The NASPGHAN-Mead Johnson Research Forum for Pediatric Gastroenterologists is the final in a series of annual conferences designed to contribute to career development of subspecialty residents in pediatric gastroenterology, hepatology and nutrition. The three goals for the conference are to:

- Provide a forum for presentation of research abstracts by subspecialty residents that encourages constructive feedback and analysis by a team of experienced researchers;
- Instruct, coach and mentor the attendees in academic career development by didactic presentation and individual interaction with faculty;
- Facilitate intellectual and social interchange among all attendees.

**NASPGHAN MISSION:**
The mission of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition is to *advance* understanding of normal development, physiology and pathophysiology of diseases of the gastrointestinal tract and liver in children, *improve* quality of care by fostering the dissemination of this knowledge through scientific meetings, professional and public education, and policy development, and *serve* as an effective voice for members and the profession.

**NASPGHAN Foundation MISSION:**

- To fund and promote research and educational programs that will advance the creation, application, and dissemination of knowledge of gastrointestinal, hepatobiliary, pancreatic and nutritional disorders in children.
- To identify, encourage, support, and coordinate scientific research and professional study of these pediatric disorders.
- To strengthen the role of pediatric gastrointestinal and nutritional scientists as leaders in research and education in these medical and health care fields.
- To evaluate and improve the quality and availability of medical care for children with digestive disorders.
- To support the research and educational programs of NASPGHAN.
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Thursday, January 19, 2011

5:00 P  RECEPTION

5:30 P  WELCOME, ORIENTATION and INTRODUCTIONS

BEGINNING THE FIRST JOB IN YOUR CAREER
MODERATOR: Sohail Husain MD

5:45 P  FACULTY PRESENTATION:
Thinking about your career strategically – Nicola Jones, MD, PhD

6:15 P  DINNER and PANEL DISCUSSION:
Making the transition from fellowship to your first job
PANELISTS: Nicola Jones, Neera Gupta, Sudipta Misra

6:45 P  DINNER
7:30 A  CONTINENTAL BREAKFAST

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**ABSTRACT SESSION I**  
MODERATOR: Sohail Husain

8:00 A  PARAOXONASE GENE EXPRESSION IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE  
Razan Alkhouri  
Reviewer: Preeti Viswanathan

8:12 A  MTG16 IS A TUMOR SUPPRESSOR IN COLITIS ASSOCIATED CARCINOMA  
Elizabeth McDonough  
Reviewer: Emily Rothbaum Perito

8:24 A  DEVELOPING A MODEL TO STUDY INTESTINAL TRANSIT IN DROSOPHILA BY DECREASING EXPRESSION OF L-TYPE CALCIUM CHANNELS IN THE VISCERAL MUSCULATURE  
Kate Buzzi  
Reviewer: Ramya Ramraj

8:36 A  CALCIUM-SENSING RECEPTOR INHIBITS SECRETAGOGUE-INDUCED ELECTROLYTE SECRETION BY INTESTINE VIA THE ENTERIC NERVOUS SYSTEM  
Sam Cheng  
Reviewer: Sindy Ledesma

8:48 A  TIS7 DELETION REDUCES SURVIVAL AND BODY WEIGHT RECOVERY IN MICE FOLLOWING 50% SMALL BOWEL RESECTION  
Amy Garcia  
Reviewer: Sonal Desai

9:00 A  INVESTIGATION OF CELL FATE DECISIONS OF ENTEROENDOCRINE CELLS  
Natalie Terry  
Reviewer: Ozlem Bulut

9:12 A  CASE REPORT: COLORECTAL CARCINOMA AT DIAGNOSIS OF UC IN A 17 YEAR OLD  
Brigitte Moreau  
Reviewer: Elizabeth Yu

9:24 A  ADAM10 IS ESSENTIAL FOR INTESTINAL CRYPT HOMEOSTASIS  
Rhia Bhatt  
Reviewer: Dean Yimlamai

9:36 A  FACULTY PRESENTATION:
Choosing an academic career – John Barnard, MD

ABSTRACT SESSION II
MODERATOR: Colin Rudolph

10:30 A  PANCREATIC DAMAGE IN A CYSTIC FIBROSIS PIG MODEL INVOLVES THE ACTIVATION OF PROINFLAMMATORY PATHWAYS
Maisam Abu-El-Haija
Reviewer: Henry Lin

10:42 A  MIRNA REGULATORY PATHWAYS IN EOSINOPHILIC ESOPHAGITIS
Calies Menard-Katcher
Reviewer: Frank DiPaola

10:54 A  LONGITUDINAL EVALUATION OF A NON-INVASIVE BIOMARKER PANEL FOR EOSINOPHILIC ESOPHAGITIS
Steve Min
Reviewer: Yvette Wild

11:06 AM  ROLE OF ANTIMICROBIAL PEPTIDES IN EOSINOPHILIC ESOPHAGITIS
Shauna Schroeder
Reviewer: Eduardo Rosas-Blum

