

Charlene Compher, PhD, RD, CNSC, LDN, FADA, FASPEN June 1, 2019

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EDUCATION

Ph.D.	1999	Drexel University (Biology/Nutrition Science)
M.S.	1982	Drexel University (Nutrition Science)
B.A.	1970	University of Tennessee (German, Mathematics)

ACADEMIC POSITIONS

2017-	Vice-chair Biobehavioral Health Sciences Department, University of Pennsylvania, School of Nursing, Philadelphia, PA.
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

CERTIFICATION/LICENSURE

2009- Certified Nutrition Support Clinician (CNSC), Board of Certification of Nutrition Support Certification
 2003- Dietitian-Nutritionist (LDN) DN001656, Commonwealth of Pennsylvania
 1989-2009 Certified Nutrition Support Dietitian (CNSD), Board of Certification of Nutrition Support Certification
 1982- Registered Dietitian 640943, Academy of Nutrition and Dietetics

HONORS/AWARDS

2018 European Society for Clinical Nutrition and Metabolism, Honorary Membership
 2017 Chinese Society for Parenteral and Enteral Nutrition, Honorary Membership
 2017 Biobehavioral Health Systems Department, Standing and Associated Faculty Mentorship Award
 2017-2018 Nominee for Lindback Award for Distinguished Teaching, University of Pennsylvania, School of Nursing
 2016 Who's Who in Healthcare, Philly Business Journal
 2016 Service to the Profession Award, Drexel University Alumni Association
 2016 Biobehavioral Health Systems Department, Exemplary Citizenship Award
 2014 Biobehavioral Health Systems Department, Faculty Mentorship Award
 2013 Fellow of the American Society for Parenteral and Enteral Nutrition
 2011 Oley Foundation Home Parenteral Nutrition Consumer Research Prize
 2009 American Dietetic Association Excellence in Practice Award for Dietetic Research
 2007 American Dietetic Association Distinguished Service Award
 2006 ASPEN Distinguished Nutrition Support Dietitian Award
 1999 ASPEN Dietitians Research Award
 1996 ECOLAB Corporate Scholarship

1995	Fellow of the American Dietetic Association
1980	Philadelphia Dietetic Association, Scholarship Award
1970	Cum Laude, University of Tennessee

RESEARCH

Doctoral Dissertation

Compher, Dana Charlene Widener. *Dietary wheat bran protects against induced colon carcinogenesis: An examination of potential mechanisms* [Ph.D. dissertation]. United States -- Pennsylvania: Drexel University; 1999. Available from: Dissertations & Theses: Full Text. Publication Number: AAT 9926551

Current Funded Research

1. "Institutional Clinical and Translational Science Award," National Center for Advancing Translational Sciences, 07/01/2016-31/05/2021, 1UL1TR001878-01, Fitzgerald PI; Compher, Co-Investigator and Technical Director Dietary Assessment Unit, 12% effort.
2. "Developing a multi-modality, paradigm-shifting approach for in vivo assessment of the human placenta and the impact of maternal nutrition on its development and function." 1U01HD087180-01. NICHD, Schwartz PI, Compher Co-Inv, 9/17/2015-8/31/2019, 5% effort.
3. "Comparative effectiveness of specific carbohydrate and Mediterranean diets to induce remission in patients with Crohn's disease." AHRQ; Lewis PI, Compher Co-Inv, 7/1/2016-6/31/2019, 5% effort.
4. "Impact of Synthetic Emulsifier on Human Microbiota and Metabolism," 1R21DK115180-01, Gewirtz PI, Compher Co-Inv; 8/1/2017-7/31/2019; 2.5% effort.
5. "Dyslipidemia in early pregnancy and neonatal adiposity," Harrison Fund for Research in Obstetrics and Gynecology, Dolin PI, Compher Co-Inv, 7/1/2019-6/30/2020, 2.5% effort.

Currently Active Unfunded Research

1. "Home Parenteral Nutrition Survey and Clinical Outcomes Study." Compher PI, 8/1/2018-7/31/2019.
2. "Diet and Fecal Incontinence in Older Women." 1R03AG053277-01 NIA, Andy PI, Compher Consultant.
3. "The Human Microbiome in Pediatric Health and Inflammatory Bowel Disease: DYNAMIC Study," State of Pennsylvania, Baldassano PI, Compher Co-Inv, 7/1/2018-12/31/2018, 10% effort.

4. "Maternal Gut Microbiome in Preterm Birth", March of Dimes Transdisciplinary Research Center for Preterm Birth at the University of Pennsylvania; March of Dimes, 7/01/2014-12/31/2019, Compher Co-Inv, pilot project, 5% effort.
5. The Effect of Higher Protein Dosing in Critically Ill Patients: A Multicenter Registry-based Randomized Trial: The EFFORT Trial, Heyland PI, Compher Co-Inv, 10/15/2017-12/31/2022.
6. Does exclusive enteral feeding in pediatric patients with active Crohn's disease improve disease activity due to less ingestion of toxic foods or to repletion of limiting nutrients: Post-hoc analysis of the PLEASE Trial. Compher PI, Lewis Co-Inv, Nicolo Co-Inv, 1/1/2018-12/31/2019.
7. Dual nutritional burden in Guatemala, Calgua PI, Compher Co-Inv. 6/30/2014-12/31/2018.
8. Childhood HIV/AIDS and Nutrition in Botswana, Malete PI, Compher Co-Inv, 4/01/2013-12/31/2018.

