

ACGINSTITUTE FOR CLINICAL RESEARCH AND EDUCATION



MISSION STATEMENT

The mission of the American College of Gastroenterology Institute for Clinical Research and Education is to promote Digestive Health through education of the clinician, the patient and the public, to support clinical research and innovation in Gastroenterology and Hepatology, and to raise public awareness about prevention of digestive disease.

About the Institute

The ACG Institute for Clinical Research and Education fulfills a very important role in promoting the College's commitment to clinical research and physician and patient education. The ACG Institute's record to date is a source of pride, particularly its significant and growing support of young clinical investigators.

The ACG Institute has grown in the years since its introduction in 1994, both in terms of the breadth of its investment in clinical GI investigators and the scope of its activities, which now include the development of evidence-based systematic reviews and related clinical education for physicians and patients.

The Institute's success is due in large part to the commitment and support of the ACG Board of Trustees, the Board of Governors, and all the members who have participated and continue to be part of the ACG Institute's work.



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ACG Institute Director

Nicholas J. Shaheen, MD, MPH, FACG

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ACG Institute Board of Directors

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Zobair M. Younossi, MD, MPH, FACG (2013-Present)

Bradley C. Stillman, Esq., ACG Executive Director

The Institute recognizes with thanks the contributions of former Board Members:

Edgar Achkar, MD, MACG, ACG Institute Director Emeritus (2005-2014)

William D. Chey, MD, FACG (2014-2015)

David Y. Graham, MD, MACG (2005-2011)

Seymour Katz, MD, MACG (2005-2009)

Bret A. Lashner, MD, FACG, Chair ACG Research Committee (2010-2012)

Jonathan A. Leighton, MD, FACG, Chair ACG Educational Affairs Committee (2011-2013)

Linda Rabeneck, MD, MPH, MACG (2005-2010)

Lawrence R. Schiller, MD, FACG (2006-2009)

Mitchell L. Shiffman, MD, FACG (2005-2013)

Brennan M.R. Spiegel, MD, MSHS, FACG (2010-2013 Board member); Chair ACG Research Committee (2012-2015)

Christina M. Surawicz, MD, MACG (2005-2011))

DIRECTOR'S LETTER

Dear Colleagues,

It is a pleasure to present you with the 2016 Report of the ACG Institute for Clinical Research and Education. The Institute has had an eventful year, and its work is reflected in the many activities described in this publication. I hope you find it an interesting read.

In addition to our usual activities, the Institute Board of Directors held a strategic planning retreat in the spring of this year. This was a far-ranging, "blue skies" meeting, with a diverse array of topics and time for unstructured discussion about the future of our profession and the appropriate role of the ACG Institute in supporting clinical gastroenterology. This meeting re-affirmed my faith in our wonderful Board of Directors, and provided the Institute with a road map for program development for the future.

One very basic and extremely important outcome of this meeting was a change in the mission statement of the Institute. Our previous statement, while comprehensive, was somewhat lengthy. The revised statement, which I believe succinctly captures the mission of the Institute, is:

The mission of the American College of Gastroenterology Institute for Clinical Research and Education is to promote Digestive Health through education of the clinician, the patient and the public, to support clinical research and innovation in Gastroenterology and Hepatology, and to raise public awareness about prevention of digestive disease.

Other important developments from this meeting included:

- The creation of several new grant programs to better serve the diverse needs of our membership and to promote clinical research in gastroenterology and hepatology throughout the career of the GI specialist
- Re-calibration of the award amounts for several grant programs, some of which had not been changed for over 10 years
- Creation of new education initiatives, with a focus on the changing ways that our professionals access information and on increasing user friendliness of our programs
- Development of programs to develop physician leaders and policy advocates for gastroenterology among young professionals in our field



Nicholas J. Shaheen, MD, MPH, FACG ACG Institute Director

5) Discussion of philanthropy initiatives to sustain clinical research and promote education in gastroenterology at the patient, trainee, and practicing clinician levels for decades to come

A word about this last item: The Institute and the College play vital roles in promoting research and education in our field. At a time when resources for these essential functions seem to continually erode, it is more important than ever for us to stand up for our field and ensure that it is a profession in which our best and brightest will continue to flourish for decades to come. One way you can pay back and pay forward is by considering a gift to the Institute to advance our programs. There is an array of opportunities available, and when reviewing the Institute's activities, I guarantee you will find one or more giving opportunities about which you are enthusiastic.

With that as a background, please enjoy this year's report. You will note the marked expansion of our new visiting professor program. The "Edgar Achkar Visiting Professorship Program" heads into its third year with a 100% increase in numbers of applications, and a 50% increase in size. It is clearly filling an unmet need. Spend some time in the research section. You will see the names, pictures and research interests of the many young gastroenterologists who are parlaying the support of the Institute into research careers in gastroenterology and hepatology. If you want to see the future of our profession, look at their faces. If history is any measure, awardees of the Institute will make up a substantial proportion of the leaders in clinical GI and liver research. You will also find descriptions of the other wonderful educational opportunities offered by the Institute.

I am proud of the work of the Institute, and truly blessed to be able to work with our capable Board of Directors and the talented ACG staff. As our field continues to be presented with the challenges of a rapidly evolving healthcare landscape, please know that the ACG Institute will continue to strive to enrich the intellectual life of the College and of our profession.

Very truly yours,

Nicholas J. Shaheen, MD, MPH, FACG

RESEARCH

CLINICAL RESEARCH: PILLAR OF THE ACG INSTITUTE

Founded in 1994, the Institute has provided funding of just over \$17.1 million to 596 investigators, for research directly relating to the clinical gastrointestinal practice. The College is proud of the achievements of its funded investigators. The ACG Institute's continued investment in career development awards and funding for GI fellows-in-training fosters clinical innovations in gastroenterology and hepatology that will improve patient care and strengthen practitioners' capabilities.

Funding for 2016 Clinical Research

For 2016, the ACG Institute for Clinical Research and Education awarded \$1,032,064 in support of outstanding clinical research in gastroenterology. The ACG Institute will support two Junior Faculty Development Grants at an overall level of \$600,000, an investment in career development that recognizes and supports promising clinical researchers. From among numerous submissions for the 2016 Clinical Research Award, the Research Committee recommended funding for 18 investigators for a total of \$407,238 of which 9 are pilot awards at the \$10,000 level.

