

**1 IN 3 PATIENTS  
IS MALNOURISHED.  
YOU CAN HELP THEM.  
BE THE CHANGE  
WE NEED.**

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**CLINICAL  
NUTRITION  
WEEK 2016**

**JANUARY 16-19, 2016 | AUSTIN, TX**

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**PRELIMINARY  
PROGRAM**

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**CLINICAL  
NUTRITION  
WEEK 2016**

**EXPAND YOUR  
KNOWLEDGE.**

**TAKE ON  
MALNUTRITION.**

**ENHANCE  
PATIENT SAFETY.**

**CNW16 IS THE ONE  
CONFERENCE YOU CANNOT  
AFFORD TO MISS.**

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# YOUR CNW EXPERIENCE

CNW is the premier forum for clinical nutrition research and education.

Be the first to hear the latest research, advances, and technologies.

Learn how you can enhance patient safety.

Discuss trends with industry thought leaders.

Network with a peerless group of experts from all over the globe.

CNW offers a unique experience from beginning to end and provides critical information you can't find anywhere else.

## RESEARCH AT CNW16

Cutting-edge research is an important theme woven into CNW's world-class educational sessions.

Come to Austin and join A.S.P.E.N. at the forefront of clinical nutrition and metabolic research. Connect with the clinicians and researchers who are influencing your practice and your patients' lives, starting with the Research Workshop, "Fat Emulsions and Protein Delivery to the Critically Ill Patient" on Saturday, January 16.

Not only will you see the future of your field, you will also learn how to apply this vital information on a day-to-day basis.

## A.S.P.E.N.: YOUR PROFESSIONAL HOME

Attend CNW to make valuable connections with colleagues you can reach out to throughout the year, gain fresh perspectives, and return to your practice setting with new ideas that you can immediately apply to your patient care.

This is an extraordinary opportunity to meet and collaborate with interdisciplinary clinicians as well as those in your specific practice or specialty. No other conference in the U.S. provides this type of access and audience.

## CNWEXPO: THE GLOBAL MARKETPLACE FOR CLINICAL NUTRITION INFORMATION AND INNOVATION

The CNWExpo is the largest exhibition of stakeholders who are directly impacting the way you provide patient care. This is an excellent way to network with your colleagues, establish new professional relationships, and keep yourself current by learning firsthand about the ever-evolving clinical nutrition marketplace.

The CNWExpo in Austin will feature:

- ▶ The latest clinical nutrition products, resources, and services on the market.
- ▶ The Central Stage: Attend exciting, live presentations throughout the day on Sunday and Monday.
- ▶ Lunch: Complimentary for all registered attendees on Sunday and Monday.
- ▶ Poster presentations of current research.
- ▶ And more!



# DISCOVER AUSTIN

## AUSTIN, TEXAS... THE LIVE MUSIC CAPITAL OF THE WORLD!

Join your international, interdisciplinary colleagues in vibrant Austin, TX, one of the U.S.'s most popular and engaging cities.

Come for the education, stay for the experience! Austin offers everything you're looking for:

### LIVE MUSIC

**No matter where you go in Austin, you are likely to hear amazing live music.** From grocery stores to city council meetings, outdoor areas to coffeehouses, bars to auditoriums—you **won't be able to escape the music.** You'll get your first taste of the true Austin experience upon your arrival at the airport, as talented musicians are located throughout the terminals.



### WORLD-CLASS MUSEUMS



Educational opportunities exist everywhere in Austin—not just at CNW! **Learn about Texas history at The Bullock Museum, celebrate culture at the Mexic-Arte Museum and the Carver Museum, and appreciate art at the Blanton and the Harry Ransom Center.** For more adventurous CNW attendees, the Cathedral of Junk may be the most intriguing tourism destination.

### ONE-OF-A-KIND SHOPPING

Austin is home to some of the most unique and eccentric boutiques you will ever find. **Visit the Second Street District and The Domain to purchase special items you can't go home without.**



**Don't forget to purchase a pair of authentic cowboy boots from Allen's Boots while you're in Texas!**



## OUTDOOR SPORTS AND ACTIVITIES



Once you visit Austin, you will understand why it is often ranked one of the fittest cities in the U.S. **Every type of outdoor activity is offered—cycling, stand-up paddle boarding, water-biking, canoe-paddling, hiking, and yoga, among many others.** And don't miss the Barton Springs Pool, a natural spring-fed watering hole that's 3 acres and always comfortable at 68 degrees.

## EXTRAORDINARY FOOD

Tex-Mex is just one of Austin's many culinary specialties. Looking for barbeque? What about classic American home cooking? And who can forget about gourmet doughnuts? You'll find excellent food all over the city. Also, **be on the lookout for Austin's famous food trucks which offer a wide variety of food, from cupcakes to "artisanal grilled cheese" to lobster rolls and New England Clam Chowder.**



Visit [www.austintexas.org](http://www.austintexas.org) to see the many things this wonderful city has to offer.

## TRAVELING TO AUSTIN



**Named "Best Domestic Airport" in the U.S., Austin-Bergstrom International Airport (ABIA) is easily accessible from over 45 cities** including international locations such as London, Mexico City, Cancun, and San Jose Del Cabo.

If you want to explore more of Texas during your trip, consider flying into San Antonio (SAT), Houston (HOU), or Dallas (DFW) and then taking a scenic drive to Austin.



SCHEDULE-  
AT-A-GLANCE

FRIDAY, JANUARY 15

4:00 PM – 7:00 PM	Registration
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SATURDAY, JANUARY 16

6:00 AM – 7:30 PM	Registration
7:00 AM – 4:00 PM	Pre-conference Courses
1:30 PM – 3:30 PM	Corporate Satellite Symposia
4:30 PM – 5:45 PM	President’s Address
5:45 PM – 7:30 PM	CNWExpo Grand Opening Night Reception
7:30 PM – 9:00 PM	Corporate Satellite Symposia

SUNDAY, JANUARY 17

6:00 AM – 7:30 AM	Corporate Satellite Symposia
7:00 AM – 6:00 PM	Registration
8:00 AM – 9:15 AM	Keynote Address
9:15 AM – 2:00 PM	CNWExpo (Lunch in Expo 12:00 – 2:00 PM) Central Stage Presentations Poster Presentations (1:00 – 2:00 PM)
10:30 AM – 12:30 PM	Educational Sessions
2:00 PM – 3:30 PM	Educational Sessions
4:00 PM – 6:00 PM	Educational Sessions
5:45 PM – 7:00 PM	Section Community Forums
7:00 PM – 9:00 PM	Corporate Satellite Symposia

MONDAY, JANUARY 18

6:00 AM – 7:30 AM	Corporate Satellite Symposia
7:00 AM – 6:00 PM	Registration
8:00 AM – 10:00 AM	Dudrick Research Symposium
10:00 AM – 2:30 PM	CNWExpo (Lunch in Expo 12:00 – 2:00 PM) Central Stage Presentations Poster Presentations (1:30 – 2:30 PM)
10:30 AM – 12:30 PM	Premier Paper Session & Vars Award Competition
2:30 PM – 4:00 PM	Educational Sessions
4:15 PM – 5:45 PM	Educational Sessions
5:45 PM – 7:00 PM	Section Community Forums
7:00 PM – 9:00 PM	Corporate Satellite Symposia

TUESDAY, JANUARY 19

6:00 AM – 7:30 AM	Corporate Satellite Symposia
6:45 AM – 8:00 AM	Section Community Forums
7:00 AM – 12:00 PM	Registration
8:00 AM – 9:15 AM	Rhoads Research Lecture
9:45 AM – 11:15 AM	Educational Sessions
12:30 PM – 2:00 PM	Educational Sessions
2:30 PM – 4:00 PM	Educational Sessions
4:00 PM	CNW Concludes



# PRE-CONFERENCE COURSES\*

## SATURDAY, JANUARY 16, 2016

### 7:00 AM–4:00 PM

#### PN Order Writing Workshop (PNW-2016) 🗣️

##### DESCRIPTION

The workshop is designed to train clinicians to assess a patient requiring parenteral nutrition (PN) and subsequently initiate and manage the PN therapy for that patient. The workshop will be offered in two sessions. The first will emphasize the basic concepts of PN order writing and management and the second will allow for application of the knowledge gained through work in small groups with faculty experts.

**Workshop capacity is limited to 40 participants.** This small class size will be optimal for hands-on learning to ensure each participant completes the course with improved skills in creating and managing PN orders.

##### LEARNING OBJECTIVES

1. Create and write a PN formula according to the patient's nutrition assessment
2. Create a safe PN formula order per compounding and stability limits
3. Identify potential nutrient interactions in a PN solution and adjust the PN order accordingly
4. Manage PN in a patient from initiation to achieving the goal rate and beyond
5. Manage electrolytes in PN in the face of abnormal patient laboratory values and medications
6. Manage PN while accounting for differences in patient diagnoses and age

##### FACULTY

M. Petrea Cober, PharmD, BCNSP  
Jessica Monczka, RD, LDN, CNSC  
Ainsley M. Malone, MS, RD, LD, CNSC, FAND, FASPEN  
Karrie Derenski, PharmD, BCNSP, CNSC

##### MODERATOR

Karrie Derenski, PharmD, BCNSP, CNSC

**LEARNING LEVEL:** Basic

**UAN:** 0216-0000-16-007-L04-P

**CE CREDIT:** 8 hours

### 7:00 AM–4:00 PM

#### Nutrition Support Fundamentals and Review Course (NSFRC-2016) 🗣️

##### DESCRIPTION

A.S.P.E.N.'s Nutrition Support Fundamentals and Review Course (NSFRC) provides an overview of nutrition support therapy that can be used as a tool for helping you identify personal knowledge gaps. Whether you are preparing for the certification examinations or seeking additional professional growth in nutrition support, recognizing these knowledge gaps allows you to use your professional development time and energy more effectively. In addition to providing a thorough review of core nutrition support topics such as nutrition assessment and nutrient deficiencies, parenteral nutrition, enteral nutrition, fluids and electrolytes, and pediatrics, the NSFRC will also highlight specialty areas of nutrition support such as home care, critical care, gastrointestinal disorders, ethics, and statistics. Don't miss this invaluable nutrition support-focused course!

##### LEARNING OBJECTIVES

1. Assess personal knowledge of nutrition support and identify areas requiring further study for the nutrition support specialty certification examination or other professional growth
2. Review core nutrition support topics including nutrient deficiencies, pediatric nutrition support, parenteral and enteral nutrition, and fluids and electrolytes
3. Highlight specialty areas of nutrition support such as home care, critical care, ethics, statistics, and gastrointestinal disorders

##### FACULTY & TOPICS

Visit [www.nutritioncare.org/cnw](http://www.nutritioncare.org/cnw) for up-to-date information.

### PLANNING COMMITTEE

Antoinette Neal, RN, CRNI, CNSC, VA-BC  
(Chair)

Connie Brewer, RPh, BCNSP (Co-Chair)

Katie Braun, MS, RD, CNSC

Todd Canada, PharmD, BCNSP, FASHP

Whitney Christie, MS, RD, CNSC

Andria Coleman, MS, MBA, RD, CDN

Caitlin Coughlin, RD

Stephanie Cutrell, MS, RD, LDN, CNSC

Lindsay Frank, RD, CNSC

Molly Goggans, RD, LDN, CNSC

Shanna Jo Hager, PharmD, BCNSP

Elizabeth Hamilton, RD

Theresa Johnston, FNP-C, CNSC

Kelly Kleckner, RD, LDN, CNSC

Matthew Knoth, PharmD, BCPS, BCNSP, CNSC

Emily LaRose, MS, RD, CNSC, CSP

Tiaisha Myers, MS, RD

Amy Ralph, MS, RD, CNSC, CSO, CDN

Carol Rollins, MS, RD, PHARM, D, CNSC, BCNSP

Emily Simaitis, RD, LDN, CNSC

Jennifer Tomesko, CNSC, DCN, RD

Gitanjali Vidyarthi, MD

Jing Zuo, RD, CNSC

**LEARNING LEVEL:** Basic

**UAN:** 0216-0000-16-003-L04-P

**CE CREDIT:** 8 hours

### 7:30 AM–4:00 PM

#### Research Workshop: Fat Emulsions and Protein Delivery to the Critically Ill Patient (RW-2016)

**Planned in collaboration with the Society of Critical Care Medicine.**

##### DESCRIPTION

*Morning Session*

*The Use of New and Traditional IV Fat Emulsions in the Critically Ill Patient Population*

Several intravenous fat emulsions are available for clinical use in nutrition support, however, rigorous clinical trials to support use of specific formulations under specific conditions is still lacking. Fat emulsions used for nutrition support can potentially influence cellular functions, inflammatory mediators and whole body metabolism. For example, omega-3 polyunsaturated fatty acids (PUFAs) can alter synthesis of lipid mediators (e.g. resolvins, protectins) and modulate other inflammatory and immunologic processes.

Mechanistic pathways through which these and other long-chain fatty acids may influence cell functions through cell membranes or other means are not clear. Therefore, further knowledge on the metabolic impact (glucose and lipid metabolism) and cellular effects of the various current lipid emulsions in catabolic/inflammatory

**Continued on next page**



🗣️ Pediatric Content

🖥️ Virtual Conference Session

🗣️ Spanish Translation

**REGISTER ONLINE AT [WWW.NUTRITIONCARE.ORG/CNW](http://WWW.NUTRITIONCARE.ORG/CNW)**

\*Pre-conference courses require a separate registration.

🗣️ Pediatric Content

🖥️ Virtual Conference Session

🗣️ Spanish Translation

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\*Pre-conference courses require a separate registration.

