

# UCSD Division of Gastroenterology Newsletter

VOLUME 3, ISSUE 3  
DECEMBER 2007



## Letter from the Chief

Dear Friends:

The resilience of our GI Division, as well as the entire San Diego community, is amazing. As outlined on page 2 of this newsletter, we tragically lost a very adept clinician in Dr. Brad Moore, who passed away suddenly in late September 2007. Brad was only a part of our Division for less than 3 months, but he had already made a huge impact on the people who make up our group with his personable style. Our sincere condolences and hearts continue to go out to his wife and two young children. In October 2007, Santa Ana winds drove wildfires that caused the evacuation of 600,000 people in San Diego county. Both of these events brought out the best of our faculty – everyone stepped up coverage for Dr. Moore’s busy clinical schedule to minimize disruption to patients, and faculty and fellows alike helped cover the service while others had to evacuate their homes due to the uncontrolled nature of the fires. No one in our GI Division lost their home thankfully, but the selfless nature of our faculty and staff made these difficult times pass much easier. I applaud our faculty, fellows, and staff for their hard work during these challenging times.

The wildfires caused the rescheduling of our annual GI Research Retreat, which will now be held on Saturday, February 23, 2008 beginning at 8AM in the Eucalyptus Conference Center on the UCSD Campus. The theme of infection, inflammation and IBD dovetails with the commencement of our newly obtained NIH-funded UCSD Digestive Diseases Research Development Center for which the NIH has committed \$2.7M to enhance our research infrastructure over the next 5 years. The Center’s theme is the continuum of inflammation to repair to transformation, which is the hallmark seen in esophagitis, gastritis, hepatitis, and colitis as these transform into esophageal, stomach, liver, and colon cancers. The Center’s goal is to facilitate an understanding of these processes as it moves along this continuum.

In other events, UCSD successfully completed its surprise Joint Commission survey in October 2007, a commendation for the adherence to outstanding practice guidelines at our institution, and joins the VA San Diego Healthcare System, which successfully completed its survey in January 2007. UCSD is updating its webpage look and how information is presented, and the GI Division is doing the same. Shortly, the Division will have a major update to its webpage at (currently at [gastro.ucsd.edu](http://gastro.ucsd.edu)).

I wish all of you the greatest Holiday Season for 2007!

### Inside this issue:

Memorial	2
Program Highlights	3-4
Recent Publications	5
Divisional Highlights	6
Awards and Honors	6
Organization Statement	7



## In Memoriam...



Brad R. Moore, M.D.

Dr. Brad Roderick Moore, 37, of San Diego, Calif., died Friday, September 21, 2007. Dr. Moore originally of Brandon, Mississippi, graduated from Jackson Preparatory School, Mississippi State University and the University of Mississippi Medical School. He did his residency at Fletcher Allen Medical Center in Burlington, Vermont. His specialty in Gastroenterology was completed at MUSC, Charleston, S.C. followed by 5 years practice at NEA Medical Clinic, Jonesboro, Ark. At the time of his death, Dr. Moore joined the faculty at University of California San Diego Medical Center in July 2007. He will be remembered as a devoted son, husband, father,

brother, and friend and will be greatly missed by all. Survivors include his wife, Dr. Suzanne Moore; son Nicholas, age 5, and daughter Alexandra, age 1; his parents are Roderick and Jane Moore of Brandon, Mississippi; a sister, Nicole Ray, and her husband, Josh Ray, of Birmingham, Ala., with children Merrill, Macy and Cole; his in-laws, Dewayne and Marian Smith of Marion, Ark. and sister-in-law and brother-in-law, Drs. Stephanie and Chris Gafford of Fayetteville, Tenn. and their children Morgan and Rowan. The family will be establishing a scholarship in the name of Dr. Brad Roderick Moore at

Mississippi State University. Donations in his memory should be sent to: MSU Foundation P.O. Box 6149 MS State, MS 39762. Memorial plaques have been placed at the Hillcrest and Thornton Procedures Center sites.