ACG Institute Advances GI Career Development

The ACG Institute considers the Junior Faculty Development Grant the "jewel in the crown" of the College's research initiatives. In recent years, the award has grown from two to three years of support and reached a level of \$100,000 annually for a \$300,000 total investment in GI clinical investigation. At this level of funding, the Institute is able to attract the best qualified candidates and provide them with the protected research time necessary for the next steps in their careers.

Smaller Programs Clinical Research Award

Created in 2011, this award aims to foster excellent clinical GI research at a broad range of institutions, targeting junior faculty investigators from smaller GI programs, while at the same time maintaining an ongoing commitment to fund the best science. For 2016, the ACG Institute continues to support this category of ACG Clinical Research Awards for GI programs with 15 or fewer full time faculty across the program sites. The recipients of this award continue to grow in their careers, expanding the knowledge base of clinical gastroenterology.

Rigorous Review of Clinical Research Applicants by ACG Research Committee



Jean-Paul Achkar, MD, FACG, Chair, ACG Research Committee

In January 2016, the ACG Research Committee, under the leadership of Jean-Paul Achkar, MD, FACG, Chair, convened in Scottsdale, Arizona to review the submissions for the ACG 2016 Research Awards. The ACG Research Committee is composed of hard-working ACG members with a wide range of research expertise in gastroenterology and hepatology. Each year, the review consists of over 100 applications for grant funding, spread among the categories of Junior Faculty Development Awards, Clinical Research Awards, Pilot Programs, and "Smaller" Programs.

The Research Committee members thoroughly review each grant application, with three reviewers assigned to score each one, utilizing a scoring scale modeled on the NIH scoring system. At the committee's in-person review meeting in January, discussions and scoring take place. Grants are discussed in detail with a presentation by each of the three reviewers who were assigned to each application, followed by an open discussion by the Research Committee, and final scoring by all committee members. Once the review process is completed, a recommendation regarding which grants should be funded is given to the ACG Institute's Director, Dr. Shaheen, who then presents those funding decisions to the ACG Board of Trustees for final approval.

Overall, the review process is very labor intensive, but the Research Committee members dedicate their time to ensure that the process is fair and the best science is selected for funding. In order to assist applicants in their grantsmanship and future applications, all grant applicants receive written critiques afterwards from the grant reviewers.

ACG JUNIOR FACULTY DEVELOPMENT AWARDS

2016 JUNIOR FACULTY DEVELOPMENT AWARDS



Jessica R. Allegretti, MD, MPH Brigham and Women's Hospital Altered Bile Salt Composition Secondary to Intestinal Dysbiosis: Mechanisms Underlying Recurrent Clostridium difficile Infections



Siddharth Singh, MD, MS University of California San Diego Impact of Obesity on Disease Course and Treatment Response in Inflammatory Bowel Diseases

2015 JUNIOR FACULTY DEVELOPMENT AWARDS



Christopher V. Almario, MD, MSHPM Cedars-Sinai Medical Center Automated Evaluation of Gastrointestinal Symptoms (AEGIS): A Pragmatic Clinical Trial Evaluating the Impact of AEGIS on Clinical Outcomes



Cynthia A. Moylan, MD, MHS
Duke University Medical Center
Epigenetics and the Development
of Nonalcoholic Fatty Liver Disease



Jennifer C. Price, MD, PhD University of California San Francisco The Influence of HIV Infection on the Natural History of Nonalcoholic Fatty Liver Disease

2014 JUNIOR FACULTY DEVELOPMENT AWARDS



Linda C. Cummings, MD, MS
Case Western Reserve University
Medication and Perioperative Effects
on Esophageal Cancer Outcomes



Manish Gala, MD Massachusetts General Hospital Identifying High-Risk Genes for Pancreatic Cancer through Multicancer Signatures



Ashwani K. Singal, MD, FACG University of Alabama at Birmingham Translational Bioenergetics in Patients with Alcoholic Liver Disease

ACG CLINICAL RESEARCH AWARDS

In 2016, the College offers Clinical Research Awards of up to \$35,000 for original clinical research. The mission of this awards program is to fund innovative research that is patient-care oriented. The Committee also considers proposals for pilot awards of up to \$10,000 within this category.

2016 ACG CLINICAL RESEARCH AWARDS

Andrew S. Allegretti, MD

Massachusetts General Hospital
In-depth Understanding of Hepatorenal Syndrome and Potential Therapies

Jose D. Debes, MD, MS

University of Minnesota

The Role of Progesterone Receptor Mutations in Hepatitis

E Infection in Immunosuppressed Hosts

Prasad G. Iyer, MD, MS, FACG

Mayo Clinic Rochester
Influence of Central Obesity on the Esophageal Epithelial Barrier

Zhenghui G. Jiang, MD, PhD

Beth Israel Deaconess Medical Center Adenosine Deaminase 2 in the Fibrosis of Nonalcoholic Fatty Liver Disease

Katsuyuki Miyabe, MD, PhD

Mayo Clinic Rochester

The Role of the Biliary and Gut Microbiome in the Progression of Cholangiocarcinoma and Primary Sclerosing Cholangitis

Aldo J. Montano-Loza, MD, MSc, PhD

University of Alberta

Diagnostic Significance and Prognostic Implications of Chemokine-Cytokine Profiles in Autoimmune Hepatitis

Ali Rezaie, MD, MSc

Cedars-Sinai Medical Center
The Development of IBS and the Role of Autoantibodies
in Military Personnel Pre- and Post-Deployment

Laura Targownik, MD, MSHS

University of Manitoba

Using Linked Population-Based Administrative Datasets to Evaluate Maternofetal Outcomes among Women with Inflammatory Bowel Disease (IBD)

Sachin B. Wani, MD

University of Colorado

A Prospective Multi-Center Study Evaluating Endoscopy Competence among Gastroenterology Trainees in the Era of the Next Accreditation System

Ju Dong Yang, MD, MSc

Mayo Clinic Rochester

Detection of Actionable or Predictive Tumor DNA Mutations in Peripheral Blood (Liquid Biopsy) from Patients with Cholangiocarcinoma (CCA)

2016 ACG CLINICAL RESEARCH AWARDS PILOT PROJECTS

Nitin Aggarwal, MD

Cleveland Clinic Foundation
The Role of Buspirone in Functional Dysphagia

Veeral H. Ajmera, MD

University California, San Francisco
The Association Between Serum NKG2D Ligands and Non-alcoholic Steatohepatitis

Siwar Albashir, MD

McMaster University

Reducing Anxiety in Patients Undergoing First-time Colonoscopy: A Pilot and Feasibility Study for Randomized Controlled Trial