# PRE-CONFERENCE COURSES\*

## SATURDAY, JANUARY 16, 2016

### Research Workshop, continued

states is particularly needed. Given the importance of IV fat emulsions in current ICU care and the need for rigorous comparative effectiveness research comparing different formulations (and biomarkers for their efficacy and impact on metabolism), a review of the current state of clinical science with IV fat emulsions and directions for needed future research is critically needed. Thus the objective of the morning research session is to focus on metabolomics/lipidomics as a new biomarker discovery science for personalized medicine in the ICU, explore the impact of omega-3 PUFA on specialized lipid mediators and inflammation, critically review the published clinical and metabolic data on low-soy-based fat emulsions versus the long-standing soybean-oil-based emulsions, examine the impact of different lipid emulsions on cellular structure and function, and rigorously examine the data behind existing guideline for administration fat emulsions in critical care. All speakers will discuss strengths and limitations of the existing literature on their topic and present suggested directions and designs for new clinical and translational research in use of IV fat emulsions in ICU settings.

### LEARNING OBJECTIVES

1. Summarize the potential utility of new high-resolution lipidomics/metabolomics in personalized medicine and biomarker development in critical care.
2. Describe the impact of omega-3-fatty acids on endogenous lipid mediators relevant to infection and inflammation
3. Outline the impact of different IV fat emulsions on whole body metabolic pathways and cellular/organ structure and function (in gut, liver)
4. Explain the clinical research basis behind the development as well as current clinical utilization of the various different IV fat emulsions, strengths and limitations of existing clinical research, and needed directions for future clinical research.
5. Evaluate the current IV fat emulsion administration guidelines and what research is needed to solidify these going forward.

### Afternoon Session

*The Optimal Dose of Protein Provided to Critically Ill Patients: How Do We Know When Enough Is Enough?*

Recent literature has created considerable confusion about the optimal amount of protein/amino acids that should be provided to the critically ill patient. In fact, the evidentiary basis that directly tries to answer this question is relatively small. As a clinical nutrition research community, there is an urgent need to develop the optimal methods to assess the impact of exogenous protein/amino acid administration in the ICU setting. That assessment can be conducted at various levels: 1) impact on stress response pathways; 2) impact on muscle synthesis and protein balance; 3) impact on muscle mass and function; and 4) impact on patient's recovery. The objective of this research workshop is to review current literature relating protein/amino acid administration in the critically ill patient and clinical outcomes and discuss key measurement and methodological features of future studies that should be done to inform the optimal protein/amino acid dose provided to critically ill patients.

### LEARNING OBJECTIVES

At the end of this workshop, attendees will be able to:

1. Evaluate the current basic science and clinical studies dealing with protein delivery in critically ill patient.
2. Summarize the influence on exogenous protein administration on whole body protein kinetics and stress response pathways in critically ill patients.
3. Assess, monitor, and identify patients with low skeletal muscle mass and the influence of exogenous protein on muscle mass.
4. Outline how muscle mass influences functional recovery and the influence of protein administration on functional recovery.
5. List key methodological and practical issues in designed protein dosing studies in critically ill patients.

### FACULTY & TOPICS

*Applications of Lipidomics and Metabolomics in Critical Illness*  
Thomas Ziegler, MD

*Omega-3 PUFAs and Specialized Lipid Mediators During Catabolic States*  
Philip C. Calder, BSc(Hons), PhD, DPhil, RNutr, FSB, FAFN

*Are Low-Soybean Oil-Based Lipid Emulsions Superior in Critical Care?*  
Douglas L. Seidner, MD

*Influence of Lipid Emulsion Type and Cell Structure and Function in Catabolic States*  
Douglas Burrin, PhD

*Current Guidelines for Dosing and Administration of Lipid Emulsions in Critical Care*  
Bruce R. Bistrian, MD, PhD

*Review of Clinical Studies Evaluating Protein/Amino Acid Dose and Outcomes in the ICU*  
Daren Heyland, MD, RFCPC, MSC

*Understand the Influence on Exogenous Protein Administration on Whole Body Protein Kinetics and Stress Response Pathways in Critically Ill Patients*  
Olav Rooijackers, PhD

*How to Measure Skeletal Muscle Mass in the ICU Setting and the Influence of Protein Delivery on Muscle Mass*  
Marina Mourtzakis, PhD, BSc, Bkin

*Nutrition and Exercise*  
Renee Stapleton, MD, PhD

**LEARNING LEVEL:** Advanced  
**UAN:** 0216-9999-16-001-L01-P  
**CE CREDIT:** 6.5 hours

Funding for this conference was made possible (in part) by 1 R13 DK 105657-01 from NIDDK. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention by trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

## 7:00–11:30 AM

### Nutrition Support for the Practicing Pediatric Clinician: Specialized Nutrition Support in Pediatrics (NPPC-2016)

### DESCRIPTION

Pediatric patients present a myriad of challenges for the clinician. Join us for this course focusing on managing the the pediatric patient from a nutrition perspective. Faculty experts will deep dive into a variety of topics including monitoring of growth, feeding the preterm infant, malnutrition, enteral feeding tubes and connectors, blenderized diets, and intestinal failure.

### LEARNING OBJECTIVES

1. Evaluate childhood growth and identify appropriate monitoring during health and disease
2. List macronutrient and micronutrient requirements in preterm infants
3. Describe the effects of protein energy malnutrition in older children and adolescents
4. Summarize the medical evaluation of a child with poor growth
5. Identify the different types of nasogastric and gastrostomy tube options
6. Discuss the mechanical challenges associated with administering blenderized diets
7. Determine the best approach to managing malabsorption in short bowel syndrome

### FACULTY & TOPICS

*Monitoring Growth: Which Growth Reference, Labs and Tests?*  
Timothy Sentongo, MD, NBPNS

*Nutritional Requirements in the High Risk Infant*  
Steve Abrams, MD

*Too Little, Too Late? Pearls of Nutrient Deficiency and Excess*  
Dale Lee, MD, MSCE

Continued on next page

# PRE-CONFERENCE COURSES\*

## SATURDAY, JANUARY 16, 2016

### NPPC-2016, continued

*I've Tried It All! Approaches to the Poor Grower*  
Praveen Goday, MD

*Enteral Tubes and Connectors: What's New?*  
Beth Lyman, RN, MSN, CNSC

*Formula vs. Food: Primer on Blenderized Diets*  
Cheryl Davis, RDN, CD, CNSC

*Updates on Managing the Child With Intestinal Failure*  
Valeria C. Cohran, MD

*Presented by the A.S.P.E.N. Pediatric Section*

**LEARNING LEVEL:** Intermediate  
**UAN:** 0216-0000-16-002-L04-P  
**CE CREDIT:** 4.5 hours

### 7:00–11:00 AM

#### Postgraduate Course 1: Fluids, Electrolytes, and Acid-Base – Building a Foundation (PG1-2016)

##### DESCRIPTION

Struggle with understanding electrolytes and acid-base? Then this post graduate course is for you! Extracellular and intracellular electrolyte disorders seen in your nutrition support patients will be presented along with how to treat abnormalities. The attendee will review arterial blood gases, acid-base balance, and how the nutrition support practitioner plays an important role in the correction of these abnormalities in patients. Join our expert faculty, all of whom are board certified nutrition support pharmacists, for this interactive course including case studies to maximize the learning experience.

##### LEARNING OBJECTIVES

1. Discuss sodium homeostasis and the appropriate fluid selection for the nutrition support patient.
2. Describe the importance of potassium, magnesium, calcium, and phosphorus and management of these electrolytes.
3. Explain basic acid-base disorders and how they apply to the nutrition support patient.

### FACULTY & TOPICS

*Acid-Base Disorders*  
Phil Ayers, PharmD, BCNSP, FASHP

*Treatment of Potassium and Magnesium Disorders*  
Todd Canada, PharmD, BCNSP, FASHP

*Fluid and Sodium Homeostasis*  
Gordon Sacks, PharmD, BCNSP, FCCP

*Treatment of Calcium and Phosphorus Disorders*  
Michael Kraft, PharmD, BCNSP

### MODERATOR

Phil Ayers, PharmD, BCNSP, FASHP

**LEARNING LEVEL:** Basic  
**UAN:** 0216-0000-16-004-L04-P  
**CE CREDIT:** 4 hours

### 12:00–4:00 PM

#### Postgraduate Course 2: Critical Care – Applying Evidence to Practice (PG2-2016)

##### DESCRIPTION

Nutrition in the ICU is a vast topic encompassing numerous modalities and diseases. With this course, we will combine brief lectures on individual topics of interest or controversy with richly detailed cases. The lectures will deliver content on guidelines and new evidence in critical care. The lectures will be delivered with interactive polling. After a set of these lectures, participants will work in multidisciplinary groups to develop solutions to their ICU cases. Their solutions will be presented to their peers and faculty and critiqued.

##### LEARNING OBJECTIVES

1. Describe recent literature in complex diseases commonly seen in the ICU
2. Summarize guidelines in the use of enteral and parenteral nutrition in critical care
3. Describe nutrition management for patients with specific forms of organ failure

4. Develop comprehensive nutrition plans given sample patients with rich details
5. Develop, present, and defend patient care plans to peers

### FACULTY & TOPICS

*Nutrition in Sepsis*  
Laszlo Kiraly, MD, FACS

*ARDS/ALI: Current Management of Feeding Challenges*  
Sarah Peterson, PhD, MS, RD, LD, CNSC

*How Do New Guidelines Change Management in the ICU?*  
Robert Martindale, MD, PhD, FACS

*Pancreatitis: Applying the Literature*  
Stephen A. McClave, MD, FASPC

*ICU Nutrition Support in the Trauma Population*  
Keith Miller, MD, FACS

*Feeding the Patient With Gut Failure in the ICU*  
Bryan Collier, DO, CNSC, FACS

*Parenteral Safety in the ICU*  
Michael Kraft, PharmD, BCNSP

*Parenteral Nutrition in Renal Failure*  
Menaka Serav, MD

### MODERATOR

Laszlo Kiraly, MD, FACS

**LEARNING LEVEL:** Intermediate  
**UAN:** 0216-0000-16-001-L01-P  
**CE CREDIT:** 4 hours

### 8:00 AM–4:00 PM

#### Postgraduate Course 3: Physical Examination and Skills Lab (PG3-2016)

##### DESCRIPTION

Current evidence and consensus suggests that performing a physical examination particularly with a focus on body fat, muscle mass, fluid accumulation, and functional performance is necessary to determine if malnutrition is present in a patient. Dietitians as well members of other disciplines are generally not trained to perform hands-on physical assessment of patients in their discipline-specific training programs. This session will showcase the skills necessary for a complete nutrition-focused physical examination.

**Due to the hands-on nature of the workshop, capacity is limited to 120 participants. Register early; this course fills quickly.**

##### LEARNING OBJECTIVES

1. Describe the components of the nutrition-focused physical examination
2. Demonstrate novice skills in completing a nutrition-focused physical exam to include assessment of body fat, muscle, micronutrient

**Continued on next page**



Pediatric Content

Virtual Conference Session

Spanish Translation

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\*Pre-conference courses require a separate registration.

Pediatric Content

Virtual Conference Session

Spanish Translation

**REGISTER ONLINE AT [WWW.NUTRITIONCARE.ORG/CNW](http://WWW.NUTRITIONCARE.ORG/CNW)**

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## PRE-CONFERENCE COURSES\*

### SATURDAY, JANUARY 16, 2016

#### PG3-2016, continued

- status, fluid accumulation, abdominal exam, and functional performance
- Identify feeding tube location and ileus/bowel obstruction and quantify lean body and fat mass through review of abdominal radiographs, computed tomography (CT) scans, ultrasound, and bioelectrical impedance studies
  - Use information obtained in a nutrition-focused physical assessment to develop a nutrition care plan that includes diagnosis, intervention, monitoring, and reassessment

#### FACULTY & TOPICS

##### Hemodynamics/Case Studies

Mark H. Oltermann, MD

##### Functional Assessment- Handgrip

Mary Russell MS, RDN, LDN, FAND

##### Manual Muscle Testing

Lindsay Dowhan, MS, RD, LD, CNSC

##### Assessment of Lean Body Mass and Interpretation of CT Scans

Sarah Peterson, PhD, MS, RD, LD, CNSC

##### Assessment of Lean Body Mass and Subjective Global Assessment

Hannah Roosevelt, MS, RD, CNSC

##### Assessment of Lean Body Mass and Interpretation of Ultrasound

Christan Bury, MS, RD, LD, CNSC

##### Abdominal Radiograph Interpretation

Gail Cresci, PhD, RD, LD

##### Abdominal Exam

Mark H. Oltermann, MD

Deborah Andris, MSN, APNP

Mary Marian, MS, RD, CSO

##### Fluid Balance

Elizabeth Pash, MS, RD, LDN

##### Edema Assessment

Susan Roberts, MS, RD, LD, CNSC

Jennifer Lefton, MS, RD, CNSC, FAND

##### Fat, Muscle Assessment

Andrea JeVenn, RD, LD, CNSC

Cynthia Hamilton, MS, RD, LD

##### Case Study

Beth Taylor, DCN, RD, LD, CNSC, FCCM

Hannah Roosevelt, MS, RD, CNSC

#### MODERATOR

Mark H. Oltermann, MD

Gail Cresci, PhD, RD, LD

Jennifer Lefton, MS, RD, CNSC, FAND

*Contributed by Dietitians in Nutrition Support, a practice group of the Academy of Nutrition and Dietetics*

**LEARNING LEVEL:** Basic

**UAN:** 0216-9999-16-006-L04-P

**CE CREDIT:** 7 hours



## MAIN CONFERENCE EDUCATIONAL SESSIONS

### SATURDAY, JANUARY 16, 2016



**4:30–5:45 PM**

**President's Address (R10)**  

#### DESCRIPTION

In U.S. schools of pharmacy, parenteral nutrition is considered to be a highly specialized and advanced practice, so little time is devoted to this area and more attention is focused on chronic disease state management. Nutrition support fellowships for physicians

and nutrition support residency programs for pharmacists have dwindled in number over the years so that only a handful of these healthcare professionals are produced each year from the remaining formalized programs.