Brad Moore, M.D. Memorial, October 3, 2007

## October 2007 San Diego Wildfires

Wildfires disrupted large parts of the City of San Diego, including UCSD campus, which closed for 1 week due to poor air quality. Campuses were never in any danger, and UCSD Medical Center was up front and center supporting the disaster, particularly its nationally-

renowned Burn Unit. As a result of the disruption, some faculty and staff were evacuated (none had lost their homes), GI Grand Rounds was cancelled for that week, as well as several of the clinics at UCSD and the VA. The annual GI Division Retreat has been rescheduled to

Saturday, February 23, 2008 in the Eucalyptus Conference Center on the La Jolla campus of UCSD.



San Diego, County, October 21-24, 2007



San Diego County, October 21-24, 2007

## Division of Gastroenterology ...Program Highlights

### William K. Warren Medical Research Center for Celiac Disease at UCSD



Martin F. Kagnoff, M.D., Hans-Christian Reinecker, M.D., Hilde Cheroutre, Ph.D

The William K. Warren Medical Research Center for Celiac Disease was established at UCSD in 2006 with a generous research grant from the Oklahoma-based William K. Warren Foundation. Celiac Disease is estimated to affect one in 100 Americans. Celiac Disease is triggered in genetically susceptible individuals in response to the ingestion of a common dietary protein called gluten, which is found in bread, pasta, cookies, pizza crust and other wheat, rye and barley-containing foods.

The mission of the Warren Center is to advance the knowledge of Celiac Disease pathogenesis and to develop novel diagnostic and therapeutic advances through basic, translational and clinical research. The Center's Celiac Disease clinics at UCSD aim to provide state-of-the-art clinical care and education to adults and children with Celiac Disease. Education activities include increasing the medical and local community's knowledge about Celiac Disease through community lectures, outreach and nutrition classes. Center members include Martin F. Kagnoff, M.D., Professor of Medicine and Pediatrics, Emeritus who is the center director, Hilde Cheroutre, Ph.D., Member, La Jolla Institute for Allergy & Immunology and Associate Professor of Medicine, UCSD, and Michael Karin, PhD, Professor of Pharmacology at UCSD. Gregory Harmon, M.D., directs the Adult Celiac Clinic located at the UCSD Perlman Outpatient Center. Kimberly Newton, M.D., will join the Warren Center to direct the Pediatric Celiac Clinic at Children's Hospital in January 2008, coming from The Mount Sinai School of Medicine in New York City. Susan Algert, Ph.D., R.D., the center's nutritionist, offers patients nutrition counseling & medical nutrition therapy for Celiac Disease, as well as classes on "Living Healthy Gluten-Free".

The center's Scientific Advisory Board members include Lloyd F. Mayer, M.D., Professor of Medicine and Director, Immunobiology, Mt. Sinai Medical Center; Ludvig M. Sollid, M.D., Ph.D., Professor, Institute of Immunology University of Oslo, Norway; Chaitan Khosla, Ph.D., Professor of Chemistry, Stanford University; Bana Jabri, M.D., Ph.D., Professor of Pathology, University of Chicago; and D. Brent Polk, M.D, Professor of Pediatrics and Head, Division of Pediatric Gastroenterology, Vanderbilt University.

Community Advisory Board Members include Karen Fine, Founder of Gluten Free Foundation; Roxie Johnson, Founder of Gluten Free in San Diego; Danna Korn, Author and Founder of Raising Our Celiac Kids (R.O.C.K.) and Gluten Freedom; and Elaine Monarch, Founder of the Celiac Disease Foundation.

The Warren Center Research Lecture Series features recognized experts in the field throughout the year. Hans-Christian Reinecker, M.D, from Harvard Medical School and Massachusetts General Hospital recently gave the first lecture of the 2007-2008 series entitled "Immune Surveillance of Epithelial Interfaces."



Ludvig M. Sollid, M.D., Ph.D.