Khurram Bari, MD

University of Cincinnati

A Pilot Study to Evaluate the Safety and Efficacy of Budesonide as an Alternative to Prednisone for Liver Transplant Immune Suppression

James L. Buxbaum, MD

University of Southern California Pilot Study of Quantitative Contrast Enhanced Endoscopic Ultrasound for Evaluation of Pancreatic Lesions

Bryan G. Sauer, MD, MSc

University of Virginia

Evaluation of the New American Gastroenterological Association Guidelines on the Diagnosis and Management of Asymptomatic Neoplastic Pancreatic Cysts through Use of Modeling

Itishree Trivedi, MD

Northwestern University - Feinberg School of Medicine Adaptation of a Quality Improvement Toolbox for Young Adults with IBD

Serre-Yu Wong, MD, PhD

Icahn School of Medicine at Mount Sinai
Pre-inflammatory Host-Microbial Changes in Crohn's
Disease Patients with NOD2 Mutations

ACG 2016 "SMALLER PROGRAMS" CLINICAL RESEARCH AWARDS

Ransome Eke, MD, PhD, MPH

Greenville Health System

Eosinophilic Esophagitis Smoking Exposure Study

ACG-FUNDED PROJECT YIELDS INSIGHTS AND PUBLICATIONS ON CAPNOGRAPHY

The ACG Institute for Clinical Research and Education supported the first study to assess the efficacy of capnographic monitoring in routine EGD and colonoscopy with moderate sedation in healthy patients. The work of Paresh P. Mehta, MD, and colleagues at Cleveland Clinic, under the mentorship of John J. Vargo, MD, MPH, FACG, provides initial evidence that the universal application of capnographic monitoring is not warranted when assessing hypoxemia as the primary outcome.



Paresh P. Mehta, MD

"Early ventilation changes detected by capnographic monitoring in healthy subjects undergoing EGD or colonoscopy with moderate sedation does not improve detection of hypoxemia."

– Mehta et al.

In 2013, as a second-year fellow at Cleveland Clinic, Dr. Paresh P. Mehta submitted a proposal for the ACG Clinical Research Award: "Does the Use of Capnography in Routine EGD and Colonoscopy Targeting Moderate Sedation with a Benzodiazepine and Opioid Improve Safety? A Randomized, Controlled Trial." His interest in sedation management for gastrointestinal endoscopy and previous work on obstructive sleep apnea and sedation-related adverse events, coupled with the support of mentor Dr. John Vargo, gave the ACG Research Committee confidence in their decision to fund this well-designed study with a strong plan for data analysis.

The trajectory of this project – from proposal to publication – perfectly encapsulates the goals of ACG Institute's Clinical Research Award, which are to invest in the research skills of GI fellows and young investigators to pursue clinically relevant questions that advance understanding of digestive disease, improve patient care and contribute to the scientific life of the College, often resulting in publications in *The American Journal of Gastroenterology*. Notably, Dr. Mehta and his colleagues tackled a timely question with important implications for the practice of endoscopy.

At the time of Dr. Mehta's research proposal, the American Society of Anesthesiology had recently updated its standards for anesthetic monitoring during moderate sedation. This change in the practice model for monitoring patients undergoing routine endoscopy with moderate sedation was significant for the landscape of procedural sedation for GI endoscopy in the United States. The investigators noted that

at the time of the updated ASA recommendations, to the best of their knowledge, there was no randomized evidence available to support this change in regard to improvement of safety during outpatient EGD and colonoscopy for healthy adults targeting moderate sedation. Dr. Mehta, with guidance from Dr. Vargo, proposed the first trial in adults to explore whether the added use of capnography improves or changes peri-procedural respiratory safety management in routine EGD or colonoscopy.

For this project, the investigators planned a prospective evaluation of the use of capnographic monitoring in patients presenting for routine upper and lower endoscopy with moderate sedation. Dr. Mehta proposed a randomized parallel group assignment trial enrolling routine outpatient EGD or colonoscopy patients into open or blinded arms of capnography monitoring.

Dr. Mehta and his colleagues at Cleveland Clinic found that capnographic monitoring during routine EGD and colonoscopy with moderate sedation does *not* reduce the rates of hypoxemia in ASAPS I and II patients.

The findings by Dr. Mehta and his colleagues at Cleveland Clinic resulted in abstracts, oral presentations and, recently, a publication in *The American Journal of Gastroenterology*. For a relatively small award of approximately \$35,000, these outcomes are an excellent example of the return on investment made by the ACG Institute for Clinical Research and Education.

- Dr. Mehta delivered an Oral Presentation in the President's Plenary at ACG Annual Meeting in 2014 – a showcase of the best papers in each organ category: "Capnographic Monitoring Does Not Improve Detection of Hypomemia in Colonoscopy with Moderate Sedation. A Randomized, Controlled Trial."
- For this ACG 2014 abstract, Dr. Mehta received an ACG Fellow Award recognizing excellent work by a GI fellow-in-training.
- In 2015, Dr. Mehta's abstract was accepted for Digestive Disease Week.
- A manuscript was accepted in *The American Journal of Gastroenterology* as "Capnographic Monitoring in Routine EGD and Colonoscopy with Moderate Sedation: A Prospective, Randomized, Controlled Trial," for publication in the November 2016 issue of AJG.

THE ACG SCHOLARS

Testimonials

"I am incredibly grateful to the ACG for supporting my research endeavors and continued career development through the Junior Faculty Development Grant. I am hopeful that this work will set the stage and allow me to become an independently funded physician-scientist and expert in GI health services research and clinical informatics."

- Christopher V. Almario, MD, MSHPM

"Entering my final year of the ACG
Junior Faculty Career Development
Award, I cannot express my deepest
and sincere gratitude toward the
foundation for this wonderful
opportunity...The work from this grant
has led me to obtain additional funding
for my research endeavors. I was able
to secure a large grant from the Elsa U.
Pardee Foundation, as well as become
a finalist for the Damon Runyon Clinical
Investigator Award."

- Manish Gala, MD

"I very much appreciate the opportunity provided from ACG to continue to conduct this research as the following 2 years promise to bring many new and exciting results to the field of NAFLD."