Join Dr. Gordon Sacks, A.S.P.E.N.'s 40th president, as he kicks off Clinical Nutrition Week 2016 by addressing the disappearance of education related to parenteral and enteral nutrition in formal curricula of physicians, nurses, dietitians, and pharmacists.

Dr. Sacks' current position as the Department Head of Pharmacy Practice at the Harrison School of Pharmacy at Auburn University includes a variety of responsibilities including administration, clinical and laboratory research, didactic teaching, and patient-care service. His lecture material is related to the preparation of sterile products as well as treatment for diseases of the gastrointestinal tract. Dr. Sacks' research has primarily focused on the metabolic support of patients during critical illness. His published works have covered such topics as correction of life-threatening electrolyte deficiencies (phosphorus and magnesium), the delivery of PN to solid organ and bone marrow transplant patients, and the effect of diabetes specific enteral nutrition formulations on glycemic control in hyperglycemic patients, pharmaceutical issues associated with injectable lipid emulsions, and safety surrounding compounding and administration of parenteral nutrition formulations.

The current nutrition education being taught in U.S. schools of healthcare professionals does not appropriately prepare students for identification of patients at nutrition risk or management of undernourished hospitalized patients with specialized nutrition therapies. There must also be consensus among the healthcare professions as to the depth of nutrition education and the stage of training at which these integrations should occur. Only by having these crucial conversations among all disciplines will we be able to develop new strategies to expand nutrition education in the training of future medical practitioners.

Physicians, nurses, pharmacists, and dietitians can positively affect patient care but each profession must first determine how best to integrate basic and applied nutrition concepts into their professional curricula and training programs.

#### FACULTY

Gordon Sacks, PharmD, BCNSP, FCCP, Professor and Head, Department of Pharmacy Practice, Auburn University, Auburn, AL

**LEARNING LEVEL:** Intermediate

**UAN:** 0216-0000-16-008-L04-P

**CE CREDIT:** 1 hour

 Pediatric Content

 Virtual Conference Session

 Spanish Translation

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\*Pre-conference courses require a separate registration.

 Pediatric Content

 Virtual Conference Session

 Spanish Translation

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The program overview provided is preliminary. For the most recent information on educational sessions, please visit [www.nutritioncare.org/cnw](http://www.nutritioncare.org/cnw).



# BACK BY POPULAR DEMAND!

## CLINICAL NUTRITION WEEK'S VIRTUAL CONFERENCE

We know that attending CNW in person can sometimes be challenging, and we don't want you to miss it for any reason. Register now for the virtual conference and join your colleagues from around the world who will be participating live in 12 sessions. You'll be able to ask questions of leading clinical experts and earn continuing education credits, all from the comfort of your home or office! Visit [www.nutritioncare.org/CNWVirtual](http://www.nutritioncare.org/CNWVirtual) for more information and to register.

## VIRTUAL SESSIONS

### SATURDAY, JANUARY 16

4:30–5:45 PM  
President's Address

### SUNDAY, JANUARY 17

8:00–9:15 AM  
Keynote Address

10:30 AM–12:30 PM  
Late-Breaking Topics in Clinical Nutrition

4:00–6:00 PM  
Body Composition in Challenging Populations: How Does it Measure Up?

### MONDAY, JANUARY 18

8:00–10:00 AM  
Dudrick Research Symposium

10:30–12:30 PM  
Premier Nutrition and Metabolism Research Paper Session and Vars Award Competition

2:30–4:00 PM  
Nutritional Metabolomics in Critical Illness

4:15–5:45 PM  
IV Lipid Emulsions: Changing Paradigms

### TUESDAY, JANUARY 19

8:00–9:15 AM  
Rhoads Research Lecture and Awards Ceremony

9:45–11:15 AM  
ICU Acquired Weakness and Sarcopenia in the Chronically Critically Ill

12:30–2:00 PM  
Manipulation of the Gut Microbiome to Improve Health Outcomes: Which is Best?

2:30–4:30 PM  
Obesity Paradox

\*The above sessions are listed as Central Time.

## CONTINUING EDUCATION CREDITS

Virtual conference participants can earn up to 19 continuing education credits. A.S.P.E.N. provides CE credit to **physicians, nurses, pharmacists, and dietitians** who attend in full each virtually-broadcast session. To claim credits, participants must complete the program evaluation process within the electronic CE system in A.S.P.E.N.'s eLearning Center, which is accessible from any Internet connection at [www.nutritioncare.org/elearning](http://www.nutritioncare.org/elearning).

## SUNDAY, JANUARY 17, 2016

8:00–9:15 AM

Keynote Address (S10)  

LEARNING LEVEL: Intermediate  
UAN: 0216-0000-16-009-L04-P  
CE CREDIT: 1 hour

10:30 AM–12:30 PM

Late Breaking Topics in Clinical Nutrition (S20)  

### DESCRIPTION

Join us for this exciting session where you will be the first to hear the most cutting-edge data from late-breaking studies and clinical trials. This session will help you gain perspective on using the data in your own clinical practice and give you an opportunity to explore future directions of practice and research in clinical nutrition.

Visit [www.nutritioncare.org/cnw](http://www.nutritioncare.org/cnw) for updated information.

LEARNING LEVEL: Advanced  
UAN: 0216-0000-16-010-L04-P  
CE CREDIT: 2 hours

10:30 AM–12:30 PM

Basic Skills in Parenteral Nutrition Management (S21)

### DESCRIPTION

Many clinicians new to nutrition support require vital basic information in order to safely and effectively deliver parenteral nutrition to patients. This skills lab is set up to allow participants to move among stations to hear focused, interactive presentations. All presenters will use a case based approach allowing for enhancement of clinical practice skills

### LEARNING OBJECTIVES

1. Identify assessment and treatment strategies to manage electrolytes in parenteral nutrition patients
2. Create a safe parenteral nutrition formulation per compound and stability limits
3. Explain basic acid-base disorders and how they apply to the patient receiving PN; effectively manage fluid imbalances in the PN patient
4. Delineate criteria for appropriate central venous catheter device selection in the patient receiving PN and manage catheter associated complications

### FACULTY & TOPICS

*It's All About That Acid-Base, No Trouble: Part 1 and Identification and Treatment of Complex Acid-Base Disorders: Part 2*

*Anne Tucker, PharmD, BCNSP*

*Jacob Hall, PharmD, BCNSP*

*Angela Bingham, PharmD, BCPS*

*To Add or Not to Add: Treatment of Electrolyte Imbalance in the PN Patient*

*Jessica Monczka, RD, LDN, CNSC*

*Karrie Derenski, PharmD, BCNSP, CNSC*

*Prevention of Electrolyte Disorders: Refeeding and Beyond*

*Renee Walker, MS, RD, LD, CNSC, FAND*

*Fluid Assessment and Sodium Homeostasis*

*Sharla Tajchman, PharmD, BCPS, BCNSP*

*Compounding Strategies for 3-in-1 Solutions: No Cracking Here*

*Joseph Ybarra, PharmD, BCNSP*

*Oh No, My PN Solution Looks Like a Snow Globe: What Went Wrong?*

*M. Petrea Cober, PharmD, BCNSP*

*Centreal Venous Catheter Device Selection and Management of Complications*

*Antoinette Neal, RN, CRNI, CNSC, VA-BC*

### MODERATOR

*Todd Canada, PharmD, BCNSP, FASHP*

LEARNING LEVEL: Basic  
UAN: 0216-0000-16-011-L05-P  
CE CREDIT: 2 hours

 Pediatric Content

 Virtual Conference Session

 Spanish Translation

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## 10:30 AM–12:00 PM

### Perinatal Nutrition—From Nutrients to the Microbiome: Are We What We Eat or What Our Mother Eats? (S22)

#### LEARNING OBJECTIVES

1. Describe the pathophysiology of diabetes in pregnancy. Discuss the management of diabetes in pregnancy and the management of a neonate born to a diabetic mother
2. List common maternal nutrient deficiencies or insufficiencies, the effect of maternal nutrient intake on the fetus and neonate outcomes and microbiome, and how to prevent and treat these deficiencies
3. Describe placental physiology and how placental perfusion affects growth of the fetus. Explain nutritional management of the intrauterine growth restricted neonate

#### FACULTY & TOPICS

The Highs and Lows of Diabetes in Pregnancy: Maternal and Neonatal Management

Joy Lehman, PharmD, BCNSP

Maternal Microbiome: Maternal Nutrient Status and the Development of the Fetal Microbiome

Christina Valentine, MD, MS, RD

Placental Perfusion and the Effects on the Neonate

Emily DeFranco, DO

#### MODERATOR

Joy Lehman, PharmD, BCNSP

Presented by the A.S.P.E.N. Pediatric Section

LEARNING LEVEL: Intermediate  
UAN: 0216-0000-16-012-L04-P  
CE CREDIT: 1.5 hours

## 10:30 AM–12:30 PM

### Your Survival: Communicating and Effectively Working with the C-Suite (S23)

#### LEARNING OBJECTIVES

1. List and discuss at least 2 factors that led to the current healthcare reform
2. Outline the basic concept of Value Based Purchasing and other new payment initiatives
3. Describe the steps that A.S.P.E.N. is taking on behalf of its membership to optimally position nutrition support and NSC in current and future practice, regulations and legislation
4. Develop an algorithm to implement programs, effectively communicate and work with the C-Suite in their particular institution/organization

#### FACULTY & TOPICS

If You Are Not at the Table, You Could Be on the Menu

Albert Barrocas, MD, FACS, FASPEN

Healthcare Reform Coming of Age: Where We've Been, Where We Are, Where We're Going

Robert S. Hendler MD

Making the Case for Cost Avoidance for Non-Revenue Generating Services: A View From the Other Side of the Table

Christine M. Hale, MD, MBA

Weathering the Regulatory Landscape of Nutrition Support Services: What's at the End of the Rainbow?

Alan K. Parver, Esq.

How Is A.S.P.E.N. Helping Me Approach My Administration/C-Suite?

Peggy Guenter, PhD, RN, FAAN

Case Study: Been There, Done That

Cindy Hamilton, MS, RD, LD

Case Study: Almost There

Karim Godamunne, MD, MBA, SFHM

Case Study: Slowly Getting There

Teresa Pounds, PharmD, BCNSP

#### MODERATOR

Albert Barrocas, MD, FACS, FASPEN

LEARNING LEVEL: Intermediate  
UAN: 0216-0000-16-013-L04-P  
CE CREDIT: 2 HOURS

## 2:00 – 3:30 PM

### Nutrition and Metabolism Research Paper Sessions (S30–S35)

#### DESCRIPTION

Today's medical environment demands evidence-based practice, replicable results, and improved patient outcomes. Our abstract authors conduct research to help meet these challenges and provide breakthroughs in our knowledge and in our patient care.

These sessions are dedicated to presentations of high-ranking abstracts. The abstracts will be presented by topic so you can explore cutting-edge research on issues that interest you. The abstracts will also be published in *JPEN*, making them a part of the body of evidence you have to guide your clinical patient care.

Research paper session topics will be listed on [www.nutritioncare.org/cnw](http://www.nutritioncare.org/cnw) later in 2015.

LEARNING LEVEL: Advanced  
UAN: 0216-0000-16-014-L04-P  
0216-0000-16-015-L04-P  
0216-0000-16-016-L04-P  
0216-0000-16-017-L04-P  
0216-0000-16-018-L04-P  
0216-0000-16-019-L04-P  
CE CREDIT: 1.5 hours each

## 4:00 – 6:00 PM

### Body Composition in Challenging Populations: How Does It Measure Up? (S40)

#### LEARNING OBJECTIVES

1. List the opportunities and limitations of body composition techniques (including bioelectrical impedance, dual-energy x-ray absorptiometry, and CT scans)
2. Apply appropriate body composition technologies in clinical settings with difficult-to-assess populations (including patients receiving dialysis, liver transplant, and pediatric patients)

#### FACULTY & TOPICS

Opportunities and Limitations of Body Composition Technologies

Carrie P. Earthman, PhD, RD, LD

Bioelectrical Spectroscopy in the Dialysis Population

Frank M. van der Sande, MD, PhD

CT Scans as a Body Composition Tool in Liver Transplant Patients

Michael Englesbe, MD

DEXA to Assess Body Composition in Pediatrics

Kenneth J. Ellis, PhD

#### MODERATOR

Jeanette Hasse, PhD, RD, LD, FADA, CNSC

LEARNING LEVEL: Advanced  
UAN: 0216-0000-16-020-L04-P  
CE CREDIT: 2 hours

## 4:00–5:30 PM

### Primer on Metabolomics, Lipidomics, and Microbiome Research: Implications for the Clinical Nutritionist (S41)

#### LEARNING OBJECTIVES

1. Define basic concepts in the fields of metabolomics, lipidomics, and the microbiome
2. Analyze research related to metabolomics, lipidomics, and the microbiome

Continued on next page



# SUNDAY, JANUARY 17, 2016

## S41, continued

3. Identify the clinical applications of metabolomics, lipidomics, and microbiome research, including diagnostic and therapeutic potential

### FACULTY & TOPICS

*Introduction to Microbiome, Metabolomics, and Lipidomics: A Primer*  
Puneet Puri, MBBS, MD, FACP

*Nutritional Metabolomics: Addressing Complexity in Diet and Health*  
Thomas Ziegler, MD

### MODERATOR

Puneet Puri, MBBS, MD, FACP

**LEARNING LEVEL:** Intermediate  
**UAN:** 0216-0000-16-021-L04-P  
**CE CREDIT:** 1.5 hours

## 4:00–5:30 PM

### Interdisciplinary Collaboration to Optimize Enteral Nutrition Delivery in the ICU (S42)

#### LEARNING OBJECTIVES

1. Relate how EN protocols can enhance EN delivery in the ICU
2. Discuss implementation of VBEN and eliminate routine gastric residual monitoring into bedside practice
3. Identify methods for interdisciplinary collaboration in order to increase the probability of successful changes in practice
4. Describe the current barriers to optimal safe EN delivery to critically ill children, specifically current evidence regarding nutrition intolerance assessments at the bedside

