

**Charlene Compher, PhD, RD, CNSC, LDN, FADA, FASPEN** October 1, 2021

**BUSINESS ADDRESS**

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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**

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**

2019- Director of Clinical Initiatives, Penn Nutrition Science and Medicine Center, University of Pennsylvania  
2016- Director, Microbiome-related Diet Assessment Research, Penn-CHOP Microbiome Program  
2015-2020 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  
2004- Associate Director of Nutrition Core, Clinical Research Center, 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**

2009-2021	Certified Nutrition Support Clinician (CNSC), Board of Certification of Nutrition Support Certification
2003- 1989-2009	Dietitian-Nutritionist (LDN) DN001656, Commonwealth of Pennsylvania Certified Nutrition Support Dietitian (CNSD), Board of Certification of Nutrition Support Certification
1982-	Registered Dietitian 640943, Academy of Nutrition and Dietetics

## **HONORS/AWARDS**

2019	Norma M. Lang Award for Scholarly Practice and Policy, University of Pennsylvania, School of Nursing
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, 07/01/2016-12/31/2020, 1UL1TR001878-01, Fitzgerald PI; Compher, Co-Investigator and Technical Director Dietary Assessment Unit, 5% effort.
2. "Dyslipidemia in early pregnancy and neonatal adiposity," Harrison Fund for Research in Obstetrics and Gynecology, 7/1/2019-12/31/2021, Dolin PI, Compher Co-Inv.
3. "Diet Interventions in Psoriatic Arthritis," Canadian Institute of Health Research, 9/11/2019-3/10/2023, Ogdie-Beatty PI; Compher, Co-Inv.
4. "The Penn Healthy Diet Survey based on NHANES Data," Compher PI, Lewis and Wu, Co-Invs; Penn Nutrition Science and Medicine Center, 2021-2022.
5. "SPOON: Food insecurity, maternal diet quality, and reproductive outcomes in Black women" Dolin PI; Compher Co-Investigator, 2% Effort. ITMAT Junior Investigator Pilot Grant, 2021-2022.

### **Currently Active Unfunded Research**

1. "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.

### **Past Funded Research**

1. "Diet and Fecal Incontinence in Older Women." 1R03AG053277-01 NIA, Andy PI, Compher Consultant.
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.

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.
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 PI, pilot project.
5. "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.
6. "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.
7. "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.
8. "Continuous vs Bolus Nasogastric Feeding in Mechanically Ventilated Pediatric Patients." Brown PI, Compher Consultant. 9/1/2015-6/15/2018.
9. "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.
10. "ASPEN Research Workshop: Sweet Taste and Clinical Conditions," 1/01/2014-3/01/2015. Earthman PI, Compher Co-Inv, 0% effort, \$18,000.
11. 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.
12. 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.
13. 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.
14. 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.
15. ASPEN Research Workshop on Clinical Nutrition, 5U13DK064190-06, 4/01/2008-3/31/2012, IG, Compher PI, 0% effort, \$110,000.
16. 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.
17. Patient Outcomes of Stopping Teduglutide, NPS Pharmaceuticals, 6/01/2008-12/31/2011, IG, Compher PI,

10% effort, \$286,303.

18. 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.
19. Fulbright Africa Research Scholar, 1/1/2010-5/15/2010, Compher PI, University of Botswana, Botswana, Africa.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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.

### **Research Under Review or Development**

1. "Establishing the Metabolomic Signature of Minimally Processed versus Ultraprocessed Diet," Lewis and Wu, Co-PI, Compher Co-Investigator, 5% effort. NIDDK, 2021-2026.

- a. Not awarded.
  - b. Revising for resubmission, March 2022.
2. "Precision Nutrition using All of Us: Penn Artificial Intelligence Nutrition Grant," NIH Common Fund, under review. Score=29.
    - a. Not awarded.
  3. "Precision Nutrition using All of Us: Penn Data Analysis and Project Management Core for All of Us Nutrition Program," NIH Common Fund, Score=29.
    - a. Not awarded.