- Cynthia A. Moylan, MD, MHS

"The 3-year period of this award has allowed me intellectual freedom that I would not have been able to achieve with a 2-year award...This 'extra' year has provided me with an academic cushion to propose in my K23 application a multi-center aim...Had I not had this extra year of funding from the ACG, I might not have proposed this aim, as I would not have felt that I could afford to take risks on this annual funding opportunity...I am extraordinarily grateful for ACG's support of my early career. Your support has provided me with the critical stepping stone to help launch me toward research independence."

- Jennifer C. Lai, MD, MBA

"This grant has been invaluable in establishing my research program at a critical point in my early career."

- Seth D. Crockett, MD, MPH



ACG Scholars Event Hawaii 2015
Back Left to Right:
Linda C. Cummings, MD, MS,
Manish Gala, MD, Ashwani K.
Singal, MD, FACG, Naim Alkhouri,
MD, Nicholas J. Shaheen, MD,
MPH, FACG, ACG Institute
Director, Jean-Paul Achkar, MD,
FACG, Chair, ACG Research
Committee, Christopher V.
Almario, MD, MSHPM, Jennifer
C. Price, MD, PhD, N. Jewel
Samadder, MD, MSc

THE ACG SCHOLARS Prestigious Cohort of Past ACG Junior Faculty Awardees

The ACG Scholars, the talented group of past ACG Junior Faculty Awardees, continued the tradition of convening at the ACG Annual Meeting to network and learn about current research by their colleagues. This cohort of 52 current and former recipients of the ACG Junior Faculty Development Grant have received more than \$8.1 million dollars in ACG career development awards since 1997.

The designation "ACG Scholar" is a way to not only recognize the achievements of this group of investigators for their productivity and academic achievements, but also to create a sense of identity and community among the recipients of this significant award.

The Institute has established an enduring community of distinguished clinical investigators who will help mentor current ACG Scholars and contribute to the scientific life of the College on an ongoing basis, in myriad ways: as mentors, as presenters at the ACG Annual Scientific Meeting, and by showcasing their research contributions among their colleagues.

In October 2015, at the ACG Annual Scientific Meeting in Honolulu, Hawaii, the ACG Scholars continued their tradition of gathering to network and share their experiences. Joining the ACG Scholars were members of the ACG Research Committee and the ACG Institute Board of Directors.

ACG Institute Director Dr. Nicholas Shaheen welcomed everyone to participate in networking opportunities at the event. Four ACG Junior Faculty Development Award recipients, ACG 2013 recipients Naim Alkhouri, MD and N. Jewel Samadder MD, MSc, and ACG 2014 recipients Manish Gala, MD and Ashwani K. Singal, MD, FACG, provided updates on their research.

Naim Alkhouri, MD, presented on his project "Breath Analysis of Volatile Organic Compounds in Pediatric Nonalcoholic Fatty Liver Disease (NAFLD)." He is investigating the use of breath volatile organic compounds (VOCs) as a noninvasive tool to diagnose nonalcoholic fatty liver disease in children. His group has found that isoprene in exhaled breath is a novel biomarker for advanced fibrosis in patients with chronic liver disease, and they are working towards monitoring disease progression using VOCs sensing for acetone, isoprene and TMA.

N. Jewel Samadder, MD, MSc,

described his work "Molecular Predictors of Missed and Interval Colorectal Cancer: A Population-based study." Dr. Samadder and his team have completed the epidemiological analysis and published the results in Gastroenterology. Dr. Samadder is retrieving tumor blocks for missedinterval CRCs (cases) and detected CRCs (controls) from both major health systems in Utah —University of Utah and Intermountain Healthcare. Thus far, 90 interval CRC cases were retrieved and all available missed-interval CRC cases were completed. Now Dr. Samadder is actively retrieving age- and gendermatched detected CRCs (controls) for each case. In parallel to tissue retrieval, Dr. Samadder is performing laboratory analysis to understand the molecular features associated with the missedinterval versus detected CRCs. His team has optimized all required assays (CIMP methylation status, microsatellite instability, KRAS and BRAF hotspot mutation detection) and completed molecular analysis on 90 interval CRC cases and approximately 40 detected CRC controls. They are well-positioned to complete all tumor tissue retrieval, molecular studies and data analysis.

For his project "Identifying High-Risk Genes for Pancreatic Cancer through Multicancer Signatures," **Manish Gala, MD,** has successfully developed one of the largest cohorts of early-onset pancreatic cancer, from recruitment of patients in the United States and Japan. In the coming year, cell lines developed from these samples will be used to test drug susceptibility in any relevant germline mutations, with the eventual aim of developing targeted therapy for cancers. Dr. Gala's team has found that CXCR4 inhibitors may be useful for treatment of serrated polyps. Observations from this project were published in July 2015, in *Cancer Prevention Research*. Additional funding support for these research endeavors includes a grant from the Elsa U. Pardee Foundation.

Ashwani K. Singal, MD, FACG, presented on his project "Translational Bioenergetics in Patients with Alcoholic Liver Disease." Dr. Singal and his group are currently analyzing data for the first aim of his project, which is to test cellular bioenergetics in alcoholic liver disease patients as a non-invasive biomarker to diagnose alcoholic hepatitis and predict steroid responsiveness. He is actively recruiting patients for aim two of the project, to detect appropriate microsatellite instability high markers for pancreatic cancer. Their data thus far have resulted in three publications this year in *Liver International, Annals of Hepatology*, and *Journal of Clinical and Translational Hepatology*.

ACG SCHOLARS

1997



Carlo Di Lorenzo, MD
Robert F. and Edgar T. Wolfe Foundation
Endowed Chair in Pediatric
Gastroenterology
Chief, Gastroenterology,
Hepatology, and Nutrition
Nationwide Children's Hospital



G. Richard Locke, III, MD, FACG Professor of Medicine Mayo Clinic Rochester

1998



Sapna Syngal, MD, MPH, FACG Professor of Medicine Harvard Medical School Director, Gastrointestinal Cancer Genetics and Prevention Clinics Director, Gastroenterology Brigham and Women's Hospital Dana-Farber Cancer Institute



Zobair M. Younossi, MD, MPH, FACG Professor of Medicine, Virginia Commonwealth University Professor of Biomedical Sciences George Mason University Chairman, Department of Medicine Inova Fairfax Hospital

1999



Naga P. Chalasani, MD, FACG David W. Crabb Professor of Medicine and Director Chief, Division of Gastroenterology and Hepatology Professor of Cellular and Integrative Physiology Indiana University School of Medicine



Nicholas J. Shaheen, MD, MPH, FACG Professor of Medicine and Epidemiology Chief, Division of Gastroenterology and Hepatology University of North Carolina School of Medicine

2000



Yvonne Romero, MD, FACG Assistant Professor of Medicine Mayo Clinic Rochester



John M. Inadomi, MD, FACG Cyrus E. Rubin Professor of Medicine Head, Division of Gastroenterology University of Washington

2001



Chinyu Su, MD Senior Director, Global Medicines Development Pfizer, Inc.