The William. K. Warren, Jr. Prize for Excellence in Celiac Disease Research is an award (\$25,000) presented annually to an individual whose research is judged to make a significant contribution to the field of Celiac Disease Research. The 2007 recipient of the award was Ludvig M. Sollid, M.D., Ph.D., Professor at the Institute of Immunology, University of Oslo, Norway. His lecture "A Journey Into Celiac Disease Research" was presented as part of a day-long research symposium held at UCSD in March 2007. Nominations for the 2008 Warren Prize are being accepted until December 10, 2007. Nominations are open to individuals from the United States and abroad. Significant accomplishments of the recipient may encompass basic, translational, and/or clinical research. The 2008 recipient will be selected by an expert scientific review committee. In February/March 2008, an award presentation will be held and the recipient will present their research as part of the 2007-2008 Warren Research Lecture Series at UCSD.

The Pilot Feasibility Award is a \$25,000 grant awarded to new investigators or established investigators who do not currently conduct research on Celiac Disease. The primary goal of the program is to provide awardees with funds to develop new Celiac Disease related research initiatives that will lead to submission of competitive grant applications. Details about each of these award programs and nomination/application instructions can be found on the center website at <http://celiaccenter.ucsd.edu>.

The center is actively involved in educational activities and events for the community. A community lecture entitled "What You Need to Know About Celiac Disease and the Gluten-free Diet" was held in September. Dr. Kagnoff presented on how Celiac Disease affects the body, Dr. Harmon covered diagnosis and treatment, and Dr. Algert discussed how to keep the disease under control with a gluten-free diet. The program was filmed and premiered on UCSD-TV on November 29 at 8:00 pm. Additional dates and times the program will air can be found on the center website, at <http://celiaccenter.ucsd.edu>. Dr. Algert has taught classes for adults and children with Celiac Disease on a number of topics, including "Living Healthy Gluten-Free" including label reading tips and how to identify hidden gluten, "No Gluten, No Problem: Getting the Nutrients You Really Need," and "Healthy Gluten-Free School and Party Ideas for Kids".

Martin F. Kagnoff, M.D., Chef Orion Billiet,  
and Susan Algert, Ph.D., R.D

In early November the center partnered with the fine dining restaurant Azul in La Jolla for a gluten-free cooking class. An audience of 20 watched and learned from talented Chef Orion Balliet as he demonstrated three gluten-free recipes that have been featured on the Azul menu. While Chef Orion prepared Roasted Butternut Squash & Caramelized Apple Soup, Quinoa, Chanterelle & Cabbage Stuffing, and Winter Cranberry & Almond Crisp with Vanilla Marscarpone, he provided the group with tips on eating out at fine dining establishments while still maintaining a strict gluten-free diet. Future classes will include gluten-free healthy eating guidelines for chocolate lovers in February, and a "hands-on" class for teens where they will learn more about what causes Celiac Disease and how to effectively manage day-to-day activities while maintaining their gluten-free diet.

Drs. Algert, Harmon and Kagnoff are starting a study in adult gluten-sensitive patients that will test the hypothesis that improved health literacy or knowledge of the gluten-free diet leads to better compliance and health outcomes. The study will be conducted at the Clinical Research Center outpatient facility on campus. A study conducted to evaluate the content and quality of medical information available to patients with Celiac Disease and gluten sensitivity on the internet is now being completed. Other collaborations on developing new biomarkers for disease have been initiated with the University of California, Santa Barbara. Initiation of a Celiac Disease database and registry is being developed in conjunction with bioinformatics faculty in the Department of Medicine at UCSD.