Past Funded Research

1. "DYNAMIC Study: The Human Microbiome in Pediatric Health and Inflammatory Bowel Disease", Baldassano PI, Compher Co-Inv Pennsylvania Tobacco Fund; 07/01/2018-12/31/2018.
2. "Continuous vs Bolus Nasogastric Feeding in Mechanically Ventilated Pediatric Patients." Brown PI, Compher Consultant. 9/1/2015-6/15/2018.
3. "ASPEN Research Workshop: Protein and Lipid Dosing in Critically Ill Patients," 9/01/2015-8/31/2016, Ragina PI, Compher Co-Inv. 1R13DK105657-01 NIDDK, 0% effort, \$7,150.
4. "ASPEN Research Workshop: Sweet Taste and Clinical Conditions," 1/01/2014-3/01/2015. Earthman PI, Compher Co-Inv, 0% effort, \$18,000.
5. Copper and Folate Nutrition in Men undergoing Gastric Bypass Surgery, Compher PI, Labarre Co-Inv, Helene Fuld Health Trust, 4/01/2013-4/01/2014, 0% effort, \$2,500.
6. ASPEN Rhoads Research Foundation, Clinical Outcomes in Critically Ill Patients Associated with Protein Delivery, Compher PI; Nicolo Co-Inv. 1/01/2014-2/15/2015, 0% effort, \$5,000.
7. ASPEN 2013 Research Workshop: The Interface between Nutrition and the Gut Microbiome; 1R13DK097953-01; 9/01/2011-8/31/2012; IG, Earthman PI; Compher Co-Inv, 0% effort.
8. A One-Year, Open-Label Study with Teduglutide for Subjects with Parenteral Nutrition-dependent Short Bowel Syndrome who Completed Study CL0600-021; Clinical Study Protocol TED-C11- 001; 10/1/2012 – 9/30/2013; IG; Compher PI, 10% effort.
9. ASPEN Research Workshop on Clinical Nutrition, 5U13DK064190-06, 4/01/2008-3/31/2012, IG, Compher PI, 0% effort, \$110,000.
10. Formative Research to Develop an Intervention to Prevent Adolescent Obesity in Botswana, Children's

Hospital of Philadelphia Metabolism, Nutrition and Development Research Affinity Group, 1/01/2009-12/31/2012, PG; Stettler PI; Compher Co-Inv, 0% effort, \$20,000.

11. Patient Outcomes of Stopping Teduglutide, NPS Pharmaceuticals, 6/01/2008-12/31/2011, IG, Compher PI, 10% effort, \$286,303.
12. The Magnesium Metabolic Syndrome Trial, R21 DK078368-01, 09/01/2008-12/31/2011, NIH R21; Volpe PI; Compher, Co-Inv, 0% effort, \$275,000.
13. Fulbright Africa Research Scholar, 1/1/2010-5/15/2010, Compher PI, University of Botswana, Botswana, Africa.
14. A study of the Efficacy and Safety of Teduglutide in Subjects with Parenteral Nutrition-dependent Short Bowel syndrome; Clinical Protocol CL0600-020; NPS Pharmaceuticals, 11/20/2008-7/31/2010, IG, Compher PI, 15% effort, \$120,000.
15. Prevalence of Obesity in Adolescents in Botswana, University of Pennsylvania Research Foundation, 8/01/2008-7/31/2009, PG, Compher PI, 0% effort, \$10,000.
16. Immuno-modulatory Effects of Parenteral Nutrition After Intestinal Failure, R21 DK073119-01A1, 07/01/2006-06/30/2008, NIH R21; Hise PI; Compher, Co-Inv, 0% effort, \$275,000.
17. A Study of the Efficacy and Safety of Teduglutide in Subjects with Parenteral Nutrition-Dependent Short Bowel Syndrome, Protocols CL006-004 and CL006-005, NPS Allelix Pharmaceuticals, 6/30/2003-6/30/2008, IG & CT, Compher PI, 5% effort, \$35,000.
18. Development of a Web-based Feedback Tool for Patients with Severe Obesity after Gastric Bypass, University of Pennsylvania Research Foundation, 12/01/2005-12/01/2007, PG, Compher PI, 0% effort, \$20,000.
19. Oleic Acid Effects on Transit and Absorption in SBS, DK062841-01, 7/01/2003-6/30/2006, NIH R03, Compher PI, 15% effort, \$200,000.
20. Nutritional and Immune Parameters in Home Parenteral Nutrition Patients, University of Kansas Medical Center Research Fund, 1/01/2003-12/31/2005, PG; Hise PI; Compher, Co-Inv, 0% effort, \$10,000.
21. Dietary Wheat Bran's Protection Against Colon Cancer, American Society for Parenteral and Enteral Nutrition Rhoads Research Foundation, 1/1/1997-12/31/1997, PG, Compher PI, 0% effort, \$5,000.
22. Choline and Homocysteine Status in Patients with Short Bowel Syndrome. Dietitians in Nutrition Support, 1/1/2000 – 12/31/2000, PG, Compher PI, 0% effort, \$3,000.
23. Impact of DRG Funding on Clinical Nutrition Staffing and Nutrition Support Practice, Dietitians in Nutrition Support Dietetics Practice Group, 1986, PG, Compher PI, \$2000; 1989, Compher PI, \$3,000, 0% effort.