2002



Deborah A. Fisher, MD, MHS, FACG Associate Professor of Medicine Duke University Health Services Research and Development Center Durham Veterans Affairs Medical Center



Kirti Shetty, MD Director of Hepatology Sibley Memorial Hospital Associate Professor of Medicine Johns Hopkins Medicine

2003



Bo Shen, MD, FACG The Ed and Joey Story Endowed Chair Professor of Medicine Cleveland Clinic Foundation

2003



Yuri A. Saito-Loftus, MD, MPH Assistant Professor of Medicine Mayo Clinic Rochester



Yehuda Ringel, MD, FACG Associate Professor of Medicine Associate Director, UNC Center for Functional GI and Motility Disorders Division of Gastroenterology and Hepatology University of North Carolina at Chapel Hill Chief, Division of Gastroenterology Rabin Medical Center, Beilinson Hospital



George N. Ioannou, MD, MS Associate Professor of Medicine University of Washington Director Hepatology Veterans Affairs Puget Sound Health Care System

2004



Thomas A. Ullman, MD, FACG Associate Professor of Medicine, Gastroenterology Mount Sinai School of Medicine



Elena M. Stoffel, MD Assistant Professor of Medicine University of Michigan, Ann Arbor

2005



Shahnaz Sultan, MD, MHSc Assistant Professor University of Minnesota Core Investigator, Center for Chronic Disease Outcomes Research Minneapolis VA Health System

ACG SCHOLARS

2006



Albena D. Halpert, MD Pentucket Medical Associates



Claudia O. Zein, MD Case Western Cleveland VA Medical Center

2007



Brian W. Behm, MD Associate Professor Medicine University of Virginia School of Medicine



Gregory S. Sayuk, MD, MPH Associate Professor, Department of Medicine and Psychiatry Washington University in St. Louis School of Medicine



Marcelo F. Vela, MD, MSCR, FACG Associate Professor of Medicine Mayo Clinic Scottsdale

2008



Jasmohan S. Bajaj, MD, MSc, FACG Assistant Professor of Medicine Maguire VA Medical Center and Virginia Commonwealth University



Alphonso Brown, MD Assistant Professor of Medicine Beth Israel Deaconess Medical Center



Evan S. Dellon, MD, MPH Associate Professor of Medicine and Epidemiology University of North Carolina Chapel Hill School of Medicine

2009



Curtis K. Argo, MD, MS Associate Professor of Medicine University of Virginia

2009



Ajay Bansal, MD Associate Professor of Medicine University of Kansas Medical Center



Prasad G. Iyer, MD, MS, FACG Professor of Medicine Consultant, Division of Gastroenterology and Hepatology Co-Director, Advanced Esophageal Fellowship Director, Post-Doctoral Programs Mayo Clinic Center for Clinical and Translational Science Mayo Clinic Rochester



Bechien U. Wu, MD Director, Pancreatic Disorders Kaiser Permanente Los Angeles Medical Center

2010



Katherine Garman, MDAssistant Professor of Medicine Duke University



David G. Koch, MD
Associate Professor of Medicine,
Gastroenterology and Hepatology
Medical University of South Carolina



Alberto Rubio-Tapia, MD Assistant Professor of Medicine Mayo Clinic Rochester



Harminder Singh, MD, FACG Assistant Professor of Medicine University of Manitoba

2011



Eric I. Benchimol, MD Associate Professor of Pediatrics Director, Health Information Technology Program Children's Hospital of Eastern Ontario



Jason K. Hou, MDAssistant Professor of Medicine
Baylor College of Medicine

2011



Ponni V. Perumalswami, MD Assistant Professor of Medicine Mt. Sinai School of Medicine



Amit Singal, MD, MS Associate Professor of Medicine University of Texas Southwestern



Tyler Stevens, MD, FACG Director of the Pancreas Clinic Cleveland Clinic Foundation

2012



Seth D. Crockett, MD, MPH Assistant Professor of Medicine University of North Carolina Chapel Hill



Tamas A. Gonda, MD Assistant Professor of Medicine New York-Presbyterian/Columbia University Medical Center



Jennifer C. Lai, MD, MBA Assistant Professor University of California San Francisco School of Medicine

2013



Naim Alkhouri, MD Staff Physician, Digestive Disease and Surgery Institute Cleveland Clinic Foundation



Walter G. Park, MD, MS Assistant Professor of Medicine Stanford University Medical Center



N. Jewel Samadder, MD, MSc Assistant Professor Huntsman Cancer Institute

ACG SCHOLARS

Contributions to 2016 Annual Scientific Meeting

Plenary Sessions: 2016 ACG Annual Scientific Meeting



Naga P. Chalasani, MD, FACG Indiana University Acute Alcoholic Hepatitis in the United States: Clinical Characteristics, Outcomes and Relationship with PNPLA3 Genotype and Coffee Drinking



Evan S. Dellon, MD, MPH
University of North Carolina
School of Medicine, Chapel Hill
A Randomized, DoubleBlind, Placebo-Controlled
Trial of a Novel Recombinant,
Humanized, Anti-Interleukin-13
Monoclonal Antibody
(RPC4046) in Patients with
Active Eosinophilic Esophagitis:
Results of the HEROES Study



Yuri A. Saito-Loftus, MD, MPH Mayo Clinic Rochester A Placebo-Controlled Trial of Pregabalin for Irritable Bowel Syndrome (President's Plenary Session / 2016 ACG Governors Award for Excellence in Clinical Research)

The leadership of the ACG Institute is proud of the contributions of the Junior Faculty Development Grantees, whose cutting edge research dominates the oral plenary sessions at the ACG Annual Scientific Meeting. As part of their award, recipients are encouraged to submit an abstract for consideration to the ACG Meeting. Submissions are rigorously reviewed and evaluated by the ACG Educational Affairs Committee, which selects fewer than 70 papers for oral presentation from the more than 2,000 abstracts submitted each year.

The high percentage of oral papers presented by the ACG Scholars at the ACG Annual Scientific Meeting is a testament to the talents of this dynamic group of clinical researchers. Their work is frequently featured as part of the distinguished President's Plenary Session, a forum to showcase the best abstract in each organ system category.