## Recent Division Publications

- **Carethers JM, Chung H, Tajima A.** DNA Mismatch Repair Competency Predicts 5-Fluorouracil Effectiveness on Patient Survival. In: *Intestinal Inflammation and Colorectal Cancer*. Proceedings of Falk Symposium #158, editors: C Gasche, M Gassul, JM Herrerias Gutierrez, E Monterio, and A Obrador. Kluwer Academic Publishers (Lancaster, UK), pp , 2007. (in press)
- **Iida T, Ogawa S, Hosoi K, Makino M, Fujimoto Y, Goto T, Mano N, Goto J, Hofmann AF.** Regioselective oxyfunctionalization of unactivated carbons in steroids by a model of cytochrome P-450: osmiumporphyrin complex/tert-butylhydroperoxide system. *J. Org. Chem* 2007;72:823-30.
- **Ogawa S, Hosoi K, Iida T, Wakatsuki Y, Makino M, Fujimoto Y, Hofmann AF.** Osmiumporphyrin Catalyzed Oxyfunctionalization and Isomerization of Natural (5 $\beta$ )-Bile Acids with tert-Butyl Hydroperoxide *Eur J Org Chem* (in press)
- **Jinich H.** Sintomas y Signos Cardinales de las Enfermedades, 4th Ed. 2006.
- **Abe K, Nguyen KP, Fine SD, Mo JH, Shen C, Shenouda S, Corr M, Jung S, Lee J, Eckmann L, Raz E.** Conventional dendritic cells regulate the outcome of colonic inflammation independently of T cells. *Proc Natl Acad Sci U S A.* 2007 Oct 23;104(43):17022-7.
- **Greten FR, Arkan MC, Bollrath J, Hsu LC, Goode J, Miething C, Goktuna SI, Neuenhahn M, Fierer J, Paxian S, Van Rooijen N, Xu Y, O'Cain T, Jaffee BB, Busch DH, Duyster J, Schmid RM, Eckmann L, Karin M.** NF-kappaB is a negative regulator of IL-1beta secretion as revealed by genetic and pharmacological inhibition of IKKbeta. *Cell.* 2007 Sep 7;130(5):918-31.
- **Hassanein TI, Tofteng F, Brown RS Jr, McGuire B, Lynch P, Mehta R, Larsen FS, Gorbein J, Stange J, Blei AT.** Randomized controlled study of extracorporeal albumin dialysis for hepatic encephalopathy in advanced cirrhosis. *Hepatology.* 2007 Dec;46(6):1853-62.
- **Sancho-Bru P, Bataller R, Fernandez-Varo G, Moreno M, Ramalho LN, Colmenero J, Mari M, Clària J, Jiménez W, Arroyo V, Brenner DA, Ginès P.** Bradykinin attenuates hepatocellular damage and fibrosis in rats with chronic liver injury. *Gastroenterology.* 2007 Dec;133(6):2019-28.
- **Buck M, Chojkier M, C/EBPbeta Associates With Caspase 8 Complex Proteins and Modulates Apoptosis in Hepatic Stellate Cells.** *J. Clin Gastroenterol.* 2007 Nov-Dec;21 (10 Suppl 3):S295-9.
- **Carethers JM,** Starting your first faculty position. *Gastrointest Endosc.* 2007 Dec;66(6):1186-7.
- **Weinstein MM, Pretorius DH, Jung S, Nager CW, Mittal RK.** Anatomic defects in the puborectalis muscle in women with fecal incontinence. *Ultrasound Obstet Gynecol.* 2007 Oct;30(4):637.
- **Weinstein MM, Pretorius DH, Nager CW, Mittal RK.** Inter-rater reliability of pelvic floor muscles imaging abnormalities with 3D ultrasound. *Ultrasound Obstet Gynecol.* 2007 Oct;30(4):538.
- **Chen ZJ, Kammer D, Bond JH, Ho SB.** Evaluating follow-up of positive fecal occult blood test results: lessons learned. *J. Healthc Qual.* 2007 Sep-Oct;29(5):16-20, 34.