REFEREED PUBLICATIONS (*data-based, #systematic review)

1. *Hantsoo L, Jasarevic E, Criniti S, McGeehan B, Tanes C, Sammel MD, Elovitz MA, **Compher C**, Wu G, Epperson CN. Childhood Adversity Impact on Gut Microbiota and Inflammatory Response to Stress during Pregnancy. *Brain Behavior and Immunity* 2018; epub November 6 2018.
2. Heyland D, Patel J, Bear D, Sacks G, Nixdorf H, Dolan J, Aloupis M, Licastro K, Jovanovic V, Rice TW, **Compher C**. The Effect of Higher Protein Dosing in Critically Ill Patients: Multi-center Registry-based Randomized Trial: the EFFORT Trial. *JPEN Parenter Enteral Nutr.* 2018 Sep 27. doi: 10.1002/jpen.1449. [Epub ahead of print] Review. PMID:30260486
3. Cederholm T, Jensen GL, Correia MITD, Gonzalez MC, Fukushima R, Higashiguchi T, Baptista G, Barazzoni R, Blaauw R, Coats A, Crivelli A, Evans DC, Gramlich L, Fuchs-Tarlovsky V, Keller H, Llado L, Malone A, Mogensen KM, Morley JE, Muscaritoli M, Nyulasi I, Pirlich M, Pisprasert V, de van der Schueren MAE, Siltharm S, Singer P, Tappenden K, Velasco N, Waitzberg D, Yamwong P, Yu J, Van Gossum A, **Compher C**; GLIM Core Leadership Committee; GLIM Working Group. GLIM criteria for the diagnosis of malnutrition - A consensus report from the global clinical nutrition community. *Clin Nutr.* 2018 Sep 3. pii: S0261-5614(18)31344-X. doi: 10.1016/j.clnu.2018.08.002. [Epub ahead of print] PMID:30181091
4. Jensen GL, Cederholm T, Correia MITD, Gonzalez MC, Fukushima R, Higashiguchi T, de Baptista GA, Barazzoni R, Blaauw R, Coats AJS, Crivelli A, Evans DC, Gramlich L, Fuchs-Tarlovsky V, Keller H, Llado L, Malone A, Mogensen KM, Morley JE, Muscaritoli M, Nyulasi I, Pirlich M, Pisprasert V, de van der Schueren M, Siltharm S, Singer P, Tappenden KA, Velasco N, Waitzberg DL, Yamwong P, Yu J, **Compher C**, Van Gossum A. GLIM criteria for the diagnosis of malnutrition - A consensus report from the global clinical nutrition community. *JPEN J Parenter Enteral Nutr.* 2018 Sep 2. doi: 10.1002/jpen.1440. [Epub ahead of print. PMID:30175461
5. **Compher C**, Jain AJ, Nichol PF, Blackmer A, Earthman C, Evans DC, McCarthy MS, Taylor B, Mehta N. Research Agenda: 2018: The American Society for Parenteral and Enteral Nutrition. *JPEN J Parenter Enteral Nutr.* 2018 Jun 30.
6. Heyland DK, Stapleton R, Compher C. Should we prescribe more protein to critically ill patients? *Nutrients* 2018; 10: pii: E462. doi: 10.3390/nu10040462. PMID: 29642451
7. ***Compher C**, Chittams J, Sammarco T, Higashibeppu N, Higashiguchi T, Heyland DK. Greater Nutrient Intake Is Associated With Lower Mortality in Western and Eastern Critically Ill Patients With Low BMI: A Multicenter, Multinational Observational Study. *JPEN J Parenter Enteral Nutr.* 2018 Jun 30. doi: 10.1002/jpen.1180. [Epub ahead of print]. PMID: 2995985; *JPEN J Parenter Enteral Nutr.* 2018;00:1–7

8. Pironi L, Konrad D, Brandt C, Joly F, Wanten G, Agostini F, Chambrier C, Aimasso U, Zeraschi S, Kelly D, Szczepanek K, Jukes A, Di Caro S, Theilla M, Kunecki M, Daniels J, Serlie M, Poullenet F, Wu J, Cooper SC, Rasmussen HH, **Compher C**, Seguy D, Crivelli A, Pagano MC, Hughes SJ, Guglielmi FW, Kozjek NR, Schneider SM, Gillanders L, Ellegard L, Thibault R, Matras P, Zmarzly A, Matysiak K, Van Gossum A, Forbes A, Wyer N, Taus M, Virgili NM, O'Callaghan M, Chapman B, Osland E, Cuerda C, Sahin P, Jones L, Lee ADW, Bertasi V, Orlandoni P, Izbéki F, Spaggiari C, Díez MB, Doitchinova-Simeonova M, Garde C, Serralde-Zúñiga AE, Oliveira G, Krznaric Z, Czako L, Kekstas G, Sanz-Paris A, Jáuregui EP, Murillo AZ, Schafer E, Arends J, Suárez-Llanos JP, Shaffer J, Lal S. Clinical classification of adult patients with chronic intestinal failure due to benign disease: An international multicenter cross-sectional survey. *Clin Nutr*. 2018 Apr; 37(2): 728-738. doi: 10.1016/j.clnu.2017.04.013. Epub 2017 Apr 19. PMID:28483328
9. Heyland DK, Stapleton R, **Compher C**. Should We Prescribe More Protein to Critically Ill Patients? *Nutrients*. 2018 Apr 7;10(4). pii: E462. doi: 10.3390/nu10040462. PMID:29642451
10. **Compher C**. 41st ASPEN President's Address: Advancing the science and practice of nutrition support into the future. *JPEN J Parenter Enteral Nutr*. 2017 Aug 1:148607117722756. doi: 10.1177/0148607117722756. [Epub ahead of print] PMID: 28777916
11. *Hudson L, Chittams J, Griffith C, **Compher C**. Malnutrition identified by Academy of Nutrition and Dietetics/American Society for Parenteral and Enteral Nutrition is associated with more 30-day readmissions, greater hospital mortality, and longer hospital stays: a retrospective analysis of nutrition assessment data in a major medical center. *JPEN J Parenter Enteral Nutr*. 2018. DOI 10.1002/jpen.1021. PMID 29385244.
12. * Boullata J, Muthukumaran G, Piarulli A, Labarre J, **Compher C**. Oral copper absorption in men with morbid obesity. *J Trace Elem Med Biol*. 2017 Dec;44:146-150. doi: 10.1016/j.jtemb.2017.07.005. Epub 2017 Jul 27. PMID:28965570
13. ***Compher C**, Winkler MF, Guenter P, Steiger E. Nutrition Management of Home Parenteral Nutrition Among Patients With Enterocutaneous Fistula in the Sustain Registry. *JPEN J Parenter Enteral Nutr*. 2017 Feb 1:148607117695246. PMID: 29187086.
14. #**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]
15. Paniagua-Avila MA, Messenger E, Nelson CA, Calgua E, Barg FK, Bream KW, **Compher C**, Dean AJ, Martinez-Siekavizza S, Puac-Polanc V, Richmond TS, Roth RR, Branas CC. The Guatemala-Penn