ACG 2015-2016 RESEARCH COMMITTEE



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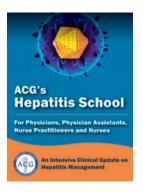
EDUCATION

ACG INSTITUTE'S EDUCATION MISSION

The Institute has staked a claim in the life of the College through the excellence of its educational initiatives and by delivering timely and practical clinical updates that meet the needs of busy GI clinicians.

ACG's Hepatitis School 2015-2016

The concept of the ACG Hepatitis School was born in early 2013, in response to the dramatic changes that were occurring in the evaluation and treatment of hepatitis B and C and the need to make the ACG membership aware of these



developments so that they could be prepared to provide the best care for the patients and communities they serve. The first course was presented in Washington, DC in April 2013. The curriculum included discussions on the epidemiology, diagnosis and treatment of both hepatitis B and hepatitis C. The initial course was well-received by the attendees, who felt that the subject matter greatly benefited their

practices. Over the last three years, the field of hepatology has continued to rapidly advance, especially with new, highly effective hepatitis C treatments being introduced and new technologies becoming available to accurately and non-invasively assess hepatic fibrosis.

The ACG Hepatitis School and its faculty have adapted the curriculum with each successive session in order to present to the audience the most up-to-date information available, sometimes including new information that was literally made available only days before. The course directors have worked diligently to keep the meetings informative and practical while maintaining a bias-free environment.

Current topics include the evaluation and treatment of chronic hepatitis B, evaluation and staging of hepatitis C, treatment of hepatitis C, treatment strategies for difficult to treat hepatitis C patients, such as those with renal disease, cirrhosis or liver cancer, access to hepatitis B and C care, and navigating the current payer systems to obtain hepatitis medications for patients.

The faculty is proud of many aspects of ACG's Hepatitis School. Most notable is the continued interest of the audience



ACG Hepatitis School Faculty, Nashville, December 2015

Left to Right: Paul Y. Kwo, MD, FACG, Jorge L. Herrera, MD, MACG, David E.

Bernstein, MD, FACG, Mitchell L. Shiffman, MD, FACG, April (Long) Morris, FNP,

Bruce A. Luxon, MD, PhD, FACG

and increasing enrollment at each successive course. The faculty is equally proud of the course curriculum and the continual updating of the content in order to ensure that the most recent developments in hepatology are brought to the attention of the membership so that they can bring these advances home to their communities. The impact of the courses has been tremendous, and we look forward to continuing to refine and update the curriculum to best serve the membership.

In 2015 and 2016, the ACG Hepatitis School delivered daylong interactive educational programs providing an immersion in hepatitis B and C management and a clinical update on new therapeutic modalities and approaches. The program focused on the epidemiology and treatment of hepatitis B and C, pre-treatment medical evaluation of the patient, currently approved therapies for hepatitis C and the pipeline of new drug development for the treatment of hepatitis C, navigating the complex insurance process, and approaches with hepatitis C and HIV co-infection. The faculty addressed identifying candidates for therapy, provided an excellent review of pre-treatment patient evaluation, and reviewed appropriate therapies and their side effects for naïve and previously treated hepatitis C patients. The Institute recognizes with thanks the sponsorship support of Gilead Sciences, Inc. for the 2015-2016 Hepatitis School program.

To achieve the best outcomes for hepatitis C treatment, physicians and their allied health colleagues must adapt their clinical approaches to address the complexities of clinical management. Given the challenging realities of patient management for HCV therapy, with its intensive evaluation, consultation, frequent follow-up monitoring, and physician office visits, the ACG Institute aims to help GI practices coordinate care effectively, promote

adherence to therapy, and ultimately optimize sustained viral response to HCV therapy. There is a tremendous unmet need for training those allied health professionals who play an important role in supporting GI physicians and providing care for patients with hepatitis C. To meet these significant challenges, the College sent GI practitioners and the mid-level providers on their staffs back to school—to ACG's Hepatitis School.

2015–2016 Hepatitis School Faculty List



David E. Bernstein, MD, FACG North Shore Long Island Jewish Health Care System and Hofstra North Shore-LIJ School of Medicine, NewYork, NY



Bruce R. Bacon, MD, FACG St. Louis University School of Medicine, St. Louis, MO



Jorge L. Herrera, MD, FACG University of South Alabama, Mobile, AL



Paul Y. Kwo, MD, FACG Indiana University Department of Medicine, Indianapolis, IN



Bruce A. Luxon, MD, PhD, FACG Georgetown University Medical Center, Washington, DC



April G. Morris, FNP Liver Institute of Virginia, Richmond, VA



Mark W. Russo, MD, MPH, FACG Carolinas Medical Center, Charlotte, NC



Mitchell L. Shiffman, MD, FACG Liver Institute of Virginia, Richmond, VA

January 23, 2015, Las Vegas, NV

David E. Bernstein, MD, FACG, Mitchell L. Shiffman, MD, FACG, and April Long, FNP, were joined by returning faculty Jorge L. Herrera, MD, MACG and the addition of Paul Y. Kwo, MD, FACG, at the Western Regional Course.

June 12, 2015, Boston, MA

Faculty for this course included David E. Bernstein, MD, FACG, Mitchell L. Shiffman, MD, FACG, Bruce A. Luxon, MD, FACG, Paul Y. Kwo, MD, FACG, and April Long, FNP. This program, offered in conjunction with the ACG's Eastern Regional Course, provided an immersion in hepatitis B and C management, update on new therapeutic modalities and approaches, as well as HCV-HIV co-infection and how to navigate the insurance process.

December 4, 2015, Nashville, TN

Faculty for this course included David E. Bernstein, MD, FACG, Mitchell L. Shiffman, MD, FACG, Jorge L. Herrera, MD, MACG, Bruce A. Luxon, MD, FACG, Paul Y. Kwo, MD, FACG, and April Long, FNP. This program was offered in conjunction with the ACG's Southern Regional Course.

June 24, 2016, Washington, DC

Faculty for this course included David E. Bernstein, MD, FACG, Mitchell L. Shiffman, MD, FACG, Bruce A. Luxon, MD, FACG, Paul Y. Kwo, MD, FACG, and April G. Morris, FNP. This program was offered in conjunction with the Eastern Regional Course.

