

• **Name:** Charlene Compher, PhD, RD, CNSC, LDN, FADA, FASPEN

• **Current Position:** Professor of Nutrition Science

• **Country:** USA

• **Educational Background:**

Ph.D. 1999 Drexel University (Biology/Nutrition Science)

M.S. 1982 Drexel University (Nutrition Science)

B.A. 1970 University of Tennessee (German, Mathematics)

• **Professional Experiences:**

ACADEMIC POSITIONS

- 2016- Shearer Endowed Term Chair in Healthy Community Practices, Professor of Nutrition Science; Director of Nutrition Programs; University of Pennsylvania, School of Nursing, Philadelphia, PA.
- 2012- Professor of Nutrition Science, University of Pennsylvania, School of Nursing, Philadelphia, PA Joint appointment, Perelman School of Medicine, Department of Surgery, Director of Nutrition Minor.
- 2007-2012 Associate Professor of Nutrition Science, University of Pennsylvania, School of Nursing, Philadelphia, PA. Joint appointment, Perelman School of Medicine, Department of Surgery, Director of Nutrition Minor.
- 2008- Senior Fellow, Center for Public Health Initiatives, University of Pennsylvania, Philadelphia, PA.
- 2007- Associate Director, Nutrition Core, Clinical Translational Research Center, University of Pennsylvania, Philadelphia, PA.
- 2001-2007 Assistant Professor of Nutrition Science, University of Pennsylvania, School of Nursing, Philadelphia, PA. Joint appointment, Perelman School of Medicine, Department of Surgery, Director of Nutrition Minor.
- 2004-2008 Graduate Program in Public Health Studies faculty.
- 2000-2001 Instructor, University of Pennsylvania School of Nursing, Philadelphia, PA.
- 2000-2001 Adjunct Professor, Drexel University, Philadelphia, PA.
- 1999-2001 Research Associate, Department of Surgery, University Pennsylvania School of Medicine, Philadelphia, PA
- 1991-1994 Academic and Clinical Instructor, Nutrition Support Dietitian Fellows, Hospital of the University of Pennsylvania, Philadelphia, PA
- 1991-1994 Adjunct Clinical Instructor, Immaculata College, Philadelphia, PA
- 1990-1999 Clinical Preceptor, MD Fellows, Nutrition Support Service, Hospital of the University of Pennsylvania, Philadelphia, PA
- 1989-1990 Adjunct Clinical Lecturer, Drexel University, Philadelphia, PA

CLINICAL AND ADMINISTRATIVE POSITIONS

2016-	Director, Microbiome-related Diet Assessment Research, Penn-CHOP Microbiome Program
2015-	Vice-Chair, Biobehavioral Health Sciences Department, University of Pennsylvania, School of Nursing, Philadelphia, PA
2006-	Advanced Practice Clinical Dietitian Specialist, Home Parenteral Nutrition Program, Clinical Nutrition Support Service, Hospital of the University of Pennsylvania, Philadelphia, PA
2001-2006	Clinician Educator, Clinical Nutrition Support Service, Hospital of the University of Pennsylvania, Philadelphia, PA
1999-2001	Senior Clinical Specialist, Clinical Nutrition Support Service, University of Pennsylvania Medical Center, Philadelphia, PA
1999-2001	Program Development Specialist, Surgical Obesity Clinical Practice and Research Initiative. Clinical Nutrition Support Service, Departments of Surgery, Psychiatry, Hospital of the University of Pennsylvania, Philadelphia, PA
1987-99	Dietitian Clinical Specialist, Clinical Nutrition Support Services, Coordinator, Indirect Calorimetry Program, Hospital of the University of Pennsylvania, Philadelphia, PA
1985-87	Renal Dietitian Specialist, Hahnemann University Hospital, Philadelphia, PA
1982-85	Nutrition Support Dietitian Specialist, Parkview Hospital, Philadelphia, PA
1976-82	Renal Dietitian Specialist, Haverford Dialysis Unit, Bryn Mawr, PA

• Professional Organizations:International

European Society for Parenteral and Enteral Nutrition	2004-
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National

American Public Health Association	2010-
American Society for Nutritional Sciences	2000-
The Obesity Society	1999-
American Dietetic Association	1982-
American Society for Parenteral and Enteral Nutrition	1982-

State

Pennsylvania Dietetic Association	1982-
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Local

Philadelphia Society for Parenteral and Enteral Nutrition	1990-
Philadelphia Dietetic Association	1982-

• Main Scientific Publications:

1. Among the many challenges facing clinical nutrition support practitioners are the identification and treatment of malnutrition and the management of critically ill patients. We have made contributions to these issues with prospective data collection and secondary analysis of large databases.
 - a. #Compher C, Higashiguchi T, Yu J, Jensen J. Does Low Body Mass Index Predict Hospital Mortality in Adult Western or Asian Patients? *JPEN* 2017, Jun 1:148607117713182 doi:10.1177/0148607117713182. [Epub ahead of print]
 - b. *Compher C, Chittams J, Sammarco T, Nicolo M, Heyland DK. [Greater Protein and Energy Intake May Be Associated With Improved Mortality in Higher Risk Critically Ill Patients: A Multicenter, Multinational Observational Study](#). *Crit Care Med*. 2017 Feb;45(2):156-163. doi: 10.1097/CCM.0000000000002083.PMID:28098623
 - c. Compher C, Mehta NM. [Diagnosing Malnutrition: Where Are We and Where Do We Need to Go?](#) *J Acad Nutr Diet*. 2016 May;116(5):779-84. doi: 10.1016/j.jand.2016.02.001. No abstract available. PMID: 27126152.
 - d. Paris MT, Mourtzakis M, Day A, Leung R, Watharkar S, Kozar R, Earthman C, Kuchnia A, Dhaliwal R, Moisey L, Compher C, Martin N, Nicolo M, White T, Roosevelt H, Peterson S, Heyland DK. Validation of Bedside Ultrasound of Muscle layer Thickness of the Quadriceps in the Critically Ill Patient (VALIDUM Study): a Prospective Multicenter Study. *JPEN J Parenter Enteral Nutr* 2016; epub 3/10/2016; DOI: 10.1177/0148607116637852.
 - e. Kuchnia A, Earthman C, Teigen L, Cole A, Mourtzakis M, Paris M, Looijaard W, Weijs P, Oudemans-van Straaten H, Beilman G, Day A, Leung R, Compher C, Dhaliwal R, Peterson S, Roosevelt H, Heyland DK. [Evaluation of Bioelectrical Impedance Analysis in Critically Ill Patients: Results of a Multicenter Prospective Study](#). *JPEN J Parenter Enteral Nutr*. 2016 May 24. pii: 0148607116651063. [Epub ahead of print] PMID:27221673
 - f. Beckman LM, Boullata JI, Fisher PL, Compher CW, Earthman CP. Evaluation of lean body weight by dual-energy x-ray absorptiometry measures. *JPEN J Parenter Enteral Nutr*. 2015 Jul 28. pii: 0148607115595223. [Epub ahead of print] PMID: 2622019
 - g. Nicolo M, Heyland DK, Chittams J, Sammarco T, Compher C. Clinical Outcomes Related to Protein Delivery in a Critically Ill Population: A Multicenter, Multinational Observation Study. *JPEN*, 2015 Apr 21. pii: 0148607115583675.
 - h. Compher C, Nicolo M, Chittams J, Kang Y, Day AJ, Heyland DK. Clinical Outcomes in Critically Ill Patients Associated With the Use of Complex vs Weight-Only Predictive Energy Equations. *JPEN J Parenter Enteral Nutr* published online 6 May 2014
2. I have made a monumental contribution to the safety and effectiveness of clinical nutrition support practice by leading in the development of 18 evidence-based clinical guidelines in my role 2008-2014 as Editor in Chief of the American Society for Parenteral and Enteral Nutrition's Clinical Guidelines. Over the time in this role, I also moved the processes from a quasi-narrative review method to a fully evidence-based series of procedures that align well with the IOM's [Guidelines You Can Trust](#) document. Several articles were also followed with explanatory papers to clarify major changes in approach to the guidelines process and to translate the guidelines by demonstration of a case report. A

number of these guidelines guide practice in adult patients with obesity, diabetes, or gastrointestinal disease.

- a. #Kumpf VH, Aguilar-Nascimento JE, Jose Ignacio Diaz-Pizarro Graf JI, Hall AM, McKeever L, Steiger E, Winkler MF, Compher CW, FELANPE, American Society for Parenteral and Enteral Nutrition. ASPEN-FELANPE Clinical Guidelines: Nutrition Support of Adult Patients With Enterocutaneous Fistula. *J Parent Enteral Nutr* 2016. Jan;41(1):104-112 DOI: 10.1177/0148607116680792 PMID 27913762
- b. McClave SA; Taylor BE; Martindale RG; Warren MM; Johnson DR; Braunschweig C; McCarthy MS; Davanos E; Rice TW; Cresci GA; Gervasio JM; Sacks GS; Roberts PR; Compher C; the Society of Critical Care Medicine; and the American Society for Parenteral and Enteral Nutrition. Guidelines for the Provision and Assessment of Nutrition Support Therapy in the Adult Critically Ill Patient: Society of Critical Care Medicine (SCCM) and American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.). *JPEN J Parent Enteral Nutr* 2016; epub Jan 13, 2016.
- c. Choban P, Dickerson R, Malone A, Worthington P, Compher C; and the American Society for Parenteral and Enteral Nutrition. [A.S.P.E.N. Clinical Guidelines: Nutrition Support of Hospitalized Adult Patients With Obesity.](#) *JPEN J Parenter Enteral Nutr.* 2013 Aug 23. PMID: 23976769.
- d. McMahon MM, Nystrom E, Braunschweig C, Miles J, Compher C; American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.) Board of Directors. [A.S.P.E.N. Clinical Guidelines: Nutrition Support of Adult Patients With Hyperglycemia.](#) *JPEN J Parenter Enteral Nutr.* Jan;37(1):23-36. Epub 2012 Jun 29.
- e. Arsenault D, Brenn M, Kim S, Gura K, Compher C, Simpson E; American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.) Board of Directors, Puder M. A.S.P.E.N. Clinical guidelines: hyperglycemia and hypoglycemia in the neonate receiving parenteral nutrition. *JPEN J Parenter Enteral Nutr.* 2012 Jan;36(1):81-95. Epub 2011 Dec 16. No abstract available. PMID: 22179520
- f. Jesuit C, Dillon C, Compher C, Lenders CM, American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.) Board of Directors. "A.S.P.E.N. Clinical Guidelines: Nutrition support of Hospitalized Pediatric Patients with Obesity". *JPEN J Parenter Enteral Nutr* 2010 Jan-Feb;34(1):13-20. PMID:20054058.

Complete List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/charlenew.compher.1/bibliography/40319827/public/?sort=date&direction=ascending>