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

1. **#Compher C**, Bingham AL, McCall M, Patel J, Rice TW, Braunschweig C, McKeever L. Guidelines for the provision of nutrition support therapy in the adult critically ill patient: American society for parenteral and enteral nutrition. JPEN J Parenter Enteral Nutr. 2021 Nov 16. doi: 10.1002/jpen.2267. Online ahead of print. PMID: 34784064
2. \*Chassaing B, **Compher C**, Bonhomme B, Liu Q, Tian Y, Walters W, Nessel L, Delaroque C, Hao F, Gershuni V, Chau L, Ni J, Bewtra M, Albenberg L, Bretin A, McKeever L, Ley RE, Patterson AD, Wu GD, Gewirtz AT, Lewis JD. Randomized controlled-feeding study of dietary emulsifier carboxymethylcellulose reveals detrimental impacts on the gut microbiota and metabolome. Gastroenterology. 2021 Nov 10:S0016-5085(21)03728-8. doi: 10.1053/j.gastro.2021.11.006. Online ahead of print. PMID: 34774538
3. Ji X, **Compher CW**, Irving SY, Kim J, Dinges DF, Liu J. Serum Micronutrient Status, Sleep Quality and Neurobehavioral function among Early Adolescents. Public Health Nutr. 2021 May 26:1-27. doi: 10.1017/S1368980021002329. Online ahead of print. PMID: 34034852
4. \*Lewis JD, Sandler R, Brotherton C, Brensinger C, Li H, Kappelman MD, Daniel SG, Bittinger K, Albenberg L, Valentine JF, Hanson J, Suskind D, Meyer A, **Compher CW**, Bewtra M, Saxena A, Dobes A, Cohen B, Flynn AD, Fischer M, Saha S, Swaminath A, Yacshyn B, Scherl E, Horst S, Curtis JR, Braly K, Nessel L, McCauley M, McKeever L, Herfarth H, the DINE-CD Study Group. A Randomized Trial Comparing the Specific Carbohydrate Diet to a

- Mediterranean Diet in Adults with Crohn's Disease, *Gastroenterology* 2021. May 27:S0016-5085(21)03069-9. doi: 10.1053/j.gastro.2021.05.047. Online ahead of print. PMID: 34052278
5. Dolin C, **Compher C**, Durnwald C. Pregnant and hungry: Addressing food insecurity in pregnant women during the coronavirus disease 2019 (COVID-19) pandemic in the United States, *Am J Obstet Gynecol MFM*. 2021 Apr 28:100378. doi: 10.1016/j.ajogmf.2021.100378. Online ahead of print. PMID: 33932628 .
  6. \*Gershuni V, Li Y, Li H, Elovitz M, Wu GD, **Compher C**. Maternal Gut Microbiota Reflecting Poor Diet Quality is Associated with Spontaneous Preterm Birth in a Prospective Cohort Study. *Am J Clin Nutr*, epub Jan 29, 2021: 1-10. PMID: 33515003
  7. \*Lazarow H, Singer R, **Compher C**, Gilmar C, Kucharczuk CR, Mangan P, Salam K, Cunningham K, Stadtmauer EA, Landsburg DJ. Effect of malnutrition-driven nutritional support protocol on clinical outcomes in autologous stem cell transplantation patients. *Support Care Cancer* 2021 29:997-1003. PMID: 32556621
  8. Stoppe C, Wendt S, Mehta NM, **Compher C**, Preiser JC, Heyland DK, Kristof AS. Biomarkers in critical care nutrition. *Crit Care* 2020 PMID: 32787899.
  9. Keller H, de van der Schueren MAE; GLIM Consortium, Jensen GL, Barazzoni R, **Compher C**, Correia MITD, Gonzalez MC, Jager-Wittenaar H, Pirlich M, Steiber A, Waitzberg D, Cederholm T. Global Leadership Initiative on Malnutrition (GLIM): Guidance on Validation of the Operational Criteria for the Diagnosis of Protein-Energy Malnutrition in Adults. *JPEN J Parenter Enteral Nutr*. 2020 Aug;44(6):992-1003. doi: 10.1002/jpen.1806. Epub 2020 Jun 11. PMID: 32529700 Review.
  10. \*Pironi L, Steiger E, Joly F, Wanten GJA, Chambrier C, Aimasso U, Sasdelli AS, Szczepanek K, Jukes A, Theilla M, Kunecki M, Daniels J, Serlie MJ, Cooper SC, Poullenot F, Rasmussen HH, **Compher CW**, Crivelli A, Hughes SJ, Santarpia L, Guglielmi FW, Rotovnik Kozjek N, Ellegard L, Schneider SM, Matras P, Forbes A, Wyer N, Zmarzly A, Taus M, O'Callaghan M, Orlandoni P, Matysiak K, Di Caro S, Doitchinova-Simeonova M, Masconale L, Spaggiari C, Garde C, Serralde-Zúñiga AE, Oliveira G, Krznaric Z, Petrina Jáuregui E, Zugasti Murillo A, Suárez-Llanos JP, Nardi E, Van Gossum A, Lal S. Intravenous supplementation type and