August 26, 2016, Minneapolis, MN

David E. Bernstein, MD, FACG, Mitchell L. Shiffman, MD, FACG, Paul Y. Kwo, MD, FACG, and April G. Morris, FNP, were joined by Bruce R. Bacon, MD, FACG and Mark W. Russo, MD, MPH, FACG, for this course. This program was offered in conjunction with the Midwest Regional Course.



Girish Mishra, MD, MS, FACG (center in gray suit) with faculty and fellows at SUNY Unstate in Syracuse

ACG EDGAR ACHKAR VISITING PROFESSORSHIP PROGRAM

The ACG Institute's Edgar Achkar Visiting Professorship program represents the exemplary educational offerings of the ACG Institute and the ongoing mission of providing quality educational opportunities for members. In a time of restricted resources to fund visiting speakers, the ACG Institute continues to bring nationally recognized speakers as faculty for medical grand rounds presentations and to enhance the educational experience for GI fellows-intraining while providing objective, timely and clinically relevant presentations to ACG member physicians in the community.

In evaluating the applications from institutions seeking an ACG Visiting Professor, the Institute sought to reach a diverse number of programs while aiming to maximize the impact of each visit by targeting GI training programs which could also leverage an additional community event with local ACG member physicians, sometimes in conjunction with a local gut club.

In 2016, the ACG Edgar Achkar Visiting Professorship program marked the third year of bolstering learning opportunities by offering 12 visits for GI fellows-in-training and faculty. The programs offered expertise for a specific area of need at each institution.

Dr. Mishra Visits SUNY Upstate Medical University

On March 23–24, Girish Mishra, MD, MS, FACG, presented at SUNY Upstate in Syracuse, New York, hosted by Ronald Szyjkowski, MD, FACG, Chief, Division of Gastroenterology. The visit began with a dinner that included the GI faculty, staff and fellows. The following morning, Dr. Mishra presented at grand rounds on "New Developments in Pancreatic Cancer Detection and Screening: Novel Diagnostic and Potential Therapies." Dr. Mishra's lecture tied in molecular aspects, EUS, and the work of Marcia Canto, MD, MHS, from Johns



This program bears the name of Edgar Achkar, MD, MACG, ACG Institute Director Emeritus, honoring him for his dedication to the ACG Institute and its aim to provide high quality educational programs to the members of the College.

Hopkins. Attendees included students, residents, fellows, nurse practitioners, physician assistants, attending (general medicine and subspecialty), and hepatobiliary/pancreatic surgeons. Next, Dr. Mishra participated in the fellows case presentations. The fellows noted that these face-to-face conversations were some of the highlights of the Visiting Professor program.

Dr. Mishra is in the unique position of both hosting an ACG Visiting Professor (Dr. Lisa Strate at Wake Forest), as well as serving as one. He saw firsthand the impact on Wake Forest's fellows and faculty participating in this experience, as well as





Gottumukkala S. Raju, MD, FACG (second from left), served as an ACG Edgar Achkar Visiting Professor at the University of Mississippi

the way this learning opportunity gratifies professors in their goal to improve learning and discourse across institutions. Dr. Mishra reflected that, for him, Dr. Edgar Achkar's name is synonymous with teaching and education. Dr. Szyjkowski noted that while the concept of the visiting professors has withered over time, mostly due to lack of funding, ACG continues to offer support where the needs are greatest.



Dr. Raju Visits the University of Mississippi Medical Center

Gottumukkala S. Raju, MD, FACG, served as an ACG Edgar Achkar Visiting Professor at the University of Mississippi Medical Center, in Jackson Mississippi, on April 7-8, hosted by James Sones, MD, FACG, Chief, Division of Gastroenterology. The visit began with a city-wide Gut Club dinner presentation on quality colonoscopy. The following morning, Dr. Raju presented on colonoscopy cases at the GI grand rounds.

The fellows stated that this was the most informative discussion this year, not just for medical knowledge but also for aspects of medicine and practice. During his visit, Dr. Raju spent time with junior faculty and visited the endoscopy unit. According to Dr. Sones, Dr. Raju's presentation will translate into concrete changes in their lab.

This visit held special meaning to Dr. Raju, as he trained under Dr. Edgar Achkar at Cleveland Clinic with Shou Tang, MD, the Director of Therapeutic Endoscopy and Endoscopic Research at the University of Mississippi. Additionally, it afforded the opportunity to explore possible future collaborations with Dr. Tang and other faculty. Dr. Raju expressed his appreciation for his time engaging with Dr. Sones, who trained with Dr. John S. Fordtran. They discussed some of the early pioneering work done using heater probe to control peptic ulcers and diverticular bleeding as well as the controlled trial on the bariatric balloon. Dr. Raju also met with Reed B. Hogan, MD, and discussed epinephrine volume reduction of colon polyps. The faculty was impressed with Dr. Raju's insight and willingness to engage and challenge the fellows. During the visit, the fellows were actively involved, asking pertinent questions that led to stimulating discussions.

Dr. Pandolfino Visits Baylor College of Medicine

On May 4–5, John E. Pandolfino, MD, MSCI, FACG, served as an ACG Edgar Achkar Visiting Professor at Baylor College of Medicine, in Houston, Texas. Dr. Pandolfino was specifically requested by Joseph H. Sellin, MD, FACG, Program Director of Gastroenterology Fellowship, and Jason K. Hou, MD, MS, Co-Program Director, for his expertise in esophagology. This visit was particularly well timed, due to the relative gap of senior



motility specialists at Baylor. The junior faculty and fellows with an interest in esophagology benefited from Dr. Pandolfino's expertise and advice.

During the GI grand rounds, Dr. Pandolfino lectured on "New Techniques in Assessing Esophageal Motility: Beyond the Chicago Classification." According to Dr. Hou, for the GI fellows, hearing insight about management of esophageal motility conditions from a GI leader who was directly involved in the creation of the guidelines was a truly memorable experience. Furthermore, Dr. Pandolfino's candid and useful advice about career planning was of great interest. The previous evening, Dr. Pandolfino presented at a dinner hosted by the Texas Gulf Coast GI Society, on "Management of the PPI Nonresponder: Diagnosis and Treatment."



Dr. Herrera Visits LSU School of Medicine in New Orleans

Dr. Jorge Herrera served as the ACG Edgar Achkar Visiting Professor at LSU in New Orleans on May 26–27. Dr. Herrera was requested by Stephen W. Landreneau, MD, FACG, for his expertise in hepatology. The visit began with an evening dinner program, where

Dr. Herrera presented an "Update on Hepatitis C Therapy," to gastroenterology fellows, gastroenterologists, and community providers including NPs, family practice, and general internists. The presentation included discussion of hepatitis C infection, patient access to care, and management of difficult patients, such as those with cirrhosis and hepatocellular carcinoma, and takeaway points that could be implemented into practice.