- **Savides TJ, Donohue M, Hunt G, Al-Haddad M, Aslanian H, Ben-Menachem T, Chen VK, Coyle W, Deutsch J, DeWitt J, Dhawan M, Eckardt A, Eloubeidi M, Esker A, Gordon SR, Gress F, Ikenbeery S, Joyce AM, Klapman J, Lo S, Maluf-Filho F, Nick N, Singh V, Wills J, Behling C.** EUS-guided FNA diagnostic yield of malignancy in solid pancreatic masses: a benchmark for quality performance measurement. *Gastrointest Endosc.* 2007 Jul;66(1):7-10.
- **Training Committee of the American Society for Gastrointestinal Endoscopy, Vargo JJ, Ahmad AS, Aslanian HR, Buscaglia JM, Das AM, Desilets DJ, Dunkin BJ, Inkster M, Jamiidar PA, Kowalski TE, Marks JM, McHenry L Jr, Mishra G, Petrini JL, Pfau PR, Savides TJ.** Training in patient monitoring and sedation and analgesia. *Gastrointest Endosc.* 2007 Jul;66(1):7-10.
- **Savides TJ, Margolis D, Richman KM, Singh V.** Gemella morbillorum mediastinitis and osteomyelitis following transesophageal endoscopic ultrasound guided fine-needle aspiration of a posterior mediastinal lymph node. *Endoscopy.* 2007 Apr 18; [Epub ahead of print]
- **Møller HJ, Grønbaek H, Schiødt FV, Holland-Fischer P, Schilsky M, Munoz S, Hassanein T, Lee WM; U.S. Acute Liver Failure Study Group.** Soluble CD163 from activated macrophages predicts mortality in acute liver failure. *J Hepatol.* 2007 Nov;47(5):671-6.
- **Topazian M, Enders F, Kimmey M, Brand R, Chak A, Clain J, Cunningham J, Eloubeidi M, Gerdes H, Gress F, Jagannath S, Kantsevov S, LeBlanc JK, Levy M, Lightdale C, Romagnuolo J, Saltzman JR, Savides T, Wiersema M, Woodward T, Petersen G, Canto M.** Interobserver agreement for EUS findings in familial pancreatic-cancer kindreds. *Gastrointest Endosc.* 2007 Jul;66(1):62-7.
- **McCole DF, Barrett KE.** Varied role of the gut epithelium in mucosal homeostasis. *Curr Opin Gastroenterol.* 2007 Nov;23(6):647-54.
- **McCole DF, Truong A, Bunz M, Barrett KE.** Consequences of direct versus indirect activation of epidermal growth factor receptor in intestinal epithelial cells are dictated by protein-tyrosine phosphatase 1B. *J Biol Chem.* 2007 May 4;282(18):13303-15.
- **Kravetz D.** Prevention of recurrent esophageal variceal hemorrhage: review and current recommendations. *J. Clin Gastroenterol.* 2007 Nov-Dec;41(10 Suppl 3):S318-22
- **Melendez-Lopez SG, Herdman S, Hirata K, Choi MH, Choe Y, Craik C, Caffrey CR, Hansell E, Chavez-Munguia B, Chen YT, Roush WR, McKerrow J, Eckmann L, Guo J, Stanley SL Jr, Reed SL.** Use of recombinant Entamoeba histolytica cysteine proteinase 1 to identify a potent inhibitor of amebic invasion in a human colonic model. *Eukaryot Cell.* 2007 Jul;6(11):30-6
- **Zaph C, Troy AE, Taylor BC, Berman-Booty LD, Guild KJ, Du Y, Yost EA, Gruber AD, May MJ, Greten FR, Eckmann L, Karin M, Artis D.** Epithelial-cell-intrinsic IKK-beta expression regulates intestinal immune homeostasis. *Nature.* 2007 Mar 29;446(7135):552-6.
- **Dann SM, Eckmann L.** Innate immune defense in the intestinal tract. *Curr Opin Gastroenterol.* 2007 Mar;23(2):115-20.
- **Hassanein TI, Hilsabeck RC, Perry W.** Introduction to the Hepatic Encephalopathy Scoring Algorithm (HESA). *Dig Dis Sci.* 2007 Aug 21; [Epub ahead of print]

