</td>
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<tr>
<td>10:00</td>
<td>Lung Cancer Screening</td>
<td>H. Quinny Cheng, MD</td>
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<tr>
<td>10:50</td>
<td>Medicine Quiz Show: What Have We Learned?</td>
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<tr>
<td>11:40 am</td>
<td>Adjourn</td>
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<td><strong>G</strong> - Satisfies the California requirement for Geriatric CME</td>
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<tr>
<td></td>
<td><strong>P</strong> - Satisfies the California requirement for Pain CME</td>
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requirement under California Assembly Bill 487, should claim only the credit commensurate with the extent of their participation in the activity. This CME activity meets the requirements under California Assembly Bill 1195, continuing education Nurses: American Nurses Credentialing Center accepts extent of their participation in the activity. This CME activity meets the requirements under California Assembly Bill 1820, Geriatric Medicine: The approved credits shown above include 7.50 geriatric credits toward meeting the requirement under California Assembly Bill 487, Geriatric Medicine. Pain Management and Care for the Terminally Ill: The approved credits shown above include 2.50 AMA PRA Category 1 Credits™ towards meeting the requirement under California Assembly Bill 487, Pain Management and Care for the Terminally Ill. Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credits™ issued by organizations accredited by the ACCME.

GENERAL INFORMATION
Advanced registration closes two (2) business days prior to start of course.

REGISTRATION INFORMATION
Tuition: $950  Practicing Physicians
$750  Nurses/Pharmacists/Physicians Assistants/Allied Health Professionals/Residents/Fellows

Greeener Meeting
We're saving paper! The syllabus will be available electronically one week prior to the course. Optional purchase of a printed syllabus is available for an additional $40.

Payment may be made by Visa, MasterCard, AmEx or check.

Register Via:
Online: cme.ucsf.edu
Mail: Complete course registration form and send with payment to:
UCSF Office of CME
P.O. Box 45368
San Francisco, CA  94145-0368
Fax: Fax completed registration form to: (415) 502-1795 (be sure to include your credit card number)
Phone: To register by phone or to inquire about registration status, please call UCSF's CME Registration Office at (415) 476-5808.
Please check our website for up-to-date information on the course: cme.ucsf.edu

Refund Policy
Cancellations received in writing before the first day of the course will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

Conference Location
The May Session of this conference will take place at the Holiday Inn Golden Gateway Hotel.

General Information

ACREDITATION
The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. UCSF designates this live activity for a maximum of 30.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Geriatric Medicine: The approved credits shown above include 7.50 geriatric credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine. Pain Management and Care for the Terminally Ill: The approved credits shown above include 2.50 AMA PRA Category 1 Credits™ towards meeting the requirement under California Assembly Bill 487, Pain Management and Care for the Terminally Ill. Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credits™ issued by organizations accredited by the ACCME.

Pharmacy: The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for AMA PRA Category 1 Credit™.

Physician Assistants: AAPA accepts category 1 credit from AOA/CME. Prescribed credit from AAFP, and AMA category 1 credit for the PRA for organizations accredited by the ACCME.

American Board of Internal Medicine (ABIM) MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 30.25 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equal 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.

Family Physicians: Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

Conference Location (Cont’d)
hotels, this full-service hotel is centered between Nob Hill, Fisherman's Wharf, and the Golden Gate Bridge, which offers an oasis for San Francisco hotel guests looking for a true city experience.

A block of guestrooms has been reserved at the special UCSF conference rate of $199/night for the May session. You are urged to make your reservations early. The cut-off date is April 17, 2017, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations online, go to cme.ucsf.edu and click on the hotel link in the Travel & Lodging section of the course webpage. If you prefer to telephone in your reservation, call 800-272-7098, please identify yourself as a member of this UCSF conference to receive the special rate.

The June Session is being held at Cole Hall on the UCSF Parnassus Campus at 513 Parnassus Avenue. Our preferred location for room reservations is the Stanyan Park Hotel, conveniently located at 750 Stanyan Street (cross street: Waller). The Stanyan Park Hotel is offering a starting rate of $208/night. Additional upgraded room rates are available. To make your reservation, call 415-751-1000.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

Rental Car
Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to convention number # 03BW0136, or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

Air Transportation
UCSF has negotiated special fares with United Airlines for our course attendees. You may use the following tour code to book on your own:
United – www.united.com code: ZX47922379

Please check our website for up-to-date information on the course: cme.ucsf.edu
Upcoming CME Courses

Essentials of Women's Health: An Integrated Approach to Primary Care and Office Gynecology
July 2-7, 2017
Big Island, HI

Essentials of Primary Care: A Core Curriculum for Ambulatory Practice
August 6-11, 2017
North Lake Tahoe, CA

Primary Care Medicine: Principles and Practices
October 11-13, 2017
San Francisco, CA

Management of the Hospitalized Patient
October 19-21, 2017
San Francisco, CA

Controversies in Women's Health
December 7-8, 2017
San Francisco, CA
Mail to: UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

Last Name First M.I.

Degree Specialty

Address

City State Zip

Daytime Phone Fax

Email

Address Label Code Letter (see address label: example, A, B, C, D, etc.)

Would you like to be on our priority email list? □ Yes □ No

Date of birth to be used as OCME registrant number: ___ ___ / ___ ___ / X X

Please indicate if you have any special needs: ___________________________________________

Registration Fees

□ $950 Practicing Physicians
□ $750 Nurses/Pharmacists/Physicians Assistants/Allied Health Professionals/Residents/Fellows

□ $40 Optional Printed Syllabus

Course (Select One):

□ May 22-26, 2017 MDM17M19 – Holiday Inn Golden Gateway • San Francisco, CA

□ June 19-23, 2017 MDM17M20 – UCSF Parnassus Campus, Cole Hall • San Francisco, CA

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Card # ______________ / ______________

Name on Card (Please Print) ___________________________ Authorized Signature ___________________________

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Please check our website for up to date information on the course: cme.ucsf.edu