### FACULTY & TOPICS

*Challenges to Optimizing EN Delivery in the Intensive Care Unit*  
Susan Roberts, MS, RDN, LD, CNSC

*Volume-Based Enteral Nutrition: A Protocol Approach to Enhance EN Delivery*  
Susan Smith, DNP, RN, ACNS-BC

*Enteral Nutrition Intolerance in Critically Ill Children: Safety, Barriers, and Management*  
Enid E. Martinez, MD

### MODERATOR

Susan Roberts, MS, RDN, LD, CNSC

**LEARNING LEVEL:** Intermediate  
**UAN:** 0216-0000-16-022-L04-P  
**CE CREDIT:** 1.5 hours

## 4:00–5:30 PM

### Top Issues from the Leaders: Celebrating 40 Years of Excellence in Nutrition (S43)

#### LEARNING OBJECTIVES

1. Describe the biggest challenges and gaps for nutrition support practitioners
2. Provide examples of how these challenges have been met or partially met
3. Discuss what our needs as a society of nutrition support professionals will be in the future

### FACULTY

A.S.P.E.N. President 2011-2012  
Jay M. Mirtallo, MS, RPh, BCNSP, FASHP

A.S.P.E.N. President, 2005-2006  
Gordon L. Jensen, MD, PhD

A.S.P.E.N. President, 1999-2000  
Peggy R. Borum, PhD

A.S.P.E.N. President, 1989-1990  
Bruce R. Bistrain, MD, PhD

A.S.P.E.N. President, 1977-1978  
Stanley J. Dudrick, MD, FACS, FASPEN

### MODERATOR

A.S.P.E.N. President, 2013-2014  
Ainsley Malone, MS, RD, LD, CNSC, FAND, FASPEN

A.S.P.E.N. President, 1984-1985  
Ezra Steiger, MD, FACS

**LEARNING LEVEL:** Basic  
**UAN:** 0216-0000-16-023-L04-P  
**CE CREDIT:** 1.5 hours

## 4:00–5:30 PM

### Roundtables (RT1)

Here's your opportunity for an up close and personal experience with the experts. The CNW16 Roundtables will promote discussion on specific nutrition support topics. Tables will be organized by topic and you will have an opportunity to talk in small groups with the faculty and your peers. Each faculty presenter will meet with the group for 25 minutes before participants are asked to move to another table for discussion on a different topic. Participants will have the opportunity to visit three tables during the session.

**LEARNING LEVEL:** Basic for all Roundtables  
**UAN:** No pharmacy credit for roundtables  
**CE CREDIT:** 1.5 hours for full session (3 roundtables)

### A. NUTRITION IN THE EHR: THE GOOD, THE BAD, AND THE UGLY

#### LEARNING OBJECTIVES

1. Use the definition of and criteria for diagnosing malnutrition in the EHR
2. Describe the resources available to access the most current best practices in nutrition care
3. Identify methods of aligning EHR functionality and best practices in nutrition care

Jean M. Bouche, RD, CD  
Vincent W. Vanek, MD, FACS, FASPEN

*Presented by the A.S.P.E.N. Clinical Nutrition Informatics Committee*

### B. MANAGING COMPLEX HOME NUTRITION SUPPORT PATIENTS

#### LEARNING OBJECTIVES

1. Evaluate the appropriateness and monitoring of HPEN for a patient with a complicated oncology diagnosis
2. Detail the unique needs and monitoring requirements of long-term HPN patients

Pankaj Vashi, MD  
Reid A. Nishikawa, PharmD, BCNSP, FCSHP

### C. ASSESSMENT AND TREATMENT OF DIARRHEA IN THE NUTRITION SUPPORT PATIENT

#### LEARNING OBJECTIVES

1. Identify common causes of diarrhea
2. Review the pharmacological treatments for diarrhea
3. Formulate treatment recommendations for diarrhea

Karrie Derenski, PharmD, BCNSP, CNSC  
Divya Daniel, PharmD

### D. MITOCHONDRIAL DISEASES: BEYOND INBORN ERRORS OF METABOLISM

#### LEARNING OBJECTIVES

1. Identify and describe the spectrum of mitochondrial diseases
2. Discuss medical management of mitochondrial diseases
3. Determine nutrition interventions to support patients with mitochondrial diseases

Pam Charney, PhD, RD

*Presented by the A.S.P.E.N. Dietetics Practice Section*

### E. LEARNING TO BE AN EFFECTIVE JOURNAL PEER REVIEWER: TIPS FROM AN EDITOR

#### LEARNING OBJECTIVES

1. Understand the role of a peer reviewer for a journal and the process of peer review
2. Analyze the components of a thorough, fair, and constructive review

Jeanette Hasse, PhD, RD, LD, FADA, CNSC

*Presented by the Nutrition in Clinical Practice (NCP) Editors*



## SUNDAY, JANUARY 17, 2016

### F. HYPERGLYCEMIA IN PATIENTS RECEIVING NUTRITION SUPPORT: CLINICAL PEARLS FOR GLYCEMIC CONTROL

#### LEARNING OBJECTIVES

1. Identify patient specific factors that will alter hyperglycemia management in patients receiving nutrition support
2. Develop strategies for the management of hyperglycemia in nutrition support patients

Phil Ayers, PharmD, BCNSP, FASHP  
Andrew Mays, PharmD

### G. FODMAPS: FOOD THERAPY FOR MANY GI CHALLENGES

#### LEARNING OBJECTIVES

1. Describe the evidence supporting the FODMAPs elimination diet
2. Discuss the assessment and application of the low FODMAPs diet in IBS as well as IBD, SBS, and GERD

Carol Ireton-Jones, PhD, RDN, CNSC, FACN, FASPEN  
William Wolf, MD, MPH

### H. THE IMPORTANCE OF COMPREHENSIVE NUTRITION SUPPORT FOR CHILDREN WITH MEDICAL COMPLEXITY

#### LEARNING OBJECTIVES

1. List three benefits of optimizing nutrition
2. Discuss the role of different feeding techniques and enteral supports
3. Consider the secondary health conditions that may impact a nutrition care plan

Gina Rempel, MD, FRCPC, FAAP

### I. BODY COMPOSITION ASSESSMENT IN THE ICU: WHY DOES IT MATTER?

#### LEARNING OBJECTIVES

1. Use the tool of body composition to better diagnose malnutrition in critically ill patient

Maria Cristina Gonzalez, MD, PhD

*Presented by the A.S.P.E.N. IBERO/Latin American Section (ILAS)*



Pediatric Content

Virtual Conference Session

Spanish Translation

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## MONDAY, JANUARY 18, 2016



**8:00–10:00 AM**

### Dudrick Research Symposium: Critical Care Nutrition—Lessons Learned and Future Directions (M10)

#### DESCRIPTION

The Dudrick Research Symposium is named in honor of Dr. Stanley J. Dudrick whose pioneering research led to the landmark development of parenteral nutrition. The annual Stanley Dudrick Research Scholar Award recognizes and supports a mid-career A.S.P.E.N. investigator who has shown significant achievement and demonstrates exceptional research productivity and potential.

Each year, the annual award recipient plans the Dudrick Research Symposium for Clinical Nutrition Week. This year, Dr. Niles M. Mehta, Associate Professor of Anesthesiology (Pediatric Critical Care) at Harvard Medical School has the honor of planning the 2016 Symposium.

Dr. Mehta has broad experience in conducting funded clinical and translational research related to nutritional interventions during critical illness, with specific emphasis on patient-centered outcomes. To that end he has led interdisciplinary studies that have addressed knowledge and evidence gaps in the field of critical care nutrition and metabolism. In addition to serving as the Director of Quality Improvement and Associate Medical Director of the Medical Surgical Intensive Care Unit at Boston Children's Hospital (BCH), he is also the Director of the Critical Care Nutrition Program at BCH, and is board certified in Pediatric Medicine and Pediatric Critical Care.

Dr. Mehta has studied practice gaps in energy and protein delivery during pediatric critical illness, and explored the relationship between suboptimal intake and clinical outcomes in this population. He has advanced the field of metabolic monitoring, with innovations in indirect calorimetry. His isotope dilution studies have described protein catabolism and whole body protein turnover after surgical procedures, and helped examine body composition in a variety of critically ill populations. His translational studies have explored the role of molecular and proteomic techniques in nutritional investigations. He has led the development of evidence-based nutrition therapy guidelines for pediatric critical care. He is the co-editor of the first Textbook of Pediatric Critical Care Nutrition. Dr. Mehta currently serves on the A.S.P.E.N. Board of Directors.

Dr. Mehta has created an extraordinary program with world-renowned faculty that will address the current state of critical care nutrition in both the pediatric and adult populations, and explore the continuous conundrum of energy and protein delivery. There will also be a discussion on where we've been, where we're going, and what the current literature suggests.

Don't miss this stimulating and cutting-edge symposium in honor of Dr. Stanley Dudrick.

#### OBJECTIVES

1. Evaluate energy balance and its relationship to clinical outcomes in critically ill newborns and children
2. Describe the whole body turnover, requirements and delivery of protein during pediatric critical illness and its relationship to clinical outcomes

**Continued on next page**

Pediatric Content

Virtual Conference Session

Spanish Translation

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## Dudrick Research Symposium, continued

3. Summarize the lessons learned in adult critical care nutrition and examine future directions

### FACULTY AND TOPICS

Energy Balance in Critically Ill Newborns and Children

Tom Jaksic, MD, PhD, FASPEN

Protein Catabolism during Pediatric Critical Illness and Impact of Protein Delivery on Outcomes

Nilesh M. Mehta, MD, DCH

Adult Critical Care Nutrition: Looking Back At Lessons Learned and Planning Future Directions

Daren K. Heyland, MD, RFCPC, MSC

### MODERATOR

Nilesh M. Mehta, MD, DCH

LEARNING LEVEL: Advanced

UAN: 0216-0000-16-024-L01-P

CE CREDIT: 2 hours

## 10:30 AM–12:30 PM

### Premier Nutrition and Metabolism Research Paper Session and Vars Award Competition (M20)

#### DESCRIPTION

A.S.P.E.N. is dedicated to advancing the science and practice of clinical nutrition and metabolism. This session highlights the best peer-reviewed research abstracts submitted for inclusion in CNW16. This is your opportunity to hear firsthand about the latest research that helps shape clinical practice for all disciplines involved in nutrition support.

All the individuals who give presentations during this session are vying for the prestigious Harry M. Vars Award. This award serves as a tribute to Dr. Vars and his pioneering developments in parenteral nutrition and is given annually for the best original research presentation by an investigator at CNW. The award recipient will be selected on site by the A.S.P.E.N. Research Committee based upon a review of manuscripts submitted by qualified candidates and their presentations. The award recipient will be announced at the Rhoads Research Lecture and Award Ceremony

on Tuesday morning. Come cheer on the candidates and hear the best of the best research at CNW16!

Visit [www.nutritioncare.org/cnw](http://www.nutritioncare.org/cnw) for up-to-date information.

LEARNING LEVEL: Advanced

UAN: 0216-0000-16-025-L04-P

CE CREDIT: 2 hours

## 2:30–4:00 PM

### Nutritional Metabolomics in Critical Illness (M30)

#### LEARNING OBJECTIVES

1. Summarize the need for research to identify metabolites that are linked to the human nutrition metabolome
2. Identify the metabolites that discriminate nutritional status

3. Describe how integration of high-throughput metabolite profiles and genome-scale metabolic models are used to study the underlying mechanisms of malnutrition in the critically ill

### FACULTY & TOPICS

Plasma Metabolomics of Critical Illness Malnutrition

Kenneth Christopher, MD, FCCM

Plasma Metabolomics in Diabetes

Jessica A. Alvarez, PhD, RD

Plasma Metabolomics in Infection

To Be Announced

Gut Luminal Metabolomics

To Be Announced

### MODERATOR

Kenneth Christopher, MD

LEARNING LEVEL: Advanced

UAN: 0216-0000-16-026-L01-P

CE CREDIT: 1.5 hours

## 2:30–4:00 PM

### Micronutrient Abnormalities: Identification and Treatment (M31)

#### LEARNING OBJECTIVES

1. List risk factors for micronutrient abnormalities, potential signs/symptoms of such abnormalities, and monitoring recommendations in given adult and pediatric patient scenarios
2. Discuss factors which must be considered when interpreting a given micronutrient laboratory parameter
3. Design a treatment regimen for a given micronutrient abnormality

### FACULTY & TOPICS

Micronutrient Abnormalities: Recognizing Adult Patients at Risk and Their Clinical Presentation

Carol J. Rollins, MS, RD, PharmD

Micronutrient Issues in Children: Risk Factors and Clinical Presentation

Katherine H. Chessman, PharmD, FPPAG, FCCP, BCPS, BCNSP

Treating Micronutrient Abnormalities

Lingtak-Neander Chan, PharmD, BCNSP

### MODERATOR

Carol J. Rollins, MS, RD, PharmD

LEARNING LEVEL: Intermediate

UAN: 0216-0000-16-027-L04-P

CE CREDIT: 1.5 hours

## 2:30–4:00 PM

### Nutrition Support: The Successful Patient Journey Across the Venues of Care (M32)

#### LEARNING OBJECTIVES

1. Identify specific areas and processes where risk is highest in the patient transition
2. Develop strategies for each member of the care team to reduce risk to the patient during transition
3. Delineate how the A.S.P.E.N. Guidelines support safe transitions for the patient

### FACULTY & TOPICS

The Patient Journey Across the Care Continuum

Brenda Gray, PharmD, BCNSP, CNSC, PRS, CVAA(c)

Physician Perspective on Transitioning Patients Across Settings

Debora Duro, MD, MS, Medical Director

Pharmacist Perspective on Transitioning Patients Across Settings

Kevin McNamara, PharmD, CNSC, PRS, CVAA(c)

Nursing Perspective on Transitioning Patients Across Settings

Felicia Schaps, CRNI, CNSC

Dietitian Perspective on Transitioning Patients Across Settings

Faculty to be announced

### MODERATOR

Brenda Gray, PharmD, BCNSP, CNSC, PRS, CVAA(c)

Presented by the A.S.P.E.N. Florida Chapter

LEARNING LEVEL: Basic

UAN: 0216-0000-16-028-L05-P

CE CREDIT: 1.5 hours

## 2:30–4:00 PM

### The Trend to Blend: Pediatric Blenderized Tube Feeding Diets (M33)

#### LEARNING OBJECTIVES

1. List tools needed to make and administer blenderized tube feeding
2. Discuss the use and implementation of blenderized tube feeding for gastrostomy tube dependent patients
3. Learn how to construct sample recipes for blenderized tube feeding
4. Discuss the risks and benefits of blenderized tube feedings in the pediatric population

#### FACULTY & TOPICS

Blending Basics: The Who, Why, and How of Blenderized Tube Feeding  
Katherine Bennett, RD, MPH, CLEC

Caring for the Adult Patient on BTF  
Lisa Epp, RDN, LD, CNSC

Pediatric Blenderized Tube Feedings: Specific Considerations for a Specialized Population  
Jessica Brown, RD, CSP, CNSC

#### MODERATOR

Ryan Hurt, MD, PhD

LEARNING LEVEL: Intermediate  
UAN: 0216-0000-16-029-L04-P  
CE CREDIT: 1.5 hours

## 4:15–5:45 PM

### Enteral Nutrition: Hot Topics and Hands-On Updates (M40)

#### DESCRIPTION

Hands-on session. After a brief update on hot topics in enteral access (including an update on the GEDSA “Stay Connected” transition), participants will learn state-of-the-art management strategies for

enteral devices in a fast-paced round-robin format. Attendees will have the opportunity to participate in an interactive learning experience with A.S.P.E.N.’s nurse experts that will provide the most current information on care of enteral access devices.