## Divisional Highlights...

- The Division wishes **Leslie Foley** well as she leaves the GI Division and joins the office of Academic Affairs on campus.
- Karen Kasser** has been appointed Executive Administrative Assistant for the Division of Gastroenterology, effective October 1, 2007. Karen will directly support the Division Chief in his duties as well as coordinate the newly-obtained Digestive Diseases Research Development Center, and supervise other administrative assistants in the Division.
- The GI Division welcomes **Rodney Key** as new Division Administrative Assistant in Hillcrest supporting Drs. Hassanein, Alpert, Selim and Kuo.
- DDW 2008 will be here in San Diego and we are currently making plans for a great Alumni Reception on **Sunday Evening, May 18, 2008** please hold that date.
- The **Annual Isenberg Lecture** will be held on January 22, 2008 at 5:00 pm in Garren Auditorium. This years speaker will be **Daniel Podolsky, M.D. from Massachusetts General Hospital/Harvard.**
- The UCSD Digestive Diseases Research Development Center will commence in December 2007 to support the Division's basic research programs. There are 28 inaugural members of the Center spanning 6 Departments in the School of Medicine, and funding of the Center is through 2012.
- The GI Division will hold its 2<sup>nd</sup> annual Research Retreat on **Saturday, February 23, 2008** at the Eucalyptus Point Conference Center on UCSD's La Jolla Campus. The theme is Infection, Inflammation, and IBD, and will feature local and outside speakers on basic and clinical research. The theme directly ties into the theme for the Division's new Digestive Diseases Center that commences in December 2007. RSVP at [kkasser@ucsd.edu](mailto:kkasser@ucsd.edu).
- The GI Division is updating its website. Please stay tuned as it develops at [gastro.ucsd.edu](http://gastro.ucsd.edu) Which should be by January 2008.

## Awards and Honors...

- Dr. Horacio Jinich was awarded the 2006 Leonard Tow Humanis Award in Medicine
- Dr. Horacio Jinich awarded the 2007 UCSD School of Medicine membership in the Gold Humanism Society.
- Dr. Bob Lee was awarded a Quality Endoscopy Research Grant from ASGE for \$50,000, commencing July 2008.
- Dr. Derek Patel was awarded a 3 month educational rotation in IBD at Cedars Sinai Medical Center in Los Angeles, from January to March 2008.
- Dr. Kim Barrett will be named a 2008 Outstanding AGA Women in Gastroenterology, presented at DDW 2008 by AGA Foundation.
- Dr. Horacio Jinich in 2007 became a fellow of the American Gastroenterological Association



2007–2008 UCSD Division of Gastroenterology

### Organization Statement

The UCSD GI Division will provide the best clinical care to those afflicted with gastrointestinal and liver diseases, investigate at the clinical and basic levels the best way to improve those diseases, and educate trainees on how to best approach the care of patients with those diseases. The UCSD GI Division will strive to be nationally recognized through its faculty as well as innovations that will improve the care of patients with gastrointestinal and liver diseases nationwide.

The UCSD GI Division was founded in 1970 by Henry Wheeler, M.D. who served as its first Division Chief. Later, Jon I. Isenberg, M.D. led the Division from 1979 to 1993, followed by C. Richard Boland, M.D. from 1995 to 2003, and currently by John M. Carethers, M.D., since 2004. The GI fellowship Training Program commenced in 1974 and the NIH Training Grant was initially funded in 1976. The Division has trained several local gastroenterologists in San Diego, as well as developed several academicians at University-based medical schools, including some with leadership and administrative positions.

#### MAIN CAMPUS—GI ACADEMIC OFFICES

Division of Gastroenterology  
9500 Gilman Drive—0063  
La Jolla, CA 92093-0063

UC303  
Tel: (858) 534-2757  
FAX: (858) 534-3338

MEDICAL CENTER HILLCREST  
200 West Arbor Drive—8413  
San Diego, CA 92103

350 Dickinson Street, Suite 342  
Tel: (619) 543-3622  
Fax: (619) 543-2766

#### THORNTON HOSPITAL

9300 Campus Point  
La Jolla, CA 92037  
TEL: (858) 657-7000

#### VETERANS ADMINISTRATION MEDICAL CENTER

GASTROENTEROLOGY CENTER  
3350 La Jolla Village Drive  
San Diego, CA 92161

TEL: (858) 552-8585 x2631  
FAX: (858) 552-4327

Information concerning this newsletter or requests for additional copies can be directed to Olivia Hernandez at [ohernandez@ucsd.edu](mailto:ohernandez@ucsd.edu) or (858) 534-2757.

**Please visit our website at:**  
**<http://gastro.ucsd.edu>**