11:18 AM  INVERSE CORRELATION BETWEEN HELICOBACTER PYLORI (HP) COLONIZATION AND OBESITY IN A COHORT OF INNER-CITY CHILDREN.
Sridhar Goli
Reviewer: Lillienne Chan

11:30 AM  ENTERAL ZINC SUPPLEMENTATION IMPROVES WEIGHT GAIN IN EXTREMELY LOW BIRTH WEIGHT INFANTS
Ala Shaikhkhalil
Reviewer: Marialena Mouzaki

11:42 AM  DELINEATING BIOACTIVE MICROBES FROM A BENEFICIAL FERMENTED MILK PRODUCT IN A MOUSE MODEL OF IBD
Sonia Ballal
Reviewer: Lori Zimmerman

11:54 AM  FACULTY PRESENTATION:
Pearls in publishing and other helpful tips - Neera Gupta, MD

12:20 P  LUNCH

1:30 P  FREE TIME

4:45 P  RECEPTION
5:00 P  SAFETY AND TOLERANCE OF A 2-MONTH COURSE OF LACTOBACILLUS REUTERI AND EFFECTS ON CIRCULATING SERUM AND FECAL BIOMARKERS IN HEALTHY ADULTS
Nisha Mangalat
Reviewer: Angela Shannon

5:12 P  CITRULLINE LEVEL AS A PREDICTOR OF TPN INDEPENDENCY IN CHILDREN WITH SHORT BOWEL SYNDROME
Pablo Palomo
Reviewer: Jonathan Moses

5:24 P  SHORT COURSE, SINGLE-DOSE POLYETHYLENE GLYCOL 3350 REGIMEN FOR COLONOSCOPY BOWEL PREPARATION IN CHILDREN
Mazen Abbas
Reviewer: Clifton Huang

5:36 P  EVALUATING GASTROINTESTINAL PERMEABILITY DURING IRRITABLE BOWEL SYNDROME AND FUNCTIONAL DYSPEPSIA IN PEDIATRIC PATIENTS AND THEIR FAMILY
Virginia Baez-Socorro
Reviewer: Elisa Gaona

5:48 P  HIGH RESOLUTION MANOMETRY: USING PRESSURE TOPOGRAPHY PLOTS TO EVALUATE PEDIATRIC COLON MOTILITY
Khalil El-Chammas
Reviewer: Thomas Flass

6:00 P  POST-TRANSCRIPTIONAL CONTROLS IN GASTROINTESTINAL GENE EXPRESSION
Louis Ghanem
Reviewer: Dana Dykes

6:12 P  NOVEL ROLE OF PD-L1 IN REGULATING T CELL HOMING TO THE SMALL INTESTINE
Mikelle Bassett
Reviewer: Jennifer Dotson

6:24 P  TRPA1 PROMOTES ACTIVATION-INDUCED CELL DEATH IN MAST CELLS BY THYMOL
Joshua Wechsler
Reviewer: Razan Alkhouri

6:36 P  FACULTY PRESENTATION
Grant writing made easy - Sohail Husain
7:00 P  DINNER AND PANEL DISCUSSION
Moving Up the Academic Ladder: Funding, papers, promotions
Moderator: John Barnard
Panelists: Sohail Husain, Nicola Jones, Rob Squires, Colin Rudolph
SATURDAY, JANUARY 21, 2011

7:30 A  CONTINENTAL BREAKFAST with the NASPGHAN/FOUNDATION Leadership

ABSTRACT SESSION IV
MODERATOR: Sudipta Misra

8:00 AM  VARIATION IN MANAGEMENT OF INTRA-ABDOMINAL ABSCESSES IN CHILDREN WITH CROHN’S DISEASE
Jennifer Dotson
Reviewer: Joshua Wechsler

8:12 A  GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR (GM-CSF) AUTO-ANTIBODIES AND LUMINAL NARROWING ON ENTEROGRAPHY IN PEDIATRIC CROHN’S DISEASE
Dana Dykes
Reviewer: Elizabeth McDonough

8:24 A  CIRRHOSIS IN CHILDREN WITH CYSTIC FIBROSIS: LINKS TO INTESTINAL INFLAMMATION, PERMEABILITY, AND ALTERATIONS OF THE MICROBIOME
Thomas Flass
Reviewer: Kate Buzzi

8:36 A  A 20-YEAR MEXICAN EXPERIENCE IN PEDIATRIC INFLAMMATORY BOWEL DISEASE
Elisa Gaona
Reviewer: Sam Cheng

8:48  A VSIG4/Z39IG, AN INHIBITORY B7 SUPERFAMILY MEMBER, IS DOWN-REGULATED IN THE INTESTINAL MUCOSA FROM INFLAMMATORY BOWEL DISEASE PATIENTS
Clifton Huang
Reviewer: Amy Garcia

9:00 A  HEPATITIS B IMMUNITY AND RESPONSE TO BOOSTER IMMUNIZATION IN CHILDREN WITH INFLAMMATORY BOWEL DISEASE TREATED WITH INFliximAB
Jonathan Moses
Reviewer: Natalie Terry