#### LEARNING OBJECTIVES

1. Describe progress on the implementation of the new enteral connector standards and their safety implications
2. Demonstrate current approaches to nasogastric tube placement and verification in the adult patient
3. Discuss various methods of unclogging enteral tubes
4. Describe two methods of securing enteric access tubes and care implications for each

#### FACULTY & TOPICS

Enteral Nutrition: Hot Topics  
Peggi Guenter, PhD, RN, FAAN

Tube Securement  
Carol McGinnis, DNP, RN, CNS, CNSC

Wound Care  
Beth Lyman, RN, MSN, CNSC

Tube Placement  
Patricia A. Worthington, MSN, RN, CNSC

Medication Administration  
Joseph Boullata, PharmD, RPh, BCNSP, FASPEN

Tube Placement  
Karen Gilbert, RN, MSN, CNSC, CRNP

#### MODERATOR

Renay Tyler, DNP, ACNP, CNSC

Presented by the A.S.P.E.N. Nutrition Support Nurses Practice Section

LEARNING LEVEL: Intermediate  
UAN: 0216-0000-16-031-L04-P  
CE CREDIT: 1.5 hours

## 4:15–5:45 PM

### Vitamin D Trials and Tribulations (M41)

#### LEARNING OBJECTIVES

1. Describe the observational evidence behind why vitamin D is a potential modifiable risk factor for critical illness outcome
2. Evaluate the findings of the VITdAL-ICU trial (a randomized, double-blind, placebo-controlled, single center trial on 475 critically ill medical and surgical subjects)
3. Analyze mechanisms of action of vitamin D

#### FACULTY & TOPICS

Vitamin D and Outcomes: Observational Evidence  
Thomas Ziegler, MD

Vitamin D Intervention: The VITdAL-ICU Study  
Karin Amrein, MD, MSc

Why Vitamin D Works and Why It Does Not  
Sadeq A. Quraishi, MD, MHA, MMSc

#### MODERATOR

Kenneth Christopher, MD, FCCM

LEARNING LEVEL: Intermediate  
UAN: 0216-0000-16-032-L04-P  
CE CREDIT: 1.5 hours

## 4:15–5:45 PM

### Too Little Too Late: The Cost of Not Identifying Pediatric Malnutrition (M42)

#### LEARNING OBJECTIVES

1. Interpret growth using Z scores in the definition of pediatric malnutrition
2. Describe the recommended indicators/characteristics to define malnutrition

3. Document the characteristics of using malnutrition as a diagnosis
4. Assist institutions in identifying, documenting, and coding for malnutrition reimbursement

#### FACULTY

Patricia J. Becker, MS, RDN, CSP, CNSC  
Mark R. Corkins, MD, CNSC, SPR, FAAP  
Liesje N. Carney, RDN, CSP

#### MODERATOR

Mark R. Corkins, MD, CNSC, SPR, FAAP

LEARNING LEVEL: Intermediate  
UAN: 0216-0000-16-033-L04-P  
CE CREDIT: 1.5 hours

## 4:15–5:45 PM

### Research Workshop Recap: Translation of Science to Practice (M43)

The practical application of cutting-edge research in fat emulsions and protein delivery to the critically ill patient will be presented by world-renowned faculty.

LEARNING LEVEL: Intermediate  
UAN: 0216-0000-16-034-L04-P  
CE CREDIT: 1.5 hours

# MONDAY, JANUARY 18, 2016

## 4:15–5:45 PM

### Roundtables (RT2)

Here's your opportunity for an up close and personal experience with the experts. The CNW16 Roundtable will promote discussion on specific nutrition support topics. Tables will be organized by topic and you will have an opportunity to talk in small groups with the faculty and your peers. Each faculty presenter will meet with the group for 25 minutes before participants are asked to move to another table for discussion on a different topic. Participants will have an opportunity to visit three topics during the session.

**LEARNING LEVEL:** Basic for all Roundtables  
**UAN:** No pharmacy credit for roundtables  
**CE CREDIT:** 1.5 hours for full session (3 roundtables)

### A. ENTERAL NUTRITION: BREAKING DOWN BARRIERS TO SAFE PRACTICES

#### LEARNING OBJECTIVES

1. Review EN safe practice guidelines
2. Evaluate barriers to safe practice implementation and how to overcome them at a local level
3. Discuss the new EN connector system, what unsafe practices have been reduced and/or eliminated by them, and what new potential new issues have arisen from their implementation.

Jennifer Wooley, MS, RD, CNSC

### B. ENSURING PARENTERAL NUTRITION SAFETY WHEN TRANSITIONING TO THE ELECTRONIC MEDICAL RECORD

#### LEARNING OBJECTIVES

1. Identify key stakeholders who should be involved in the electronic PN build and implementation process
2. Apply important PN safety strategies that aim to reduce medication errors when developing electronic PN orders

Lisa Mostafavifar, PharmD, BCPS  
Andy Black, RPh, MISM

### C. NEUTRALIZING ACID-BASE DISORDERS: A BEDSIDE APPROACH

#### LEARNING OBJECTIVES

1. Describe physiologic complications associated with acid-base disorders
2. Identify common causes of acid-base disorders
3. Interpret arterial blood gas data to determine primary acid-base disorder
4. Perform basic acid-base calculations

Jacob Hall, PharmD, BCNSP  
Rina Patel, PharmD, BCNSP

### D. NUTRITION MANAGEMENT OF THE PEDIATRIC AND ADULT PATIENT WITH VERY LOW ENERGY NEEDS (VLEN)

#### LEARNING OBJECTIVES

1. Modify a feeding regimen for a patient with VLEN without exceeding caloric requirements
2. Describe the calories that modulators can contribute to a feeding regimen for a patient with VLEN
3. List key nutrients at risk for deficiency in patients receiving enteral nutrition recipes altered to provide lower energy

Monica Nagle, RD, CNSC, LDN  
Bethany Squillante, MS, RD, CSP, LDN

### E. POPULARITY OF BLENDERIZED DIETS AND THE IMPLICATIONS FOR HOMECARE

#### LEARNING OBJECTIVE

1. Develop strategies to help patients/consumers obtain reimbursement for commercially prepared blenderized formulas
2. List challenges patients/consumers may encounter when converting from a standard to blenderized formula and how to overcome these in the home

Vicki L. Emch, MS, RD, CNSC

### F. BARRIERS PREVENTING ADEQUATE PROVISION OF PRESCRIBED ENTERAL NUTRITION REGIMENS TO CRITICALLY ILL ADULT PATIENTS

#### LEARNING OBJECTIVES

1. Identify barriers that prevent delivery of prescribed individualized EN regimens and develop protocols aimed at reducing incidence of unnecessary interruptions

Chelsea Barrow, RD, LD  
Joseph Ybarra, PharmD, BCNSP

### G. IMPROVING ACCURACY OF LENGTH MEASUREMENTS USING RECUMBENT LENGTH BOARDS IN THE NEONATAL AND PEDIATRIC POPULATION

#### LEARNING OBJECTIVES

1. Identify rationale for use of recumbent length board measurements in pediatric populations
2. Demonstrate proper technique for completing a length board measurement using a recumbent length board

Celina M. Scala, MS, RD, CNSC, LDN

### H. PROVIDING TRANSCULTURAL CARE IN THE HOME PARENTERAL NUTRITION PATIENT: WHERE DO WE BEGIN?

#### LEARNING OBJECTIVES

1. Define cultural sensitivity and cultural competence
2. List patient needs in several different populations
3. Create care plans targeting diverse patient populations

Antoinette Neal, RN, CRNI, CNSC, VA-BC

### I. CIRCADIAN RHYTHMS AND NUTRITION: INFLUENCE ON METABOLIC OUTPUT

#### LEARNING OBJECTIVES

1. Understand the impact of circadian rhythms and nutrition on metabolic diseases

Rosa Larreátegui, MD, RD

*Presented by the A.S.P.E.N. IBERO/Latin American Section (ILAS)*

### J. MEDICAL ADHESIVE RELATED SKIN INJURIES

#### LEARNING OBJECTIVES

1. Understand what MARSI is and how to prevent or manage its occurrence

Brenda Gray, PharmD, BCNSP, CNSC, PRS, CVAA(c)



## 8:00–9:15 AM

### Rhoads Research Lecture and Awards Ceremony (T10)

#### DESCRIPTION

The Rhoads Research Lecture is the highest and most prestigious of A.S.P.E.N.'s annual awards. This honor recognizes Dr. Jonathan E. Rhoads' pivotal role to the field of nutrition support therapy. The lecturer is recognized internationally for major contributions to the field of nutrition support therapy and has demonstrated a career-long commitment to the improvement of the nutrition status of patients. Selected annually by the current A.S.P.E.N. President, A.S.P.E.N. is proud to honor the distinguished 2016 Rhoads Lecturer, David F. Driscoll, RPH, PhD.

#### FACULTY

David F. Driscoll, RPH, PhD

LEARNING LEVEL: Advanced

UAN: 0216-0000-16-035-L04-P

CE CREDIT: 1 hour

## 9:45–11:15 AM

### ICU–Acquired Weakness and Sarcopenia in the Chronically Critically Ill (T20)

#### LEARNING OBJECTIVES

1. Define chronic critical illness and estimate its prevalence
2. Describe causes, consequences, and emerging treatments for ICU–acquired weakness
3. Present methods for sarcopenia detection via computed tomography scans
4. Summarize how glucose control and nutrition support impact the development of and the prevention/treatment for ICU–acquired weakness and sarcopenia

#### FACULTY & TOPICS

*The Impact of Early Mobilization and Glycemic Control on ICU Acquired Weakness in Mechanically Ventilated Patients*  
John Kress, MD, FCCP

*Prevalence of Sarcopenia in ICU Patients With ALI and the Role of Nutrition Support in Its Development and Treatment*

Sarah Peterson, PhD, MS, RD, LD, CNSC

LEARNING LEVEL: Advanced

UAN: 0216-0000-16-036-L01-P

CE CREDIT: 1.5 hours

## 9:45–11:15 AM

### The Cost of Safety (T21)

#### LEARNING OBJECTIVES

1. Discuss sentinel event avoidance and the culture of safety in the context of enteral misconnections
2. Explain the cost of adverse events as it relates to determining the cost effectiveness of interventions in the context of CLABSI and misplaced NG tubes
3. Relate the process of developing an innovative technology to promote safe patient care from concept to regulatory issues to prototype

#### FACULTY & TOPICS

*Sentinel Event Avoidance and a Culture of Safety*

Debora Simmons, PhD, RN, CCNS

*The Cost of Adverse Events and Determining the Cost Effectiveness of Innovations Designed to Promote Safety*  
Meredith Kilgore, PhD, RN

*Answering the Call for Innovation*

Katie Waitzman, MEd, BSN, BA, RN

#### MODERATOR

Beth Lyman, RN, MSN, CNSC

*Presented by the A.S.P.E.N. Nutrition Support Nurses Practice Section and A.S.P.E.N. Pediatric Section*

LEARNING LEVEL: Intermediate

UAN: 0216-0000-16-037-L05-P

CE CREDIT: 1.5 hours

## 9:45–11:15 AM

### How to Get Started In Clinical Nutrition Research (T22)

#### LEARNING OBJECTIVES

1. Describe the process for developing a feasible research project
2. Develop research questions based on clinical practice observations
3. Incorporate close up involvement in the development and execution of clinical nutrition research

#### FACULTY & TOPICS

*Getting Started: A Step-by-Step Guide to Developing a Successful Research Project*

Sharon Foley, PhD, RD, LDN

*Clinical Nutrition Research with an Inter-Professional Team To Be Announced*

*Transforming Clinical Practice Into a Meaningful Research Project*  
Sarah Peterson, PhD, MS, RD, LD, CNSC