Dr. Herrera toured LSU University Medical Center and met with fellows for clinic. He then presented, "Approach to the Asymptomatic Patient with Elevated Liver Tests" at medical grand rounds. This talk was well attended by junior and senior medical students, interns, residents, medicine staff, as well as the gastroenterology fellows and staff. The presentation included a session for questions and answers. Afterwards, Dr. Herrera was presented with the ACG Edgar Achkar Visiting

Professor certificate to commemorate his Edgar Achkar Visiting Professorship. Next, Dr. Herrera lectured at the GI department case conference, where GI fellows presented cases for discussion. The presentations were of great benefit to LSU physicians and trainees, as well as community providers at varying levels of expertise.



Dr. Iyer Visits Loma Linda University Medical Center

On August 18-19, Prasad G. Iyer, MD, MS, FACG, served as the ACG Edgar Achkar Visiting Professor at Loma Linda University, located in Orange County, California. Dr. Iyer was requested by Tejinder Kalra, MD, FACG, Director of Clinical Gastroenterology at Loma

Linda University Medical Center, and Michael Volk, MD, FACG, Director of Transplant Hepatology, Head, Division of Gastroenterology, for his expertise in esophageal diseases.

The visit began with an evening reception and presentation hosted by the Inland Empire GI Society. Dr. Iyer presented on Barrett's esophagus to community GI physicians and Loma Linda faculty and fellows. The next morning, Dr. Iyer provided an advanced-level talk: "Management of Dysplastic Barrett's Esophagus: A Case Based Discussion." This was followed by an informal session on Barrett's esophagus, suggestions from Dr. Iyer on management of quite complex esophageal cases, and individual and small group meetings with faculty.

Loma Linda University and the VA serve a community that is medically underserved, with a wide socioeconomic spectrum. This visit provided the opportunity for the fellows to gain exposure to a nationally prominent expert, and Dr. lyer commented on being struck by the high level of interest and enthusiasm by the fellows and faculty. The feedback from Loma Linda was that Dr. lyer is an excellent very knowledgeable speaker, at the same time very cordial and humble, and they are pleased to be able to take advantage of this opportunity.

Left to Right: Terence D. Lewis, MD, FACG, Frances Lee, DO, Steve Sarrow, MD, David Nguyen, MD, Stephanie Gonzales, MD, Michael Baek, MD, Tejinder Kalra, MD, FACG, Matthew J. Oman, MD, Prasad G. lyer, MD, MS, FACG, Michael L. Volk, MD, MSc, Khaled Selim, MD, and Maisa Abdallah, MD.



2014-2016 VISITS



Thomas M. Deas, Jr., MD, MS, MMM, FACG, at Mayo Clinic in Scottsdale, Arizona, February 5–7, 2014, presenting on health information technology and quality improvement



Nicholas J. Shaheen, MD, MPH, FACG, at Louisiana State University Shreveport, July 16-17, 2014, presenting on EoE and Barrett's esophagus



Brian E. Lacy, MD, PhD, FACG, at Cleveland Clinic Foundation in Ohio, September 9–10, 2014, presenting on GI motility



Paul Martin, MD, FACG, at University of South Alabama, October 1–2, 2014, presenting on liver disease



Lisa L. Strate, MD, MPH, FACG, at Wake Forest University in North Carolina, June 18–19, 2015, presenting on dietary myths and diverticular disease



William D. Chey, MD, FACG, at McMaster University, Ontario, Canada, June 24–25, 2015, presenting on emerging management of constipation related disorders



Marcelo F. Vela, MD, MSCR, FACG, at Case Western University Hospital in Ohio, August 12–13, 2015, presenting on upper GI motility



Neena S. Abraham, MD, MSCE, FACG, at Maimonides Medical Center in Brooklyn, New York, October 7, 2015, presenting on Gl bleeding



Evan S. Dellon, MD, MPH, at University of Texas Health Science Center at San Antonio, December 3, 2015, presenting on esophageal disorders



Girish Mishra, MD, MSc, FACG, at SUNY Upstate University in Syracuse, New York, March 24, 2016, presenting on endoscopic ultrasound and pancreatic disease



Gottumukkala S. Raju, MD, MS, FACG, at the University of Mississippi, April 7–8, 2016, presenting on colon cancer prevention

2014-2016 VISITS



James E. Pandolfino, MD, MSc, FACG, at Baylor College of Medicine, in Houston, Texas, May 4–5, 2016, presenting on esophageal motility and esophageal disorders



Jorge L. Herrera, MD, MACG, at Louisiana State University Health Sciences Center in New Orleans, Louisiana, May 26–27, 2016, presenting on hepatology



Prasad G. Iyer, MD, MS, FACG, at Loma Linda University, in Loma Linda, California, August 18–19, 2016, presenting on diseases of the esophagus



Douglas A. Drossman, MD, MACG, at MedStar Georgetown University Hospital in Washington, DC, September 7–8, 2016, presenting on management of IBS



Lin Chang, MD, FACG, at Rush University Medical Center, in Chicago, Illinois, September 8, 2016, presenting on GI functional disorders



Mitchell L. Shiffman, MD, FACG, at Walter Reed National Military Medical Center, in Bethesda, Maryland, September 8–9, 2016, presenting on hepatology



Sunanda V. Kane, MD, MSPH, FACG, at Howard University, in Washington, DC, September 19–20, 2016, presenting on IBD



Satish S. C. Rao, MD, PhD, FACG, at University of Miami Miller School of Medicine in Florida, September 26–27, 2016, presenting on motility



Nicholas J. Shaheen, MD, MPH, FACG, at Penn State Milton S. Hershey Medical Center, in Pennsylvania, November 2, 2016, on Barrett's esophagus



Charles N. Bernstein, MD, FACG, at University of Pittsburgh School of Medicine, November 2–3, 2016, presenting on IBD



Martin L. Freeman, MD, FACG, at MetroHealth Medical Center in Cleveland, Ohio, presenting on pancreatobiliary and interventional endoscopy



Prateek Sharma, MD, FACG, at North Shore University Health System, in Evanston, Illinois, May 18–19, 2017, presenting on esophageal disease





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