volume are associated with 1-year outcome and major complications in patients with chronic intestinal failure. *Gut* 2020. Oct;69(10):1787-1795. doi: 10.1136/gutjnl-2018-318172. Epub 2020 Jan 21.PMID: 31964752

11. \*Chao AM, Luong V, Dowd M, **Compher C**. A national survey of faculty perceptions of nutrition in nursing education. *J Nurs Educ*. 2020 Oct 1;59(10):566-569. doi: 10.3928/01484834-20200921-05.PMID: 33002162
12. #Díaz-Pizarro Graf JI, Kumpf VJ, de Aguilar-Nascimento JE, Hall AM, McKeever L, Steiger E, Winkler MF, **Compher CW**. ASPEN-FELANPE guidelines for the nutrition support of patients with enterocutaneous fistula. *Nutr Hosp*. 2020 Aug 27;37(4):875-885. doi: 10.20960/nh.031116.PMID: 32762241 in Spanish.
13. \*Pironi L, Steiger E, Brandt C, Joly F, Wanten G, Chambrier C, Aimasso U, Sasdelli AS, Zeraschi S, Kelly D, Szczepanek K, Jukes A, Di Caro S, Theilla M, Kunecki M, Daniels J, Serlie M, Poullenot 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, Won Lee AD, Masconale L, Orlandoni P, Izbéki F, Spaggiari C, Bueno M, 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, Lal S; Home Artificial Nutrition and Chronic Intestinal Failure Special Interest Group of ESPEN; European Society for Clinical Nutrition and Metabolism. Home parenteral nutrition modalities for patients with chronic intestinal failure. *Clin Nutr*. 2020 Feb;39(2):585-591. doi: 10.1016/j.clnu.2019.03.010. Epub 2019 Mar 25.PMID: 30992207
14. \*Winkler MF, Machan JT, Xue Z, **Compher C**. Home parenteral nutrition patient reported outcomes survey: sensitive to quality of life differences among chronic and prolonged chronic intestinal failure. *JPEN J Parenter Enteral Nutr*. 2020 Oct 24. doi: 10.1002/jpen.2040. Online ahead of print.PMID: 33098583