#### MODERATOR

Yimin Chen, MS, RD, CNSC

*Presented by the A.S.P.E.N. Research Section*

LEARNING LEVEL: Basic

UAN: 0216-0000-16-038-L04-P

CE CREDIT: 1.5 hours

## 9:45–11:15 AM

### When They Refuse To Eat: Strategies for Feeding and Transitioning Off Nutrition Support (T23)

#### LEARNING OBJECTIVES

1. Summarize the normal stages of texture introduction and strategies to prevent oral aversion when nutrition support is necessary
2. Identify signs and symptoms of oral aversions and articulate strategies for overcoming these aversions
3. Create a nutrition support plan for transitioning to oral feedings

#### FACULTY & TOPICS

*What Is Oral Aversion?*

Memorie M. Gosa, PhD, MS, CCC-SLP, BCS-S

*Transitioning from Nutrition Support to Oral Feedings*  
Diane Barsky, MD

#### MODERATOR

Mark R. Corkins, MD, CNSC, SPR, FAAP

*Presented by the A.S.P.E.N. Pediatric Section*

LEARNING LEVEL: Intermediate

UAN: 0216-0000-16-039-L01-P

CE CREDIT: 1.5 hours

## TUESDAY, JANUARY 19, 2016

**9:45–11:15 AM**

### Malnutrition and Frailty in the Older Adult: Etiologies and Interventions (T24)

#### LEARNING OBJECTIVES

1. Outline the etiologies for malnutrition and frailty in the older adult
2. Describe anabolic protein metabolism in the older adult with chronic disease
3. Outline options for addressing malnutrition in care transitions for the older adult

#### FACULTY & TOPICS

**Etiological and Consequential Interplay Between Malnutrition and Frailty in the Older Adult**

*Tommy Cederholm, MD, PhD*

**Net Protein Anabolism and Chronic Disease in the Older Adult**

*Nicolaas E. Deutz, MD, PhD*

**Malnutrition and Care Transitions in Older Adults; Prevalence, Interventions, and Policy**

*Rose Ann DiMaria-Ghalili, PhD, RN, CNSC, FASPEN*

#### MODERATOR

*Ainsley M. Malone, MS, RD, LD, CNSC, FAND, FASPEN*

**LEARNING LEVEL:** Intermediate

**UAN:** 0216-0000-16-043-L04-P

**CE CREDIT:** 1.5 hours

**12:30–2:00 PM**

### Ethical Issues and Effective Communication in Informed Consent Nutrition Therapies (T30)

#### LEARNING OBJECTIVES

1. Define the clinician's role in obtaining informed consent with nutrition support therapies
2. Identify one's own bias in obtaining informed consent, and strive to be as objective and honest as possible
3. Apply verbal and nonverbal communication skills in nutrition

support practice to achieve patient-centered care and prevent ethical dilemmas

#### FACULTY & TOPICS

**Ethical Challenges of Informed Consent With Nutrition Support Therapies**

*John Wesley, MD, FACS, FAAP, FASPEN*

**International Acting Out: Lessons Learned in Communication Skills**

*Denise Schwartz, MS, RD, CNSC, FADA, FAND, FASPEN*

#### MODERATOR

*Albert Barrocas, MD, FACS, FASPEN*

*Presented by the A.S.P.E.N. International Clinical Ethics Section*

**LEARNING LEVEL:** Intermediate

**UAN:** 0216-0000-16-041-L04-P

**CE CREDIT:** 1.5 hours

**12:30–2:00 PM**

### Manipulation of the Gut Microbiome to Improve Health Outcomes: Which Is Best? (T31)

#### LEARNING OBJECTIVES

1. Describe the influence of the gut microbiome on human physiology and health
2. Compare and contrast how diet and dietary supplements (prebiotics, probiotics) influence health outcomes by influencing the gut microflora
3. Provide a state of the art review of fecal microbial transplantation (FMT), the ultimate probiotic, as to its present FDA-approved indications and potential future applications

#### FACULTY & TOPICS

**Manipulation of the Gut Microbiome to Improve Health Outcomes: Probiotic Supplements are Best**

*Gerard E. Mullin, MD, CNSP*

**Manipulation of the Gut Microbiome to Improve Health Outcomes: Diet is best**

*Kelly A. Tappenden, PhD, RD, FASPEN*

**Fecal Microbial Transplantation (FMT): The Past, the Present, and the Future**

*John K. DiBaise, MD*

#### MODERATOR

*Gerard E. Mullin, MD, CNSP*

*Presented by the A.S.P.E.N. Medical Practice Section*

**LEARNING LEVEL:** Intermediate

**UAN:** 0216-0000-16-042-L04-P

**CE CREDIT:** 1.5 hours

**12:30–2:00 PM**

### Pediatric Basic Skills Lab (T32)

#### DESCRIPTION

Hands-on session. This program addresses a gap in knowledge for those who are new to pediatric nutrition support and is geared to provide basic information that can then be used as a foundation for understanding more complex issues. Most pediatric sessions at CNW assume a level of knowledge and this session will help the new clinician tie it all together. Designed to be a hands-on and interactive, attendees will choose what topics they want to hear and can feel free to drop-in at any station.

#### LEARNING OBJECTIVES

1. Integrate the new pediatric malnutrition guidelines into pediatric nutrition assessment
2. Develop an appropriate plan of care for a neonate or child requiring enteral nutrition including consideration of enteral formula and access device
3. Formulate a plan of care for a neonate or child receiving PN including an appropriate PN formula and access device

#### FACULTY & TOPICS

**Pediatric Enteral Access Devices**

*Kerrin Windsor, RGN, ACSC*

**Pediatric Nutrition Assessment**

*Cindy Hensley, MS, RD, LD, CNSC*

**Pediatric PN Order Writing**

*W. Frederick Schwenk, II, MD, FASPEN*

*Steve Plogsted, PharmD, BCNSP, CNSC*

**NICU PN Order Writing**

*M. Petrea Cober, PharmD, BCNSP*

**Neonatal/Infant Formulas and High Calorie Preparations**

*Carrie Smith, MS, RD*

**Feeding and Nutrition in Children With Neurodevelopmental Challenges**

*Gina Rempel, MD, FRCPC, FAAP*

**Central Venous Access Devices**

*Alexis Potemkin, BSN, RN*

**Pediatric Enteral Formulas**

*Elizabeth Bobo, MS, RD, LDN, CNSC*

**Human Milk and Fortification**

*Jackie Wessel, MEd, RD, CNSC, CSP, CLE*

#### MODERATOR

*Beth Lyman, RN, MSN, CNSC*

*Presented by the A.S.P.E.N. Pediatric Section*

**LEARNING LEVEL:** Basic

**UAN:** 0216-0000-16-043-L04-P

**CE CREDIT:** 1.5 hours

**12:30–2:00 PM**

### Support of the Critically Ill Patient With Organ Failure: Intervention and Outcomes (T33)

#### LEARNING OBJECTIVES

1. Develop a nutrition care plan for critically ill patients with respiratory failure
2. Determine appropriate energy and protein delivery and mode of feeding for the critically ill patient with acute liver failure
3. Prescribe appropriate micronutrient replacement for critically ill patients with acute kidney injury requiring renal replacement therapy
4. Describe the impact of preexisting malnutrition on risk of organ failure in critically ill patients

**Continued on next page**

 Pediatric Content

 Virtual Conference Session

 Spanish Translation

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 Pediatric Content

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## TUESDAY, JANUARY 19, 2016

T33, continued

### FACULTY & TOPICS

Management of Critically Ill Patients with Renal Failure

Kris Mogensen, MS, RD, LDN, CNSC

Management of Critically Ill Patients with Respiratory Failure

Malcolm Robinson, MD

Management of Critically Ill Patient with Liver Failure

Edward Saltzman, MD

Association of Malnutrition and Organ Failure in Critically Ill Patients  
Kenneth Christopher, MD, FCCM

### MODERATOR

Malcolm Robinson, MD

LEARNING LEVEL: Intermediate

UAN: 0216-0000-16-044-L01-P

CE CREDIT: 1.5 hours

## 12:30–2:00 PM

### Parenteral Nutrition Formulation Conundrum (T34)

#### LEARNING OBJECTIVES

1. Describe the risks and benefits of compounding PN solutions as 3-in-1 versus 2-in-1 admixtures in various populations
2. Identify factors affecting stability of 3-in-1 PN solutions and recognize conditions that may lead to destabilization
3. Evaluate the risks and benefits of using premixed PN versus individualized PN admixtures for a given patient or facility
4. List the current recommendations from the CDC, the A.S.P.E.N. PN Safety Consensus Recommendations, and current literature regarding the repackaging of IVFE and their appropriate hang times
5. Explain the rationale for repackaging IVFE in the neonatal population

### FACULTY & TOPICS

What's in The Bag? 3-in-1 Versus 2-in-1 PN

Amber Verdell, PharmD, BCPS, BCNSP

To Mix or Not to Mix, That Is the Question! Premixed Versus Customized PN Admixtures

Sara Bliss, PharmD, BCPS, BCNSP

It's a Wrap! Pros and Cons of Repackaging IVFE

M. Petrea Cober, PharmD, BCNSP

### MODERATOR

Carol J. Rollins, MS, RD, PharmD

LEARNING LEVEL: Intermediate

UAN: 0216-0000-16-045-L01-P

CE CREDIT: 1.5 hours

## 2:30–4:00 PM

### Intestinal Failure Transitions From Childhood to Adulthood (T40)

#### LEARNING OBJECTIVES

1. Discuss when is the best time to start the discussion of transitioning from a pediatric intestinal failure (IF) program to an adult one
2. List the challenges for continuing to care for a pediatric IF patient in a pediatric IF program as they enter adulthood
3. Describe the role of the parent in transition process

### FACULTY & TOPICS

Deciding When It's Time to Move Along...Or Not

Tom Jaksic MD, PhD

The Case for Keeping the Young Adult in a Pediatric Program

David F. Mercer, MD, PhD, FRCS(C)

Making the Case for Transfer to an Adult IF Program

Kishore Iyer MD

### MODERATOR

Maura O'Neill, MBA, RD, CNSC

LEARNING LEVEL: Advanced

UAN: 0216-0000-16-046-L01-P

CE CREDIT: 1.5 hours

## 2:30–4:00 PM

### Obesity Paradox (T41)

#### LEARNING OBJECTIVES

1. Identify nutritional risk and malnutrition in obese individuals
2. Describe clinicians' beliefs about the impact of obesity on outcomes in critical illness
3. Summarize the association of obesity with patient outcomes after critical illness

### FACULTY & TOPICS

Identifying Malnutrition in the Obese Patient

Rocco Barazzoni, MD

Obesity Paradox

Laszlo Kiraly, MD, FACS

Obesity Paradox in Critical Illness: Truth and Consequences

Hallie Prescott, MD, MSc,

### MODERATOR

Malcolm Robinson, MD

LEARNING LEVEL: Advanced

UAN: 0216-0000-16-047-L01-P

CE CREDIT: 1.5 hours

## 2:30–4:00 PM

### Medical Nutrition Therapies for IBD, Autism, and Seizure Disorders (T42)

#### LEARNING OBJECTIVES

1. Discuss the role of exclusive enteral nutrition and other exclusion diets in the treatment of inflammatory bowel disease
2. Summarize the studies associating diet with Autism
3. Discuss the role of diet in treating comorbidities of Autism
4. Describe the practical aspects of the ketogenic diet in treating epilepsy

### FACULTY & TOPICS

Diet vs. Medications: The Role of Nutritional Therapy in IBD  
David Suskind, MD

Diet in Autism: When and How Is Diet Important?

Cade Nylund, MD, MS, FAAP

The Ketogenic Diet in Epilepsy: Please Pass the Heavy Cream  
Rebecca Schultz, PhD, RN, CPNP,

### MODERATOR

Dale Lee, MD, MSCE

LEARNING LEVEL: Intermediate

UAN: 0216-0000-16-048-L01-P

CE CREDIT: 1.5 hours



Pediatric Content

Virtual Conference Session

Spanish Translation

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Pediatric Content

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Spanish Translation

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# TUESDAY, JANUARY 19, 2016

## 2:30–4:00 PM

### Issues With Post-Pyloric Administration of Medication (T43)

#### LEARNING OBJECTIVES

1. Identify the overall issues with changes in kinetics that are expected with this route
2. Examine osmolarity of extemporaneously compounded medications
3. Identify special challenges with these patients at the bedside

#### FACULTY & TOPICS

**Uninvited Guests: The Issues With Formulations of Drugs Administered Post-Pyloric**

*Mark Klang, MS, RPh, BCNSP, PhD*

**The Pharmacodynamics of Drug Administration Past the Pylorus**  
*Lingtak-Neander Chan, PharmD, BCNSP*

**Nursing Issues When Administering Medications in Post-Pyloric Feeding Tubes, or How Am I Supposed to Get This in There?**

*Merin Kinikini, DNP, FNP, RD, CNSC*

#### MODERATOR

Mark Klang, MS, RPh, BCNSP, PhD

*Presented by the A.S.P.E.N. Drug Nutrient Interactions Section*

**LEARNING LEVEL:** Intermediate

**UAN:** 0216-0000-16-049-L01-P

**CE CREDIT:** 1.5 hours



 Pediatric Content

 Virtual Conference Session

 Spanish Translation

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# CONTINUING EDUCATION (CE) INFORMATION

## CONFERENCE GOALS AND TARGET AUDIENCE

Clinical Nutrition Week is designed for dietitians, nurses, pharmacists, physicians, researchers, and others who practice the sciences of clinical nutrition and metabolism. This conference will provide nutrition support professionals with current and cutting-edge information in the field of nutrition support, clinical nutrition, and metabolism.

## CONFERENCE OBJECTIVES

Upon conclusion of the conference, attendees will be able to:

- Challenge current clinical practices
- Integrate evidence-based updates into practice
- Reflect on the implications of current research
- Identify gaps in knowledge that require further education and training

## LEARNING LEVELS

To assist in selecting sessions that are most appropriate for you, each session will be identified by learning level: Basic, Intermediate, or Advanced. Basic assumes little or no prior knowledge of areas covered. The basic session is aimed toward individuals building a foundation for competent practice. Intermediate assumes a general knowledge of the literature and clinical practice within the areas covered. Intermediate sessions are aimed toward individuals wishing to expand their skills and knowledge base. Advanced assumes thorough knowledge of the literature and clinical practice within the areas covered. Advanced sessions are aimed toward individuals seeking a synthesis of recent advances and future directions.