Partnership: An Innovative Inter-Institutional Model for Scientific Capacity-building, Healthcare Education, and Public Health. *Front Pub Health*; epub 10 Apr 2017; doi: 10.3389/fpubh.2017.00070

16. ***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
17. #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
18. Cederholm T, Barazzoni R, Austin P, Ballmer P, Biolo G, Bischoff SC, **Compher C**, Correia I, Higashiguchi T, Holst M, Jensen GL, Malone A, Muscaritoli M, Nyulasi I, Pirlich M, Rothenberg E, Schindler K, Schneider SM, de van der Schueren MA, Sieber C, Valentini L, Yu JC, Van Gossum A, Singer P. ESPEN Guidelines on Definitions and Terminology in Clinical Nutrition. *Clin Nutr*. 2016 Sep 14. pii: S0261-5614(16)31242-0. doi: 10.1016/j.clnu.2016.09.004. [Epub ahead of print] PMID: 27642056
19. *Moise LL, Mourtzakis M, Kozar RA, **Compher C**, Heyland DK. Existing equations to estimate lean body mass are not accurate in the critically ill: Results of a multicenter observational study. *Clin Nutr*. 2016 Sep 23. pii: S0261-5614(16)31251-1. doi: 10.1016/j.clnu.2016.09.013. PMID:27697303
20. *Gowda C, Brown TT, **Compher C**, Forde KA, Kostman J, Shaw PA, Tien PC, Re VL. Prevalence and predictors of low muscle mass in HIV/viral hepatitis coinfection. *AIDS*. 2016; Aug 3 [epub ahead of print] PMID: 27490638
21. *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
22. *Paris MT, Mourtzakis M, Day A, Leung R, Watharkar S, Kozar R, Earthman C, Kuchnia A, Dhaliwal R, Mosey L, **Compher C**, Martin N, Nicolo M, White T, Roosevelt H, Peterson S, Heyland DK. Validation of Beside Ultrasound of Muscle layer Thickness of the Quadriceps in the Critically Ill Patient (VALIDUM Study): a Prospective Multicenter Study. *JPEN J Parent Enteral Nutr* 2016; epub 3/10/2016; DOI: 101177/0148607116637852.

23. *Al Sawah S, **Compher CW**, Hanlon AL, Lipman TH. 25-Hydroxyvitamin D and glycemic control: A cross-sectional study of children and adolescents with type 1 diabetes. *Diabetes Res Clin Pract.* 2016 May;115:54-9. doi: 10.1016/j.diabres.2016.03.002. Epub 2016 Mar 12. PMID:27242123.
24. **Compher C**, Mehta NM. Diagnosing Malnutrition: Where Are We and Where Do We Need to Go? *J Acad Nur Diet.* 2016 May;116(5):779-84. doi: 10.1016/j.jand.2016.02.001. No abstract available. PMID: 27126152.
25. #McClave SA; Taylor BE; Martindale RG; Warren MM; Johnson DR; Braunschweig C; McCarthy MS; Daanos 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 2016 Feb;40(2):159-211. doi: 10.1177/0148607115621863. PMID: 26773077.
26. *Lewis JD, Chen EZ, Baldassano RN, Otley AR, Griffiths AM, Lee D, Bittinger K, Bailey A, Friedman ES, Hoffmann C, Albenberg L, Sinha R, **Compher C**, Gilroy E, Nessel L, Grant A, Chehoud C, Li H, Wu GD, Bushman FD. Inflammation, Antibiotics, and Diet as Environmental Stressors of the Gut Microbiome in Pediatric Crohn's Disease. *Cell Host Microbe.* 2017 Aug 9;22(2):247. doi: 10.1016/j.chom.2017.07.011. No abstract available. PMID: 28799909
27. *Malone SK, Zemel B, **Compher C**, Souders M, Chittams J, Thompson AL, Lipman TH. Characteristics associated with sleep duration, chronotype, and social jet lag in adolescents. *J Sch Nurs.* 2015 Sep 16. pii: 1059840515603454. [Epub ahead of print]. PMID: 26376832
28. *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
29. *Brown C, Shaibu S, Maruapula S, Malete L, **Compher C**. Perceptions and Attitudes towards Food Choice in Adolescents in Gaborone, Botswana. *Appetite.* 2015 Jul 3. pii: S0195-6663(15)00311-6. doi: 10.1016/j.appet.2015.06.018. [Epub ahead of print] PMID: 26148457
30. *Lee D, Baldassano RN, Otley AR, Albenberg L, Griffiths AM, **Compher C**, Chen EZ, Li H, Gilroy E, Nessel L, Grant A, Chehoud C, Bushman FD, Wu GD, Lewis JD. Comparative Effectiveness of Nutritional and Biological Therapy in North American Children with Active Crohn's Disease. *Inflamm Bowel Dis.* 2015 May 12.