9:12 A  ILEAL POUCH-ANAL ANASTOMOSIS IN A LARGE COHORT OF PEDIATRIC PATIENTS WITH ULCERATIVE COLITIS: LONG-TERM OUTCOME FROM A SINGLE CENTER EXPERIENCE
Angela Shannon
Reviewer: Brigitte Moreau
9:24 A  THE EFFECT OF FUNCTIONAL ABDOMINAL PAIN ON PERCEIVED DISEASE SEVERITY IN PEDIATRIC CROHN DISEASE  
Lori Zimmerman  
Reviewer: Rhia Bhatt

9:36 A  MODELING LIVER DISEASE OUTCOME IN AN INTERNATIONAL MULTI-CENTER COHORT OF ALAGILLE SYNDROME PATIENTS  
Marialena Mouzaki  
Reviewer: Maisam Abu-El-Haija

9:48 A  FACULTY PRESENTATION: Industry-coordinated research - Colin Rudolph

10:15 A  BREAK

ABSTRACT SESSION V  
MODERATOR: Rob Squires, MD

10:30 A  COMM1 IS AN ANTI-INFLAMMATORY GENE THAT PROTECTS AGAINST COLITIS  
Lillienne Chan  
Reviewer: Calies Menard-Katcher

10:42 A  IS NON-SPECIFIC GASTRIC INFLAMMATION ASSOCIATED WITH PROLONGED USE OF PROTON PUMP INHIBITORS?  
Eduardo Rosas-Blum  
Reviewer: Steve Min

10:54 A  DIETARY INTAKE, NOT ORAL HYGIENE, IS ASSOCIATED WITH LOCATION OF DENTAL EROSION IN CHILDREN WITH GASTROESOPHAGEAL REFLUX  
Yvette Wild  
Reviewer: Shauna Schroeder

11:06 A  PERIBILIARY GLANDS ELONGATE TO FORM THREE-DIMENSIONAL EPITHELIAL NETWORKS WITHIN THE WALL OF EXTRAHEPATIC BILE DUCTS AND PROLIFERATE IN RESPONSE TO INJURY.  
Frank DiPaola  
Reviewer: Sridhar Goli

11:18 A  MODELING LIVER DISEASE IN ALAGILLE SYNDROME WITH INDUCED PLURIPOTENT STEM CELLS  
Henry Lin  
Reviewer: Ala Shaikhkhalil

11:30 A  HIPPO SIGNALING INFLUENCES LIVER CELL FATE  
Dean Yimlamai  
Reviewer: Sonia Ballal
A CLASS I SPECIFIC HISTONE-DEACETYLASE INHIBITOR UPREGULATES BETA-OXIDATION GENE EXPRESSION AND DECREASES PRO-FIBROGENIC CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION IN HEPATOCYTES

Elizabeth Yu
Reviewer: Nisha Mangalat

FACULTY PRESENTATION
Research in a community-based setting - Sudipta Misra

ABSTRACT SESSION VI
MODERATOR: Rob Squires, MD

HEPATIC STEATOSIS RESULTING IN PORTAL HYPERTENSION IN THE ABSENCE OF CIRRHOSIS
Ozlem Bulut
Reviewer: Pablo Palomo

IMPACT OF PARAOXONASE 1 (PON1) IN PEDIATRIC NON-ALCOHOLIC STEATOHEPATITIS (NASH) LIVERS
Sonal Desai
Reviewer: Mazen Abbas

LABORATORY AND CLINICAL FINDINGS IN PEDIATRIC PATIENTS WITH GLYCOGEN STORAGE DISEASE. SERIES OF 8 CASES.
Sindy Ledesma
Reviewer: Virginia Baez Socorro

NEED FOR DIALYSIS FOLLOWING PEDIATRIC LIVER TRANSPLANTATION AS A FUNCTION OF PRE-OPERATIVE GFR AND INTRA-OPERATIVE FLUID LOAD
Ramya Ramraj
Reviewer: Khalil El-Chammas

OVERWEIGHT AND OBESITY IN PEDIATRIC LIVER TRANSPLANT RECIPIENTS: PREVALENCE AND PREDICTORS BEFORE AND AFTER TRANSPLANT, UNITED NETWORK FOR ORGAN SHARING DATA, 1987-2010
Emily Rothbaum Perito
Reviewer: Louis Ghanem
6:32 P  INVOLVEMENT OF ATAXIA TELANGIECTASIA MUTATED (ATM) SIGNALING PATHWAYS IN ACETAMINOPHEN (APAP)-INDUCED HEPATOTOXICITY OFFERS THERAPEUTIC OPPORTUNITIES FOR ACUTE LIVER FAILURE (ALF)
Preeti Viswanathan
Reviewer: Mikelle Bassett

6:45 P  FACULTY PRESENTATION
Coordinating clinical research - Rob Squires

7:15 P  DINNER AND PANEL DISCUSSION
Balancing your various roles
Moderator: Neera Gupta
Panelists: John Barnard, Nicola Jones, Sudipta Misra, Rob Squires