15. Stoner NE, Schiavone P, Kinosian BP, Pickett-Blakely O, Amoroso VK, Coughlin R, Xue Z, **Compher C**. Preparing the Patient for Home Parenteral Nutrition and for a Successful Course of therapy. *Gastroenterol Clin N Am* 2019 Dec; 48(4):471-481. Epub 2019 Oct 8.
16. Patel JJ, Rice T, **Compher C**, Heyland DK. Do We Have Clinical Equipoise about How Much Protein to Provide to Critically Ill Patients? *Nutr Clin Pract* 2019 Jun 7 Epub ahead of print PMID:31175689
17. \*Xue Z, Yu J, Higashiguchi T, **Compher C**. Does Low Body Mass Index Predict Mortality in Asian Hospitalized Patients? *JPEN J Parenter Enteral Nutr.* 2019 Sep 25. doi: 10.1002/jpen.1708. [Epub ahead of print] PMID:31556136
18. \*Nicolo ML, Shewokis PA, Boullata J, Sukumar D, Smith S, **Compher C**, Volpe SL. Sedentary behavior time as a predictor of hemoglobin A1c among adults, 40-59 years of age, living in the United States: National Health and Nutrition Examination Survey 2003-2004 and 2013-2014. *Nutr Health* 2019, epub. 5 pp.
19. \*Lazarow H, Nicolo M, **Compher C**, Kucharczuk CR, Stadtmauer EA, Landsburg DJ. Nutrition-related outcomes for autologous stem cell transplantation patients. *Clin Lymph, Myeloma & Leukemia* 2019; 18,e393-8. PMID 31053549
20. \*Patel JJ, Rice T, **Compher C**, Heyland DK. Do we have clinical equipoise (or uncertainty) about how much protein to provide to critically ill patients? *Nutr Clin Pract.* 2019 Jun 7. Doi:10.1002/ncp.10320. PMID:31175689
21. \*Pironi L, Steiger E, Brandt C, Joly F, Wanten G, Chambrier C, Aimasso U, Sasdelli AS, Zeraschi S, Kelly D, Szczepanek K, Jukes A, Di Caro S, Theilla M, Kunecki M, Daniels J, Serlie M, Poullenot 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, Won Lee AD, Masconale L, Orlandoni P, Izbéki F, Spaggiari C, Bueno M, 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, Lal S; Home Artificial Nutrition and

- Chronic Intestinal Failure Special Interest Group of ESPEN; European Society for Clinical Nutrition and Metabolism. Home parenteral nutrition provision modalities for chronic intestinal failure in adult patients: An international survey. *Clin Nutr*. 2019 Mar 25. pii: S0261-5614(19)30123-2. doi: 10.1016/j.clnu.2019.03.010. [Epub ahead of print] PMID:30992207
22. Cederholm T, Jensen GL, Correia MITD, Gonzalez MC, Fukushima R, Higashiguchi T, Baptista G, Barazzoni R, Blaauw R, Coats AJS, Crivelli AN, Evans DC, Gramlich L, Fuchs-Tarlovsky V, Keller H, Llido 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. *J Cachexia Sarcopenia Muscle*. 2019 Feb;10(1):207-217. doi: 10.1002/jcsm.12383 PMID: 30920778
23. \*Liu J, Wu L, Hanlon A, Tien J, Um P, Dickerman B, Irving S, Shi Z, **Compher C**. Breakfast types are associated with adolescents' IQ and academic achievement. *Curr Dev Nutr* 2019 Jun 13;3(Suppl 1). Doi:10.1093/cdn/nzz039.p18-103-19. PMID: 31224516
24. \*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.
25. 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
26. 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, Llido 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.clinu.2018.08.002. [Epub ahead of print]

PMID:30181091

27. 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, Llido 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
28. **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.
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117. Blonski WC, Furth EE, Kinosian BP, **Compher C**, Metz DC. A Case of Cronkhite-Canada Syndrome with Taste Disturbance as a Leading Complaint. Digestion 2005;71:201-205. PMID: 15942207.
118. **Compher C**. Intestinal Failure in Adults. Support Line 2005; 27(1):3-5.