31. *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.
32. ***Compher C**, Boullata JI, Pickett-Blakely O, Schiavone P, Stoner N, Kinosian BP. Clinical Management of Patients With Parenteral Nutrition-Dependent Short Bowel Syndrome During Teduglutide Therapy. *JPEN J Parenter Enteral Nutr*. 2015 Jun 25. pii: 0148607115594010. [Epub ahead of print] PMID:26111832.
33. **Compher C**, Katherine Levinson, Carolyn Cambor, Nancy Stoner, Joseph Boullata, Amanda Piarulli, Bruce Kinosian. A Patient with Parenteral Nutrition-dependent Short Bowel Syndrome and Cardiovascular Disease with Four Year Exposure to Teduglutide. *JPEN J Parenter Enteral Nutr*. 2015 Jan 7. pii: 0148607114566466. PMID:25567782.
34. *Wu GD, **Compher C**, Chen EZ, Smith SA, Shah RD, Bittinger K, Chehoud K, Albenberg LG, Nessel L, Gilroy E, Star J, Weljie AM, Flint HJ, Metz DC, Bennett MJ, Li H, Bushman FD, Lewis JD. Comparative Metabolomics in Vegans and Omnivores Reveal Constraints on Diet-Dependent Gut Microbiota Metabolite Production. *Gut*, doi:10.1136/gutjnl-2014-308209. PMID:25431456.
35. *Lee D, Albenberg L, **Compher C**, Baldassano R, Piccoli D, Lewis JD, Wu DG. Diet in the Pathogenesis and Treatment of Inflammatory Bowel Diseases. *Gastroenterology*, 2015. Jan 15. pii: S0016-5085(15)00069-4. doi: 10.1053/j.gastro.2015.01.007. PMID:25597840.
36. #Wales PW, Allen N, Worthington P, George D, **Compher C**, ASPEN, Teitelbaum D. ASPEN Clinical Guidelines: Support of Pediatric Patients with Intestinal Failure at Risk of Parenteral Nutrition-Associated Liver Disease. *JPEN J Parenter Enteral Nutr* 2014 Apr 2; 38:538-557. PMID 24696095.
37. *Liu J, Hanlon A, Ma C, Zhao SR, Cao S, **Compher C**. Low blood zinc, iron, and other sociodemographic factors associated with behavior problems in preschoolers. *Nutrients*. 2014 Jan 27;6(2):530-45. doi: 10.3390/nu6020530.PMID:24473235.
38. *Gowda C, **Compher C**, Amorosa VK, Lo Re V 3rd. Association between chronic hepatitis C virus infection and low muscle mass in US adults. *J Viral Hepat*. 2014 Jul 2. doi: 10.1111/jvh.12273. [Epub ahead of print] PMID: 24989435.
39. ***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 .
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8. *Paris M, 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 M, 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. Clinical Nutrition Week, Austin TX, 2016.
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10. *Park J, Paski S, **Compher C**, Chan L. Understanding the Clinical Characteristics, Indications, and Nutrient Provision in Obese Adult Patients Who Received Home Parenteral Nutrition (HPN): A Preliminary Analysis from the Sustain™ Registry. Clinical Nutrition Week, Austin TX, 2016.

Books

1. Rolandelli R, Bankhead R, Boullata J, **Compher C**, Eds: Clinical Nutrition, Enteral and Tube Feeding, 4th Edition, Elsevier Science, 2004. ISBN-13: 978-0-7216-0379-7/ISBN-10: 0-7216-0379-3.

Book Chapters

1. Nicolo M, Henry J, Stewart C, Pompeii C, Boullata JI, **Compher C**. Nutrition Assessment in Obese Patients. In Diagnosis and Management of Obesity, Eds Mullin GE, Cheskin LJ, Matarese LE. Springer Press: New York, NY. 2014.
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13. Evans N, **Compher C**. Nutrition and the Neurologically Impaired Patient. In: Torosian, M. (Ed.). Nutrition For The Hospitalized Patient. Basic-Science and Principles of Practice, Marcel Dekker, New York, 1995.

Guest Editorials

1. Heyland DK, Stapleton R, **Compher C**. Should we prescribe more protein to critically ill patients? *Nutrients* epub April 7 2018.
2. **Compher C**, Mehta N. 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. PMID:27126152.

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RECENT LECTURES AND WORKSHOPS (Selected past 5 years)

International

1. Global Program for Diagnosis of Malnutrition in Adults, keynote address, Pan-Asian Society for Parenteral and Enteral Nutrition, Seoul, South Korea, June 2018.
2. Assessment of Malnutrition in Critically Ill Patients, Japanese Society for Parenteral and Enteral Nutrition, Yokohama, Japan, February 2018.
3. Diet and the Gut Microbiome in Pediatric Crohn's Disease, 5th International Congress of Nutritionists. Zagreb, Croatia, November 2017.
4. Recognizing Malnutrition: A Global Concern, Asociacion Colombiana de Nutricion Clinica, Bogota, Colombia, July 2017.
5. Diet and the Gut Microbiome in Pediatric Crohn's Disease, Asociacion Colombiana de Nutricion Clinica, Bogota, Colombia, July 2017.
6. Clinical Guidelines for the Adult with Enterocutaneous Fistula, ASPEN-FELANPE Guideline, Asociacion Colombiana de Nutricion Clinica, Bogota, Colombia, July 2017.
7. Clinical Guidelines in Adult Critically Ill Patients, Asociacion Colombiana de Nutricion Clinica, Bogota, Colombia, July 2017.
8. Diet and the Gut Microbiome in Pediatric Crohn's Disease, Chinese Society for Parenteral and Enteral Nutrition, Qingdao, China, May 2017.
9. Protein in Critical Illness, Chinese Society for Parenteral and Enteral Nutrition, Qingdao, China, May 2017.
10. Guidelines You Can Trust, Japanese Society for Parenteral and Enteral Nutrition, Okinawa, Japan, February 2016.
11. Diet and the Gut Microbiome in Pediatric Crohn's Disease, FELANPE, Florianopolis, Brazil, October 2016.
12. Guidelines We Can Trust, FELANPE, Florianopolis, Brazil, October 2016.