## SUCCESSFUL COMPLETION

A.S.P.E.N. provides CE credit to physicians, nurses, pharmacists, and dietitians who attend in full each session claimed for credit and complete the program evaluation process within the electronic CE system in A.S.P.E.N.'s eLearning Center, which is accessible from any internet connection at [www.nutritioncare.org/elearning](http://www.nutritioncare.org/elearning). Registered conference attendees may log in using the email address and password on file with A.S.P.E.N.

## INTERNATIONAL ATTENDEES

Attendee feedback is essential in the continued improvement of A.S.P.E.N.'s educational programs, including Clinical Nutrition Week. International attendees are encouraged to use the electronic system to submit evaluations for the sessions attended and the overall conference. Through the electronic system, detailed documentation of the sessions attended at CNW16 will be provided on a discipline specific certificate.

## VIRTUAL CONFERENCE

A virtual conference option is available to those unable to attend CNW16 in person. The virtual conference is presented live in real-time to virtual attendees. Virtual attendees are able to ask questions and interact with speakers as if they were attending in person. Participants in the virtual conference must follow identical processes for successful completion and all accreditation guidelines apply.

## SYSTEM REQUIREMENTS FOR THE CNW16 VIRTUAL CONFERENCE

- Adobe Flash Plugin
- Internet Explorer 7+, Mozilla Firefox, Google Chrome, Safari
- Broadband Internet connection

\*Also compatible with iOS and Android-based tablets and smartphones.

## ACCREDITATION

### Nurses, Pharmacists, and Physicians:

Jointly provided conference sessions are acknowledged in the conference brochure in conjunction with the session descriptions. For example: "Contributed by Dietitians in Nutrition Support—a practice group of the Academy of Nutrition and Dietetics (DNS)".

### For all sessions:

A.S.P.E.N. is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and Accreditation Council for Continuing Medical Education (ACCME), to provide continuing education for the healthcare team.

A maximum of 20.5 contact hours/2.05 CEUs may be earned for Clinical Nutrition Week 2016. A maximum of 19.0 contact hours/1.90 CEUs may be earned for participation in the virtual offering of Clinical Nutrition Week 2016.



# CONTINUING EDUCATION (CE)

## INFORMATION

UAn are provided with each session description. Sessions not displaying UAn are unavailable for pharmacy credit.

A.S.P.E.N. is approved by the California Board of Registered Nursing, provider number CEP 3970.

Pre-conference (01/16/2016): A.S.P.E.N. designates this live activity for a maximum of 8.0 *AMA PRA Category 1 Credits*<sup>™</sup>; Main Conference (01/16/2016 – 01/19/2016): A.S.P.E.N. designates this live activity for a maximum of 20.5 *AMA PRA Category 1 Credits*<sup>™</sup>; Virtual Conference (01/16/2016 – 01/19/2016): A.S.P.E.N. designates this live activity for a maximum of 19.0 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.



**Dietitians:**

A.S.P.E.N., Provider AM005, is a Continuing Professional Education (CPE) Accredited Provider with the Commission



on Dietetic Registration (CDR). Registered dietitians (RD's) and dietetic technicians, registered (DTRs) will receive a maximum of 8.0 continuing professional

education units (CPEUs) for pre-conference program/materials, a maximum of 20.5 CPEUs for main conference program/materials or a maximum of 19.0 CPEUs for virtual conference program/materials.

CDR program levels are equivalent to the "basic," "intermediate," or "advanced" difficulty indicators found with session titles. RDs may also receive 3 CPEUs for interacting with exhibitors and 2 CPEUs for Poster Presentations. Dietitians may post opinions of the program on CDR's website.

**CONTINUING EDUCATION  
CREDIT HOURS**

Pre-conference programming on Saturday, January 16, 2016 provides a maximum of 8.0 continuing education contact hours. Programs include: Research Workshop (6.5 hours), Nutrition for the Practicing Pediatric Clinician Courses (4 hours each), Nutrition Support Fundamentals and Review Course and the Parenteral Nutrition Order Writing Workshop (8 hours) and Post Graduate Courses (4–7 hours each as indicated with the course description).

CNW16 MAIN CONFERENCE PROGRAMMING	MAXIMUM HOURS
Saturday January 16, 2016	1.0
Sunday January 17, 2016	6.5
Monday January 18, 2016	7.0
Tuesday January 19, 2016	6.0
Maximum for Main Conference*	20.5

Additional credit for Dietitians only: Exhibits (3 hours) and Poster Sessions (1 hour each)

\*Any additional credit that may be available for practice section meetings will be announced in the onsite program book.

CNW16 VIRTUAL CONFERENCE PROGRAMMING	MAXIMUM HOURS
Saturday January 16, 2016	1.0
Sunday January 17, 2016	5.0
Monday January 18, 2016	7.0
Tuesday January 19, 2016	6.0
Maximum for Virtual Main Conference	19.0

**NOTICES**

- Ancillary/satellite programs and corporate symposia are not provided by A.S.P.E.N. for continuing education credit
- Faculty and planner disclosures and resolution of conflicts, if any, will appear in the onsite program materials and/or syllabi, not this brochure
- Information regarding discussion of the off label use of products, if any, will be provided in the onsite program materials and/or syllabi, not this brochure
- Detailed sponsorship and commercial support information will be provided in the onsite program materials, not this brochure
- A.S.P.E.N. subscribes to the ACCME Standards for Commercial Support
- A.S.P.E.N. does not provide programs that constitute advertisement or include promotional content. A.S.P.E.N. does not endorse any products.
- Additional details on the claiming and awarding of continuing education credits will be provided in the onsite program materials, not this brochure

**PRIVACY**

A.S.P.E.N. respects the privacy of its members and website visitors. Companies that receive personal information from A.S.P.E.N. in order to execute the business of A.S.P.E.N. may use personal information only for that purpose.

**GRIEVANCES**

Should be addressed in writing to: Director of Education and Research, A.S.P.E.N. 8630 Fenton Street, Suite 412, Silver Spring, MD 20910.

**AMERICANS WITH DISABILITIES ACT  
AND SPECIAL SERVICES**

A.S.P.E.N. will provide reasonable accommodation to attendees with disabilities or special needs who attend CNW16. If you require special services, please contact a member of our customer service team prior to your arrival at CNW16, at [aspen@nutr.org](mailto:aspen@nutr.org) or call 800.727.4567 (US and Canada) or 301.587.6315 (international).

**DEFINITIONS**

- Contributed by: signifies that an organization outside A.S.P.E.N. has contributed content for the session. For example: "Contributed by the Canadian Nutrition Society (CNS)"
- Presented by: signifies that a chapter or section within A.S.P.E.N. is presenting the session. For example: "Presented by the A.S.P.E.N. Ibero Latin American Section (ILAS)"
- Supported in part by: signifies that an organization or commercial entity outside A.S.P.E.N. has provided financial resources such as an unrestricted educational grant for the session. For example: "Supported in part by Nutrition Company X"

# REGISTRATION AND GENERAL INFORMATION

## REGISTRATION CATEGORIES

- MD, DO, DVM, Non-Health/Industry Professional
- RD, RN, RPh/PharmD, Nurse Practitioner, Physician Assistant, PhD, Other Health Professional
- New Practitioner/Trainee: Those who are within two years of graduation or receiving licensure to practice in the field, as well as all those completing paid internships, fellowships, or residencies may apply as trainees.
- Student: Undergraduate and graduate students taking a minimum of 12 credit hours and all those completing unpaid internships, capstone experiences, or any form of prerequisite training for graduation from a degree-granting institution.

Note: Verification of registration category must be received prior to the advance registration cutoff date or the regular registration rate will apply and additional payment will be required at onsite registration.

### International Attendees:

Start planning now to attend! It's never too early to begin your travel visa process. If you would like to request a letter of invitation to CNW16, inquire about group registrations of ten or more, or request wire transfer information, please contact A.S.P.E.N. at [info@nutritioncare.org](mailto:info@nutritioncare.org) or 301.587.6315. Individuals must be registered for CNW16 to receive an invitation letter and wire transfers must be received by January 6, 2016.

**Savings!** Become an A.S.P.E.N. member when you register for CNW16 and save on the full cost of the conference, pre-conference rates, and all purchases in the A.S.P.E.N. bookstore. A \$25 administrative fee will be assessed if you choose to join A.S.P.E.N. after you have registered at the nonmember rate for CNW16.

## CANCELLATION POLICY

All cancellation requests must be sent in writing to the A.S.P.E.N. national office via email, fax, or standard mail. Cancellation requests made via telephone will not be accepted. A refund of the registration fee less a \$90 administrative fee for the main conference and \$25 for each pre-conference course will be issued if received *on or before November 11, 2015*. Cancellation requests received *after November 11, 2015 and on or before January 6, 2016* will receive 50% of all monies paid **less** the same administration fees above. No refund will be issued after **January 6, 2016**, including paid registrants who do not show.

A.S.P.E.N. is not responsible for problems beyond our control, such as weather conditions. No refunds will be given in these situations.

### Written requests via email may be submitted to:

[info@nutritioncare.org](mailto:info@nutritioncare.org)

Subject Line: *CNW16 Cancellation*

### Written requests via fax may be faxed to: 301-587-2365

### Written requests via standard mail may be submitted to:

A.S.P.E.N. – *CNW16 Cancellation*  
8630 Fenton Street, Ste 412  
Silver Spring, MD 20910

*Must be postmarked by deadline dates above*

*Refunds will be issued approximately 4-6 weeks after the conclusion of the conference.*

**When you register for the conference, you will be confirming that you have reviewed and understand this attendee registration refund policy.**

## SUBSTITUTION POLICY

Substitution of registrations is permitted prior to the conference for an additional \$25 fee per attendee substituted. The cut-off date for substitutions is **January 6, 2016**. Only one substitution is permitted per original registrant. Please submit a brief note requesting the substitution, a copy of the previous registrant's confirmation and a completed registration form for the new attendee (i.e. the person you are transferring the registration to) via mail, fax or email and we will process the transfer and email a confirmation to the new attendee. The individual submitting the substitution request is responsible for all financial obligations (any balance due) associated with that transfer as well as updating any contact information at the time of the substitution. Any changes in courses are subject to availability and any refunds for canceled registrations are subject to the refund policy.

## RECEIPT OF PAYMENT POLICY

Registration forms submitted without payment will be processed at the appropriate rate based on the date that payment is received.

## QUESTIONS?

A.S.P.E.N.'s customer service team is available to answer your questions about CNW. Please contact a member of our team at [info@nutritioncare.org](mailto:info@nutritioncare.org) or by dialing 800.727.4567 (U.S. and Canada) or 301.587.6315 (international).



HOTEL INFORMATION

We've contracted with the best hotels Austin has to offer while keeping in mind their proximity to the convention center, competitive room rates, and great access and options to downtown entertainment for your convenience.

Review the hotels below and then go to [www.nutritioncare.org/CNWTravel](http://www.nutritioncare.org/CNWTravel) to make your reservation. Don't delay – A.S.P.E.N.'s hotels are very popular and our room blocks are reserved quickly.

THE HILTON AUSTIN (HEADQUARTERS HOTEL)

\$239 single/double

500 E 4th St  
Austin, TX 78701

Situated downtown adjacent to the Convention Center, this hotel is surrounded by the city's most vibrant shopping, dining, and entertainment scene.

JW MARRIOTT AUSTIN

\$219 single/double

110 East 2nd Street  
Austin, TX 78701

This luxury hotel in downtown Austin offers an unrivaled experience in accommodations and meeting just two blocks from the Convention Center and walking distance to the best entertainment options Austin has to offer.

COURTYARD & RESIDENCE INN AUSTIN

\$205 single/double

110 East 2nd Street  
Austin, TX 78701

Located just one block from the Convention Center and within walking distance to the popular 6th Street and Warehouse Distracts, this hotel offers brand new modern amenities with true Texan hospitality.

HYATT PLACE AUSTIN DOWNTOWN

\$199 single/double

211 East 3rd Street  
Austin, TX 78701

Located a one block from the convention center and three blocks from 6th Street, this hotel is the perfect choice of downtown Austin.

HAMPTON INN AUSTIN DOWNTOWN

\$195 single/double

200 San Jacinto Blvd.  
Austin, TX 78701

Located just one block from the Austin Convention Center and within walking distance of Sixth Street entertainment.

HILTON GARDEN INN AUSTIN

\$209 single/double

500 N. IH-35  
Austin, TX 78701

An 8-minute walk from the Austin Convention Center, this modern business hotel is also less than an 8-mile drive from Austin-Bergstrom Airport and just a few blocks from prime downtown Austin entertainment.

Please note that all hotel rates quoted do not include local taxes, which are currently 15%.

Have you decided on your preferred hotel? Visit [www.nutritioncare.org/CNWTravel](http://www.nutritioncare.org/CNWTravel) or call 866-645-0605 to reserve your room.



clinical nutrition week 2016

REGISTRATION FORM  
JANUARY 16-19, 2016  
AUSTIN CONVENTION CENTER | AUSTIN, TX

THREE EASY WAYS TO REGISTER:  
• Online: [www.nutritioncare.org/cnw](http://www.nutritioncare.org/cnw)  
• Fax: By January 6, 2016 to 301-587-2365  
• Mail: Received by January 6, 2016 to: A.S.P.E.N. 8630 Fenton Street, Ste. 412 Silver Spring, MD 20910

YOUR REGISTRATION WILL BE CONFIRMED VIA EMAIL

PLEASE PRINT CLEARLY OR TYPE

I am registering for CNW16 as a:

- ☐ Current A.S.P.E.N. Member ID# \_\_\_\_\_
- ☐ New Member—Joining with conference discount rate
- ☐ Non-Member

Prefix:  
☐ Dr.      ☐ Mr.      ☐ Mrs.      ☐ Ms.