119. \***Compher C**, Hise M, Kinosian BP. Comparison between Medgem and Deltatrac Resting Metabolic Rate Measures. *Eur J Clin Nutr* 2005; 59(10):1136-1141. PMID: 16015258.
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121. #Frankenfield D, Roth-Yousey L, **Compher C**. Comparison of Predictive Equations with Measured Resting Metabolic Rate in Healthy Nonobese and Obese Adults: A Systematic Review. *J Am Diet Assoc* 2005; 105:775-789. PMID: 15883556.
122. **Compher CW**, Spencer C, Kinosian BP. Perioperative parenteral nutrition: impact on morbidity and mortality in surgical patients *Nutr Clin Pract* 2005, 20(4):460-467. PMID: 16207685.
123. **Compher CW**. Adult Intestinal Failure and Indications for Transplantation. *Current Opin in Organ Transpl* 2004; 9:201-206.
124. \***Compher C**, Cato R, Bader J, Kinosian BP. Harris Benedict Equations Do Not Adequately Predict Energy Requirements in Elderly Hospitalized African Americans. *J National Med Assn* 2004, 96(2):209-214. PMID: 14977280.
125. Spencer CT, **Compher C**. Total Parenteral Nutrition, An Ally in the Management of Patients with Intestinal Failure and Malnutrition: A Long-term View. *JPEN J Parenter Enteral Nutr* 2003; 27(5): 374-381. PMID: 16207685.
126. \***Compher C**, Kinosian BP, Stoner NE, Lentine DC, Buzby GP. Choline and vitamin B12 deficiencies are interrelated in folate-replete long-term total parenteral nutrition patients. *JPEN J Parenter Enteral Nutr* 2002; 26(1):57-62. PMID: 11833752.
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128. Spencer CT, **Compher C**. The Development of TPN: An interview with pioneer surgical nutritionist Jonathan E. Rhoads, MD. *J Am Diet Assoc* 2001; 101:747-750. PMID: 14977280.
129. \***Compher CW**, Frankel WL, Tazelaar J, Lawson JA, McKinney S, Segall S, Kinosian BP, Williams NN, Rombeau JL. Wheat Bran Decreases Aberrant Crypt Foci, Increases



Apoptosis, Preserves Normal Proliferation and Increases Intraluminal Butyrate Levels in Experimental Colon Cancer. *JPEN J Parenter Enteral Nutr* 1999, 23(5):269-278. PMID: 10485439.

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132. **Compher C**, Kim JN, Bader JG. Nutritional requirements of an aging population with emphasis on subacute care patients. *AACN Clin Issues* 1998,9(3):441-50. PMID: 9855882.
133. Coffey A, **Compher C**. Advanced dietetic training in nutrition support and metabolism: the University of Pennsylvania Medical Center experience. *Nutrition* 1996; 12(11-12): 836-838. PMID: 8974119.
134. Evans M, Liffbrig T, Nelson J, **Compher C**. Home Nutrition Support Education Materials. *Nutr Clin Pract* 1993; 8:43-47. PMID: 8455532.
135. **Compher C**, Mullen J, Barker C. Nutrition Support in Renal Failure. *Surg Clin North Am* 1991 Jun;71(3):597-608. PMID: 1904646.
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137. \***Compher C**, Colaizzo T, Rieke S. Changes in Nutrition Support Services Between 1984 and 1986. *J Am Diet Assoc* 1989; 89(10):1452-1457. PMID: 2507616.
138. \***Compher C**. Nutrition Assessment in Chronic Renal Failure. *Nutr Supp Serv* 1985; 6(8):18-25.
139. **Compher C**. Role of the Clinical Dietitian in the Nutrition Support Service. *J Osteopathic Med Assoc* 1983; Spring:12-16.

**Abstracts (Selected past 3 years) [\* data-based]**

1. \*Schwartz N, Compher C, Koelper N. Automated segmentation analysis of 3DUS placental volumes yields an early biomarker of fetal growth potential. Society for Maternal Fetal Medicine, Orlando FL, January 2022
2. \*Xue Z, Coughlin R, Amorosa V, Schiavone P, Stoner N, Kinosian BP, **Compher C**. Central Line-Associated Bloodstream Infections in a Cohort of Adult Home Parenteral Nutrition Patients. ASPEN Nutrition Science and Practice Conference, Tampa, FL, 2020.
3. \*Lazarow H, **Compher C**, Gilmar C, Freyer C. Rates of Central Line Associated Bloodstream Infections in Oncology Patients with and without Parenteral Nutrition. ASPEN Nutrition Science and Practice Conference, Tampa, FL, 2020.
4. \*Breton J, Quinn R, Schwab E, Kachelries K, Zilber S, Conrad M, Baldassano R, Albenberg L, **Compher C**. Dietary Intake and Pattern in Children with Inflammatory Bowel Disease and Healthy Children. North American Society for Pediatric Gastroenterology Hepatology & Nutrition, Chicago, 2019.
5. \*Lazarow H, Nicolo M, **Compher C**, Stadtmauer E, Landsburg D. Nutrition-related outcomes in autologous stem cell transplant patients. Oncology Stem Cell Transplant Meeting, 2018.
6. \***Compher C**, Parry SI, Chittams J, Griffith CJ, Elovitz MA. Diet Pattern is Associated with an Increased Risk of Hypertensive Disorders of Pregnancy. Society of Maternal Fetal Medicine. 2018.
7. \***Compher C**, Higashibeppu N, Higashiguchi T, Chittams J, Heyland MD DK. Body Mass Index Below 20 is Associated with Mortality in Asian and Western ICU Patients. ASPEN Nutrition Science and Practice Conference, Las Vegas, NV, 2018.