13. Nutrition Assessment in Hospitalized Patients, FELANPE, Florianopolis, Brazil, October 2016.
14. Diet, the Gut Microbiome and Disease. ESPEN. Copenhagen, Denmark, September 2016.
15. Guidelines You Can Trust. Chinese Society for Parenteral and Enteral Nutrition. Chengdu, China, May, 2016.
16. Recognizing Malnutrition. Chinese Society for Parenteral and Enteral Nutrition. Chengdu, China, May, 2016.
17. Recognizing Malnutrition in the Elderly. ESPEN. Lisbon, Portugal. September 2015.
18. Impact of Oral Nutrition Supplements on Outcomes in Outpatients. Nagoya, Japan. July 2015.
19. Nutrition Assessment: Nutrients vs. Function. Sao Paulo, Brazil. June 2015.
20. Guidelines you can trust. Sao Paulo, Brazil. June 2015.
21. ASPEN Clinical Guidelines for Glycemic Control in Adults. Sao Paulo, Brazil. June 2015
22. Singapore Ministry of Health Expert in Nutrition Management in Gastrointestinal Diseases and Surgery, August 5-9, 2014.
 - a. Perioperative Nutrition Support in Gastrointestinal Surgery, National University Hospital
 - b. Nutrition Management in Adult Short Bowel Syndrome, National University Hospital
 - c. Nutrient Management in Upper GI Surgery, Tan Tock Singh Hospital
 - d. Nutrition Management of Nutrient Malabsorption in Chronic Gastrointestinal Diseases, Tan Tock Singh Hospital
 - e. Nutrition Management in Pediatric Short Bowel Syndrome, National University Hospital
 - f. Nutrition Management of Bariatric Surgery, National University Hospital
 - g. Protein Dose in Critically Ill Patients, National University Hospital
 - h. Nutrition Management in Severe GI Diseases, Singapore General Hospital
 - i. Nutrition Management of Nutrient Malabsorption in GI Surgery and Complications, Singapore General Hospital
 - j. Diet, the Gut Microbiome, and Metabolome, National University Hospital

National (selected from past 5 years)

23. Explaining the new GLIM Criteria; Association of Clinical Documentation Improvement Specialists, Orlando, FL, May 22, 2019
24. President's Address, American Society for Parenteral and Enteral Nutrition, Clinical Nutrition Week, Orlando, FL, 2017.
25. Diet and the Gut Microbiome in Obesity. Academy of Nutrition and Dietetics FNCE meeting, Nashville, TN. October 2015.

26. Advances in Short Bowel Syndrome: Use of Teduglutide Therapy, American Society for Nutrition. September 2014.
27. New Advances in Short Bowel Syndrome. Oley Foundation Conference, June 2014.
28. Nutrition Assessment in Patients with Severe Obesity. Food and Nutrition Exposition, Academy of Nutrition and Dietetics, October 2013.

Regional and Local (selected from past 5 years)

1. Moving Evidence in Nutrition Support to the Next Level: Malnutrition and Protein Requirements, New Jersey ASPEN Chapter, 2019.
2. Moving Evidence in Nutrition Support to the Next Level: Malnutrition and Protein Requirements, Greater Pittsburgh ASPEN Chapter, 2018.
3. Precise Measurement of Dietary Intake in Gastroenterology Studies, MSCE Student Lecture, March 2017.
4. Pitfalls and Possibilities for Clinical Guidelines, The Children's Hospital of Philadelphia, January 2017.
5. Nutrition Support in Short Bowel Syndrome, University of Pennsylvania Health System Surgery Resident Grand Rounds, December 2016.
6. Clinical Guidelines in the Critically Ill Patient, Abington Hospital Grand Rounds, September 2016.
7. Nutrition Transition: Botswana and Beyond, Penn Nursing Global Reflections Week, 2013.
8. Advances and Limitations in Quantifying Dietary Intake in Humans, Joint Penn-CHOP Center for Digestive, Liver and Pancreatic Medicine Symposium. 2013.
9. Stigma of Childhood Obesity, Center for Public Health Initiatives, University of Pennsylvania, 2012.
10. Adult Malnutrition Screening and Nutrition Assessment of Obese Patients, Ohio Society for Parenteral and Enteral Nutrition, Youngstown, OH, 2012.

CONSULTATION RESEARCH/EDUCATIONAL

1. Scientific Reviewer for Fulbright Awards, Institute for International Exchanges, 2013-2016.
2. Malnutrition Forum, Abbott Nutrition Institute, 2012.
3. Short Bowel Syndrome Scientific Advisory Board, NPS Pharmaceuticals, 2012.
4. Home Parenteral Nutrition Expert, Baxter IV Therapy Nutrition Parenteral Nutrition Scientific Advisory Board. 2009-2010.
5. Requested reviewer, Health Research Board Research Fellowships for the Therapy Professions, Dublin, Ireland, 2006.
6. Expert Panel Member, "Application of Indirect Calorimetry in ADA Evidence-Based Guides for Practice,"

2003-2005.