Discipline (required):  
☐ Dietitian                      ☐ Physician  
☐ Nurse                           ☐ Physician Assistant  
☐ Nurse Practitioner   ☐ PhD  
☐ Pharmacist  
☐ Other (Please Specify) \_\_\_\_\_  
☐ Specialty: \_\_\_\_\_

Last Name                      First Name                      Nickname (for badge)                      Credentials

Company/Institution

Mailing Address

City                      State/Province                      Zip/Postal code                      Country

Daytime Telephone Number                      Email Address      ☐ Home      ☐ Business  
Required for confirmation purposes.

I. CNW16 FULL CONFERENCE REGISTRATION RATES Conference begins at 4:30 PM on Saturday, January 16 and ends at 5:00 PM on Tuesday, January 19. Full conference registration does not include pre-conference courses listed below.							
REGISTRATION TYPE	Early Bird by 11/11/2015		Advance by 1/6/2016		Standard/Onsite after 1/6/2016		
	Member	Non-Member	Member	Non-Member	Member	Non-Member	
MD,DO,DVM,Non-health/Industry Professional	<input type="checkbox"/> \$545	<input type="checkbox"/> \$745	<input type="checkbox"/> \$645	<input type="checkbox"/> \$845	<input type="checkbox"/> \$745	<input type="checkbox"/> \$945	
RD,RN,RPh/PharmD, PhD, NP, PA, Other Health Professional	<input type="checkbox"/> \$485	<input type="checkbox"/> \$685	<input type="checkbox"/> \$585	<input type="checkbox"/> \$785	<input type="checkbox"/> \$685	<input type="checkbox"/> \$885	
New Practitioner/Trainee*	<input type="checkbox"/> \$445	<input type="checkbox"/> \$645	<input type="checkbox"/> \$545	<input type="checkbox"/> \$745	<input type="checkbox"/> \$645	<input type="checkbox"/> \$845	
Student*	<input type="checkbox"/> \$95	<input type="checkbox"/> \$155	<input type="checkbox"/> \$95	<input type="checkbox"/> \$155	<input type="checkbox"/> \$95	<input type="checkbox"/> \$155	
*Documentation required, please contact member services at 800-727-4567.							
FULL CONFERENCE REGISTRATION TOTAL							\$
II. DAILY REGISTRATION RATES Includes all educational sessions and access to the Exhibit Hall for one day.							
Select One: <input type="checkbox"/> Sunday <input type="checkbox"/> Monday <input type="checkbox"/> Tuesday	Early Bird by 11/11/2015		Advance by 1/6/2016		Standard/Onsite after 1/6/2016		
	Member	Non-Member	Member	Non-Member	Member	Non-Member	
	<input type="checkbox"/> \$285	<input type="checkbox"/> \$ 385	<input type="checkbox"/> \$285	<input type="checkbox"/> \$385	<input type="checkbox"/> \$485	<input type="checkbox"/> \$585	
							\$
III. PRE-CONFERENCE COURSES (Full conference registration is not required to attend pre-conference courses)							
SATURDAY, JANUARY 16			Regular Registration Rate		Student & Trainee Registration Rate		
A.S.P.E.N. Research Workshop: Fat Emulsions and Protein Delivery to the Critically Ill Patient (RW-2016) 7:30 AM–4:00 PM			<input type="checkbox"/> \$185		<input type="checkbox"/> \$95		
RESEARCH WORKSHOP REGISTRATION TOTAL							\$
SATURDAY, JANUARY 16 Fees indicated are per course.	Early Bird by 11/11/2015		Advance by 1/6/2016		Standard/Onsite after 1/6/2016		
	Member	Non-Member	Member	Non-Member	Member	Non-Member	
Nutrition Support Fundamentals and Review Course (NSFRC-2016) 7:00 AM–4:00 PM	<input type="checkbox"/> \$225	<input type="checkbox"/> \$325	<input type="checkbox"/> \$245	<input type="checkbox"/> \$345	<input type="checkbox"/> \$275	<input type="checkbox"/> \$375	
Post Graduate Course #1: Fluids, Electrolytes and Acid Base: Building a Foundation (PG1-2016) 7:00–11:00 AM	<input type="checkbox"/> \$125	<input type="checkbox"/> \$225	<input type="checkbox"/> \$145	<input type="checkbox"/> \$245	<input type="checkbox"/> \$175	<input type="checkbox"/> \$275	
Post Graduate Course #2: Nutrition in Critical Care (PG2-2016) 12:00–4:00 PM	<input type="checkbox"/> \$125	<input type="checkbox"/> \$225	<input type="checkbox"/> \$145	<input type="checkbox"/> \$245	<input type="checkbox"/> \$175	<input type="checkbox"/> \$275	
Post Graduate Course #3: Fine Tuning Your Practice with Nutrition Focused Physical Examination (PG3-2016) 8:00 AM–4:00 PM	<input type="checkbox"/> \$225	<input type="checkbox"/> \$325	<input type="checkbox"/> \$245	<input type="checkbox"/> \$345	<input type="checkbox"/> \$275	<input type="checkbox"/> \$375	
Nutrition for the Practicing Pediatric Clinician: Specialized Nutrition Support in Pediatrics (NPPC-2016) 7:00–11:30 AM	<input type="checkbox"/> \$125	<input type="checkbox"/> \$225	<input type="checkbox"/> \$145	<input type="checkbox"/> \$245	<input type="checkbox"/> \$175	<input type="checkbox"/> \$275	
PRE-CONFERENCE COURSES REGISTRATION TOTAL							\$

(continued on back — please submit both pages 1 and 2)

Please use one registration form per person • Photocopy for multiple registrations • Do not mail or fax form after January 6, 2016



PLEASE PRINT CLEARLY OR TYPE:

LAST NAME

FIRST NAME

IV. PARENTERAL NUTRITION ORDER WRITING WORKSHOP (PNW-2016)							
	Early Bird by 11/11/2015		Advance by 1/6/2016		Standard/Onsite after 1/6/2016		
	Member	Non-Member	Member	Non-Member	Member	Non-Member	
Saturday, January 16, 7:00 AM–4:00 PM	<input type="checkbox"/> \$295	<input type="checkbox"/> \$425	<input type="checkbox"/> \$345	<input type="checkbox"/> \$475	<input type="checkbox"/> \$395	<input type="checkbox"/> \$525	
WRITING WORKSHOP REGISTRATION TOTAL							\$

V. CNW15 VIRTUAL CONFERENCE							
	Early Bird by 11/11/2015		Advance by 1/6/2016		Standard/Onsite after 1/6/2016		
	Member	Non-Member	Member	Non-Member	Member	Non-Member	
Saturday, January 16–Tuesday, January 19 CNW16 Virtual Conference (Includes 12 preselected sessions from the main conference)	<input type="checkbox"/> \$315	<input type="checkbox"/> \$515	<input type="checkbox"/> \$415	<input type="checkbox"/> \$615	<input type="checkbox"/> \$515	<input type="checkbox"/> \$715	
VIRTUAL CONFERENCE REGISTRATION TOTAL							\$

VI. A.S.P.E.N. MEMBERSHIP — SAVE NOW! Join A.S.P.E.N. and save on the cost of the conference, pre-conference courses and all purchases in the A.S.P.E.N. Bookstore!			
Categories:	U.S. MEMBER RATE	INTERNATIONAL MEMBER RATE	
MD, DO, DVM, Non-health/Industry Professional	<input type="checkbox"/> \$215	<input type="checkbox"/> \$235	
Dietitian, Nurse, Nurse Practitioner, Pharmacist, PhD, Physician Assistant, and Other Health Professional	<input type="checkbox"/> \$145	<input type="checkbox"/> \$165	
New Practitioner/Trainee*	<input type="checkbox"/> \$100	<input type="checkbox"/> \$100	
Student*	<input type="checkbox"/> \$50	<input type="checkbox"/> \$50	
*Documentation required, please contact member services at 301-920-9120.			
MEMBERSHIP DUES TOTAL			\$

VII. A.S.P.E.N. RHOADS RESEARCH FOUNDATION DONATION (Contributions are tax deductible to the fullest extent permitted by law)					
<input type="checkbox"/> \$25	<input type="checkbox"/> \$50	<input type="checkbox"/> \$100	<input type="checkbox"/> \$500	<input type="checkbox"/> Other \$_____	\$
In Honor/Memory of _____					

GRAND TOTAL \$ \_\_\_\_\_

Contact the A.S.P.E.N. office if you have special needs related to a disability.

HOW DID YOU HEAR ABOUT CNW?

☐ Advertisement

☐ Website

☐ E-mail

☐ Direct Mail

☐ Colleague

☐ Other \_\_\_\_\_

BUY 3 GET 1 FREE

If you are a member of a Buy 3 Get 1 Free group, please provide the name of your institution and the names of the other 3 individuals. \_\_\_\_\_

ARE YOU A FIRST TIME ATTENDEE?

☐ Yes

☐ No

VIII. PAYMENT INFORMATION

- ☐ Check payment enclosed, made payable to A.S.P.E.N. (US Dollars drawn on a US Bank)
- ☐ I prefer to charge my: 

☐ American Express

☐ Discover

☐ Mastercard

☐ VISA
- ☐ I authorize A.S.P.E.N. to charge my credit card for the conference fees as indicated above. If I have miscalculated the conference fees, I authorize A.S.P.E.N. to make the necessary adjustments and to charge my card accordingly.

Card #

Expiration Date (mm/yy)

CVV2 #

Printed Name (as it appears on the card—please print clearly)

Cardholder's Signature

**Cancellation Policy** All cancellation requests must be sent in writing to the A.S.P.E.N. national office via fax, email or standard mail. Cancellation requests made via telephone will not be accepted. A refund of the registration fee, minus a \$90 administrative fee for the main conference and \$25 for each pre-conference course will be issued if received on or before November 11, 2015. Cancellation requests received after November 11, 2015 and on or before January 6, 2016 will receive 50% of all monies paid less the same administration fees above. No refunds will be issued after January 6, 2016, including paid registrants who do not show. A.S.P.E.N. is not responsible for problems beyond our control such as weather conditions. No refunds will be given in these situations. Written requests via fax may be faxed to: 301-587-2365. Written requests via e-mail may be submitted to: aspen@nutritioncare.org—Subject Line: CNW16 Cancellation. Written requests via standard mail may be submitted to: A.S.P.E.N.—CNW16 Cancellation, 8630 Fenton Street, Ste 412, Silver Spring, MD 20910. Must be postmarked by deadline dates above. Refunds will be issued approximately 4-6 weeks after the conclusion of the conference. When you request a refund, you will be confirming that you have reviewed and understand this attendee registration refund policy.

**Substitution Policy** Substitution of registrations is permitted prior to the conference for an additional \$25 fee. The cut-off date for substitutions is January 6, 2016. Only one substitution is permitted per original registrant. Please submit a brief note requesting the substitution, a copy of the previous registrant's confirmation and a completed registration form for the new attendee (i.e. the person you are transferring to) via standard mail, fax or email and we will process the transfer and email a confirmation to the new attendee. The individual submitting the substitution request is responsible for all financial obligations (any balance due) associated with that transfer as well as updating any contact information, at the time of the substitution. Any changes in courses are subject to availability and any refunds for canceled registrations are subject to the refund policy.

**Liability and Photography Waiver** I agree and acknowledge that my participation in various Clinical Nutrition Week ("CNW") events may give rise to occasional instances of loss or injury. Except to the extent that such instances may result from the negligence or misconduct of A.S.P.E.N., I hereby waive and release any claims that I might have against A.S.P.E.N. and its employees, members and representatives. I understand that A.S.P.E.N. may, at its option, make photographs, videos or recordings of CNW events, which may include my likeness or participation, and reproduce them in A.S.P.E.N. educational, news or promotional material, whether in print, electronic or other media, including the A.S.P.E.N. Web site (www.nutritioncare.org) and A.S.P.E.N. managed social media sites. By participating in CNW, I hereby grant A.S.P.E.N. permission to make, use and distribute such items, and I waive any rights to seek payment or compensation.

clinical nutrition week 2016

BUY 3 GET 1 FREE

HERE'S HOW IT WORKS:



REGISTER THREE PEOPLE  
FOR FULL-CONFERENCE REGISTRATION



RECEIVE THE 4TH FULL-CONFERENCE  
REGISTRATION FREE



CALL 301-587-6315

Bring your coworkers along and save! Back by popular demand, A.S.P.E.N. is pleased to offer a group registration discount for CNW16. Register 3 people from your hospital or institution and receive the 4th registration free! Email [info@nutritioncare.org](mailto:info@nutritioncare.org) or call 301-587-6315 for more information.

Lowest registration category rate waived. Individuals must be employed by the same physical institution and same campus of that institution.

ATTEND CNW AND BRING  
YOUR ADMINISTRATOR FOR FREE!

CNW presents a unique opportunity to expose your hospital administrator to the intricacies of clinical nutrition—and A.S.P.E.N. would like to help you raise awareness of the importance of your position. Register for the main conference and A.S.P.E.N. will provide a COMPLIMENTARY registration for your administrator.

Email [info@nutritioncare.org](mailto:info@nutritioncare.org) or call 301-587-6315 for more information.

\*Administrator includes those with titles such as CMO, CEO, CFO, and other similar roles. If you're not sure if your administrator qualifies, email [info@nutritioncare.org](mailto:info@nutritioncare.org).



LEADING THE SCIENCE AND  
PRACTICE OF CLINICAL NUTRITION  
American Society for Parenteral and Enteral Nutrition





8630 Fenton Street, Suite 412  
Silver Spring, MD 20910

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Join the conversation on [Facebook](#) and [Twitter](#) using **#CNW16**

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