## Books

1. Rolandelli R, Bankhead R, Boullatta J, **Compher C**, Eds: Clinical Nutrition, Enteral and Tube Feeding, 4<sup>th</sup> 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.
2. **Compher C**, Boullata J. Influence of protein-calorie malnutrition on medication. In Handbook of Drug-Nutrient Interaction, 2<sup>nd</sup> Ed, Eds Boullata JI, Armenti VT. Humana Press: Parsipanny, NY, 2010, 137-166. ISBN 978-1-60327-363-3.
3. **Compher C**, Boullata J, Winkler M. Nutritional management of intestinal failure. In Clinical Nutrition for Surgical Patients, Eds Marian M, Russell M, Shikora S. Jones & Bartlett: Sudbury, MA, 2007, 283-306. ISBN-13:9780763738815. ISBN-10: 0763738816.
4. **Compher C**, Metz D. Physiologic and Laboratory Testing. In Matarese L, Seidner D, Steiger E, Eds. Intestinal Failure and Rehabilitation: A Clinical Guide, CRC Press, 2005, 115-128. ISBN: 9780849318030. ISBN-10:0849318033.
5. **Compher C**, Evans-Stoner N. Nutrition. In: Medical-Surgical Nursing, 7th Edition Clinical Management for Positive Outcomes Eds: Black JM, Hokanson Hawks J. Elsevier Science, 2004, pp 689-716. ISBN 0-7216-0220-7.
6. Han M, Gatto P, **Compher C**. Minerals and Trace Elements. In: Rolandelli R, Bankhead R, Boullata J, and Compher C, Eds. Clinical Nutrition: Enteral and Tube Feeding. Elsevier Science, 2004, 140-154. ISBN-13: 978-0-7216-0379-7 ISBN-10: 0-7216-0379-3.
7. **Compher C**. Vitamins. In: Rolandelli R, Bankhead R, Boullata J, and Compher C, Eds. Clinical Nutrition: Enteral and Tube Feeding. Elsevier Science, 2004, 126-139. ISBN-13: 978-0-7216-0379-7. ISBN-10: 0-7216-0379-3.
8. **Compher C**. The Impact of Protein-Calorie Malnutrition on Drugs. In Handbook of Drug-Nutrient Interactions, eds: Boullata J, Armenti VT. Totowa, NJ: Humana Press, 2004, 83-100. ISBN 1-58829-249-5.
9. **Compher C**, Lichtenstein G. Gastrointestinal Disease in Medical Nutrition and Disease 3<sup>rd</sup> Edition, ed Morrison G, Hark L. Malden MA: Blackwell Science, 2003, 229-244.
10. Kinosian B, Berlin R, **Compher C**, Cato R. Deciding About Diets in An Introduction to Hospitals and

Inpatient Care, in Siegler, Mirafzali and Foust.(eds).Springer, 2005; pp. 114-132.

11. **Compher C**, Nelson J. Economics of Nutrition Support. In Contemporary Nutrition Support Practice: A Clinical Guide, eds Matarese L, Gottschlich M. Philadelphia: W.B.Saunders, 2002, 636-644.
12. **Compher C**, Seto R, Lew J, Rombeau J. Dietary Fiber and Its Clinical Applications to Enteral Nutrition. In: Rombeau, J. (Ed). Clinical Nutrition: Enteral and Tube Feeding, 3rd edition. W.B. Saunders, Philadelphia, 1997.
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 (Selected past 5 years)**