7. Expert Panel Member, "Evidence Behind Enteral Feedings in the Intensive Care Unit". Dietitians in Nutrition Support Dietetic Practice Group, American Dietetic Association, 2003-2005.
8. NIDDK Special Emphasis Review Panel, ZDK1 GRB-9 (J1), 2003.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

International

European Society for Parenteral and Enteral Nutrition	2004-
Chinese Society for Parenteral and Enteral Nutrition, honorary member	2017-

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-

SELECTED PROFESSIONAL SOCIETY LEADERSHIP ACTIVITIES

Academy of Nutrition and Dietetics

Reviewer, <u>J Acad Nutr Diet</u>	2005-
National Conference Program Planning Committee Member	2005-2007
National Conference Research Abstract Review	1993-2004
Dietitians in Nutrition Support Dietetic Practice Group	
Research Committee Chair	2005-2008
Past-Chair	2004-2005

Chair	2003-2004
Chair-elect	2002-2003
25 th Anniversary Celebration Committee	2001-2004
Reviewer, <u>Support Line</u>	1993-2004
Liaison Relations Chair	1993-1994
Legislative Chair	1987-1992

American Society for Parenteral and Enteral Nutrition (ASPEN)

ASPEN International Strategy Taskforce Member	2018-2019
ASPEN Rhoads Research Foundation, Grant Review Chair	2018
ASPEN Past-President	2017-2018
ASPEN President	2016-2017
ASPEN President-Elect	2015-2016
ASPEN Vice-President	2014-2015
ASPEN Board of Directors, Director	2013-2015
Clinical Nutrition Week Planning Committee, Member	2010-2014
Thought Leaders Taskforce, Member	2008-2009
International Malnutrition Guidelines Taskforce, Member	2008-2011
ASPEN Clinical Guidelines, Editor in Chief	2008-2014
Rhoads Research Foundation Board, Member	2008-2009, 2016-2017
Research Committee, Member	2009-2017
Research Committee, Chair	2006-2008
Nominating Committee, Member	2006-2007
Standards Committee, Chair	2005-2006
Guest Editor, Jonathan Rhoads Memorial, <u>JPEN J Parenter Enteral Nutr</u>	2003-2004
<u>JPEN J Parenter Enteral Nutr</u> , Associate Editor	2005-2012
<u>JPEN J Parenter Enteral Nutr</u> , Editorial Board Member	2004-2005
Abstract Review Committee, Chair	2004-2005
Co-Chair	2002-2004
<u>Nutr Clin Pract</u> , Editorial Board	1995-1998
Clinical Congress Dietitians Program, Co-Chair	1995
Dietitian Committee, Member	1993-1995

JPEN J Parenter Enteral Nutr, Reviewer 1991-

UNIVERSITY OF PENNSYLVANIA ACTIVITIES

School of Nursing Roles

Bylaws Committee, Chair	2019-2020
Bylaws Committee, Member	2018-2021
Research Committee, Member	2017-2020
Research Committee, Chair	2019-2020
Laboratory Taskforce, Chair	2016-2017
Academic Freedom Committee, Member	2015-2018
Search Committee, Past-Chair	2014-2015
Search Committee, Chair	2012-2014
Search Committee, Co-Chair	2011-2012
Center Review Committee, Member	2012-2013
Personnel Committee Restructuring Taskforce, Chair	2012-2013
Lecturer Advancement Review Committee, Co-Chair	2011-2012
Norma Lang Distinguished Lecture Award for Scholarly Practice Comm Member	2011-2014
Personnel Committee, Member	2010-2011, 2012-
Undergraduate Curriculum Revision Implementation, Co-Chair; Science Chair	2010-2011
Director, Biobehavioral Laboratory	2009-2012
Practice Committee, Chair	2008-2009
Web Quality Assurance Council, Member	2008-2009
Global Engagement Taskforce, Member	2008-2009
Associate Dean for Research Taskforce, Member	2009
Alternative Dissertation Taskforce, Chair	2007-2008
Student Awards Taskforce, Member	2007-2008
Practice Committee, Member	2007-2009
BHS Division Web Page Taskforce, Chair	2006-2007
Research Committee, Member	2005-2007
Doctorate of Nursing Practice Taskforce, Member	2005-2006
Advisory Taskforce on Diversity, Member	2003-2005

Awards Committee, Member	2002-2003
Web Taskforce, Member	2002-2003
Undergraduate Curriculum Committee, Member	2001-2005

University Committees

Internal Advisory Board, Penn Nutrition Science and Medicine Center	2018-
Executive Committee, Obesity Unit of Institute of Diabetes, Obesity and Metabolism	2016-
University Council Committee on Honorary Degrees, Member	2014-2017
Guatemala Penn Partners, Member	2014-
Human Subjects Research Advisory Committee, Member	2013-2018
Human Subjects Research Committee, Member	2012-2013
Subcommittee on Administrative/Organizational Support, Chair	2012-2013
Senate Committee on Academic Freedom and Responsibility, Member	2011-2012
Translational Core Laboratory Advisory Committee, Member	2011-2012
Botswana-UPenn Partnership Committee, Member	2009-2015
Bangladesh-UPenn Planning Group, Member	2009-2010
Penn Freshman Reading Project, Discussion Leader	2007-2010
Omnivore's Dilemma, Penn Freshman Reading Project, Speaker	2007
Hearing Board for Student Disciplinary System, Member	2007-2009
Provost Interdisciplinary Seminar Review, Member	2007
CFAR Grant Review Committee, Member	2007
Clinical Translational Research Center Council, Member	2007-2009
Faculty Senate Executive Committee, Member	2007-2008
PennERA Faculty Advisory Taskforce, Member	2006-2007
MPH Academic Progressions Committee, Member	2006-2011
Global Issues in Women's Health, Member	2002-2005

Other Organizations

United Nations Agency of Greater Philadelphia, Board Member	2010-2013
Washington Square Citizens League, Board Member	2012-2015