1. Jensen GL, **Compher C**, Malone A, Guenter P. Concurrent and predictive validity of AND-ASPEN Malnutrition Consensus is satisfactory in hospitalized patients: a longitudinal study – A Commentary. JPEN J Parenter Enteral Nutr. 2021 May 14. doi: 10.1002/jpen.2187. Online ahead of print. PMID: 33990987
2. **Compher C**. Fruits, vegetables and whole grains win again. Am J Clin Nutr. 2021 Jun 3:nqab171. doi: 10.1093/ajcn/nqab171. Online ahead of print. PMID: 34081105
3. Patel JJ, Rice T, **Compher C**, Heyland DK. Do we have clinical equipoise about protein intake? Nutr Clin Pract. 2020 Jun;35(3):499-505. doi: 10.1002/ncp.10320. Epub 2019 Jun 7. PMID: 31175689.
4. Heyland DK, Stapleton R, **Compher C**. Should we prescribe more protein to critically ill patients? Nutrients epub April 7 2018.

### **RECENT LECTURES AND WORKSHOPS (Selected past 5 years)**

#### **International**

1. Getting to know the 2021 ASPEN Adult Critical Illness Clinical Guideline. Virtual FELANPE, May 2021.
2. Diet, the Gut Microbiome and Preterm Birth. Virtual FELANPE, May 2021.

3. Exclusive Enteral Nutrition in Pediatric Crohn's Disease. Virtual FELANPE, May 2021.
4. Diet and the Gut Microbiome, Institute of Medicine, Bogota, Colombia, February 2020.
5. Diet and the Gut Microbiome; Recognizing Malnutrition in Adults, Centro Latinoamericano de Nutricion, Cartagena, Colombia, February 2020.
6. Global Program for Diagnosis of Malnutrition in Adults, Pan-Asian Society for Parenteral and Enteral Nutrition, Seoul, South Korea, June 2018.
7. Assessment of Malnutrition in Critically Ill Patients, Japanese Society for Parenteral and Enteral Nutrition, Yokohama, Japan, February 2018.

#### **National (selected from past 5 years)**

1. A Case-based approach to the ASPEN Guidelines: Adult Critical Care webinar. April 29, 2021.
2. Diet and the Gut Microbiome in Pediatric Crohn's Disease, ASPEN 2020, March 2020.
3. Explaining the new GLIM Criteria; Association of Clinical Documentation Improvement Specialists, Orlando, FL, May, 2019
4. President's Address, American Society for Parenteral and Enteral Nutrition, Clinical Nutrition Week, Orlando, FL, 2017.

#### **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.

#### **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 <sup>th</sup> 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)**

Stanley Dudrick Research Scholar Award Selection Committee Chair	2019-2023
ASPEN Rhoads Research Foundation Board Member	2021-2024
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

	2021-2024
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
<u>JPEN J Parenter Enteral Nutr</u> _____, Reviewer	1991-

### **European Society for Clinical Nutrition and Metabolism (ESPEN)**

Scientific abstract reviewer	2021-
<u>Clinical Nutrition</u> , Reviewer	2017-

### **UNIVERSITY OF PENNSYLVANIA ACTIVITIES**

#### **School of Nursing Roles**

Faculty Senate, Past Chair	2021-2022
Faculty Senate, Chair	2020-2021
Faculty Senate, Chair-elect	2019-2020
Bylaws Committee, Chair	2019-2020
Bylaws Committee, Member	2018-2021
Research Committee, Member	2017-2020
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 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**

University Research Compliance Committee, member	2021-
Penn Fulbright Award Faculty Committee	2017-

Steering Committee, Penn Nutrition Science and Medicine Center	2018-
Executive Committee, Obesity Unit of Institute of Diabetes, Obesity and Metabolism	2016-2020
University Council Committee on Honorary Degrees, Member	2014-2017
Guatemala Penn Partners, Member	2014-2020
Human Subjects Research Advisory Committee, Member	2013-2020
Human Subjects Research Advisory Committee, Chair	2020-2023
Human Subjects Research Committee, Member	2012-2018
Subcommittee on Administrative 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
Penn ERA 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**

Melanie Tayer, N389 Student, "ASA24 to Evaluate Food Intake in Home Parenteral Nutrition Patients."  
2020