CLINICAL AGENCY ACTIVITIES

Evidence Based Practice in Enteral Nutrition, Chair	2011-2013
Evidence Based Practice Committee, Member	2007-2009
Electronic Medical Records Committee-CNSS, Member	2007-2008
Nutrition Committee, Co-Chair	2007-2009
Nutrition Committee, Member	2005-
Enteral Feeding Quality Outcomes Committee, Member	1992-2002

UNDERGRADUATE RESEARCH

Ana Quiroga, McKenna Boit, N389 Students, "Learning about research via the Home Parenteral Nutrition Patient Survey."	2019
Charis Anderson and Rachael Peters, N389 Students, "Learning about research via the EFFORT trial."	2018
Meredith Piniero, BSN student. "Using nutrition data to improve clinical practice: the EFFORT and CT INS trials."	2018-
Madison Valerio, BS Student. "Diet, Gestational Weight Gain and Preterm Birth"	2017-2019
John Labarre, BSN. "Copper and Folate Nutrition in Men undergoing Gastric Bypass Surgery"	2013-2014

GRADUATE RESEARCH**Master of Clinical Epidemiology**

Charitha Gowda, MD, "Association between Viral Hepatitis Infection and Low Muscle Mass among HIV-positive Individuals", <u>Member</u> , University of Pennsylvania	2014-2016
Erwin Calgua, MD, "Double Burden of Malnutrition and Obesity in Rural Guatemala," <u>Member</u> , University of Pennsylvania	2014-2017
Master of Public Health	
Deena Roemer, BS, "Patient Perspectives of Diet in Inflammatory Bowel Disease" <u>Reader</u> , University of Pennsylvania	2013-2014
Sean Hammer, BS, "Childhood HIV/AIDS and Nutrition in Botswana"	

Chair, University of Pennsylvania 2013-2015

Joanna Holsten, BSN, “The Social-ecological Context of Over-nutrition in Cameroon”

Chair, University of Pennsylvania 2007-2009

Master of Translational Research

Marion Vetter, MD, RD, “Effects of Endogenous GLP-1 on Improved Glycemia Following Bariatric Surgery”

Reader, University of Pennsylvania 2014

Doctoral Dissertation Committee

Janicke Visser, MS “Addressing malnutrition in hospitalized adults – A (South) African perspective”

Examiner, Stellenbosch University 2018-2019

Zhigang Xue, MD, “Optimal Protein Supplementation in Nutritionally High-risk Critically Ill Patients”

Cochair, Tsinghua University 2018-2019

Rosario Jaime-Lara, “Olanzapine as a Novel Treatment for Chemotherapy Induced Nausea and Vomiting”

Reader, University of Pennsylvania, School of Nursing 2018

Samuel Matula, “Pediatric pain management practices in Botswana: a three-article dissertation”

Reader, University of Pennsylvania, School of Nursing 2018

Lori Ann Winner, “The impact of opt-out legislation on anesthesia services in California”

Reader, University of Pennsylvania, School of Nursing 2018

G. Lubinda-Sinombe, “An Evaluation of the Effects of a Lifestyle Intervention on Eating and Physical Activity Behaviors of Urban Adolescents in Junior Public Secondary Schools in Botswana: A Pragmatic Randomized Controlled Trial”

Examiner, University of Western Cape, Cape Town, SA 2017

Terri-Ann Kelly, “Factors Influencing Intention to Meet the Recommended Daily Intake of Fruits and Vegetables in Black Emerging Adult Women”

<u>Reader</u> , University of Pennsylvania, School of Nursing	2017
Michele Nicolo, "Vitamin D and Magnesium Intake, Lean Body Mass, and Physical Function in Middle-age Adults with Diabetes in the United States," <u>Member</u> , Drexel University	2016-2018
Xiaopeng Ji, "Micronutrients and Sleep in Chinese Children", <u>Member</u> , University of Pennsylvania, School of Nursing	2015-2017
Susan Malone, "Chronogenicity, Sleep and Obesity in Adolescents," <u>Member</u> , University of Pennsylvania, School of Nursing	2012-2015
Paule Valery Joseph, "Genetics of Sweet Taste and Obesity," <u>Chair</u> , University of Pennsylvania, School of Nursing	2011-2015
Corbett Brown, "Parental and Adolescent Perceptions of Diet, Physical Activity, Body Size, and Obesity in Botswana," <u>Chair</u> , University of Pennsylvania, School of Nursing	2009-2014
Sharon Irving, "Nutrition in Ill Neonates," <u>Member</u> , University of Pennsylvania, School of Nursing	2009-2011
Janine Everett, "Skin Injury Science," <u>Member</u> , University of Pennsylvania, School of Nursing	2009-2011
Sarah Sawah, "Vitamin D in Pediatric Type 1 Diabetes," <u>Member</u> , University of Pennsylvania, School of Nursing	2008-2011
Joanna Holsten, "Home Food Environment and Body Mass index in Middle School Children," <u>Chair</u> , University of Pennsylvania, School of Nursing	2005-2010
Christina Calamaro, "Physical Activity and Overweight Onset in At-Risk Youth",	

Chair, University of Pennsylvania, School of Nursing 2003-2005

Postdoctoral Committee

Susan Malone, "Chronogenicity, Sleep and Obesity,"

Member, University of Pennsylvania, School of Nursing 2015-2017

Maya N. Clark-Cutaia, PhD, ACNP-BC, RN, "Symptoms Associated with Sodium Restriction in ESRD Patients,"

Member, University of Pennsylvania, School of Nursing 2013-2015

Rose Ann Dimaria-Ghalili, "Nutritional Assessment in Elderly CABG Patients",

Co-Chair, University of Pennsylvania, School of Nursing 2007-2010

Christina Calamaro, PhD, "Obesity and Sleep",

Co-Chair, University of Pennsylvania, School of Nursing 2006-2007