Ana Quiroga, McKenna Boit, N389 Students, "Learning about research via the Home Parenteral Nutrition Patient Survey."  
2019

Spencer Ramirez, N389 Student, "Improvement of Catheter-related Bloodstream Infections in Home Parenteral Nutrition Patients."  
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."  
2018-2019

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", Member, University of Pennsylvania  
2014-2016

Erwin Calgua, MD, "Double Burden of Malnutrition and Obesity in Rural Guatemala,"

Member, University of Pennsylvania 2014-2017

### **Master of Public Health**

Deena Roemer, BS, "Patient Perspectives of Diet in Inflammatory Bowel Disease"  
Reader, 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**

Jessica Breton, MD, "Diet, Food Patterns, and the Gut Microbiome in Children with Inflammatory Bowel Disease and Healthy Controls," Member, University of Pennsylvania 2020-2021

Victoria Gershuni, MD, "The effects of type and amount of dietary fatty acids on the gut microbiota and bile acids", Reader, University of Pennsylvania 2019

Marion Vetter, MD, RD, "Effects of Endogenous GLP-1 on Improved Glycemia Following Bariatric Surgery"  
Reader, University of Pennsylvania 2014

### **Doctor of Nursing Practice**

Rachel Coughlin, MS, CRNP "Prevention of Central Line Associated Blood Stream Infections in Total Parenteral Nutrition Home Infusion Therapy Patients: Implementation of Passive Disinfection Caps – Quality Improvement Initiative," Member, Duke University School of Nursing 2019-2021

### **Doctoral Dissertation**

Clare Super, PhD Candidate, “ “, Member, University of Pennsylvania Department of Anthropology  
2021-2023

Zhang Yii Lee, MD. “Muscle Mass, Clinical Outcome and Protein Delivery in Critically Ill Patients,”  
external reviewer, University of Malaysia  
2021

Ashley Cooper, MSN, CRNP. “What is the association of experiences of gender and raced-based  
discrimination (gendered racism) with BMI and inflammatory markers in Black American women”,  
cochair, University of Pennsylvania School of Nursing  
2020-

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  
2018-2019

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,"  
Chair, 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,"  
Co-mentor, University of Pennsylvania, School of Nursing 2015-2017

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

### **Professional Mentorship**

Antonio Davila, PhD. Assistant Professor of Laboratory Science CE, University of Pennsylvania School of Nursing. 2021-

Sunni Mumford, PhD. Assistant Professor of Epidemiology. Perelman University of Pennsylvania School of Medicine. 2021-

Stephanie Hinkle, PhD. Assistant Professor of Epidemiology CE. Perelman University of Pennsylvania School of Medicine. 2021-

Kimberly Trout, PhD, CNM, APRN. Assistant Professor of Women's Health CE, Penn Nursing, 2014-

Sharon Irving, PhD, RN, CRNP, FCCM, FAAN. Associate Professor of Pediatric Nursing CE, Penn Nursing, 2012-

Octavia Pickett-Blakely, MD. Assistant Professor of Clinical Medicine. Perelman University of Pennsylvania School of Medicine. 2011-2020.

Hassan Dashti, PhD, RD, "The impact of overnight nutrition support on sleep and circadian rhythm disruption in the ICU", NHLBI K-99, award consultant." Lecturer, Center for Genomic Science, Massachusetts General Hospital.

William McKeever, PhD, RD. "Nutrition and Metabolomics in Human Septic Shock ", NHLBI K-01, score 39 (primary mentor). Postdoctoral fellow Penn Nutrition Science and Medicine Center, 2019-2021.

Paule Valery Joseph, PhD, RN, CRNP. Career mentorship during postdoctoral fellowship and early faculty years at NIH.

Rosario Jaime-Lara, PhD, RN, CRNP. Career mentorship during postdoctoral fellowship at NIH.

Brianna Brooks, BA. Career mentorship during postbaccalaureate research position at NIH and during applications for doctoral programs in Biochemistry/Nutrition Science.

### **Community Support**

Volunteer with Mercy-Penn Medicine Covid-19 community-based vaccine clinic, 2021.