

CURRICULUM VITAE

BIOGRAPHICAL

Name: Laura E. Matarese, PhD, RD, LDN, FADA,
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EDUCATION AND TRAINING

UNDERGRADUATE:

Dates Attended	Name & Location of Institution	Degree Received & Year	Major Subject
09/74-05/78	Ohio Dominican University Columbus, Ohio	BA - 1978 AS - 1978	Food & Nutrition Chemistry

GRADUATE:

Dates Attended	Name & Location of Institution	Degree Received &Year	Major Subject
08/78-/01/80	Case Western Reserve University School of Medicine Cleveland, Ohio	MS - 1980	Nutrition Science
06/02-08/07	University of Medicine and Dentistry of New Jersey Newark, New Jersey	Ph.D - 2007	Health Science (Nutrition)

POST GRADUATE:

Dates Attended	Name & Location of Institution	Name of Program Director/Discipline
2002- 2007	University of Medicine and Dentistry of New Jersey, Newark, New Jersey	Riva Touger-Decker, PhD, RD, FADA Doctorate in Philosophy (Ph.D.) in Health Science Nutrition Emphasis

TRAINING:

Dates Attended	Name & Location of Institution	Name of Program Director-Discipline
8/78-8/79	Veterans Administration Medical Center Cleveland, Ohio	Gwendolyn Kline, R.D. Dietetic Intern

APPOINTMENTS AND POSITIONS

ACADEMIC:

Years Inclusive	Name & Location of Institution	Title
3/80-4/83	University of Cincinnati Cincinnati, Ohio	Adjunct Instructor Nutrition Support Dietitian
1/05- 12/07	University of Pittsburgh School of Medicine Department of Surgery	Clinical Instructor of Surgery Director of Nutrition, Intestinal Rehabilitation & Transplant Center
3/08-9/11	University of Pittsburgh School of Medicine Department of Surgery	Assistant Professor of Surgery Director of Nutrition, Intestinal Rehabilitation & Transplant Center

12/08-present	University of Medicine and Dentistry of New Jersey Department of Nutritional Sciences/ Graduate Program in Clinical Nutrition	Adjunct Associate Professor of Nutrition
10/11-present	East Carolina University Department of Internal Medicine Division of Gastroenterology Brody School of Medicine and Department of Nutrition Science East Carolina University	Associate Professor

NON-ACADEMIC:

1983-1985	The Cleveland Clinic Foundation Cleveland, Ohio	Nutrition Assessment Dietitian
1985-1988	The Cleveland Clinic Foundation Cleveland, Ohio	Clinical Nutrition Specialist
1988-1995	The Cleveland Clinic Foundation Cleveland, Ohio	Nutrition Support Coordinator
1995-2001	The Cleveland Clinic Foundation Cleveland, Ohio	Manager, Nutrition Support Dietetics
2001-2004	The Cleveland Clinic Foundation Cleveland, Ohio	Director, Nutrition Intestinal Rehabilitation

CERTIFICATION AND LICENSURE

Registration **Year**

Registered Dietitian 549115 1980

Professional Licensure

North Carolina 9/11 – 03/31/12
 Pennsylvania License: DN003231 2005-present
 Ohio License: L1492

Certifications:

Fellow of The American Dietetic 1995
 Association (Charter)
 Certified Nutrition Support Dietitian 1988-April 2011
 Certified Nutrition Support Clinician April 2011

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Organization	Year
American Dietetic Association (ADA)	1980 - Present
American Society for Parenteral and Enteral Nutrition (ASPEN)	1980 - Present
American Association of University Women (AAUW)	1978 - Present
American Gastroenterological Association (AGA)	2005 - Present
Cleveland Dietetic Association (CDA)	1983 - 2004
Dietitians In Nutrition Support Practice Group (DNS)	1983- Present
Dietetic Educators of Practitioners (DEP)	2007- Present
European Society for Clinical Nutrition and Metabolism (ESPEN)	2006- Present
North Carolina Dietetic Association	2011-Present
Ohio Dietetic Association (ODA)	1983 - 2004
Ohio Society for Parenteral and Enteral Nutrition (OSPEN)	1993 - 2004
Pennsylvania Dietetic Association (PDA)	2005 - Present
Pittsburgh Dietetic Association (PDA)	2005 – Present
Research Dietetic Practice Group	2008 - Present
Greater Pittsburgh Area Society for Parenteral and Enteral Nutrition (GPASPEN)	2005 - Present
International Transplant Nurses Society (ITNS)	2005 – Present
International Transplant Association (ITA)	2007- Present

HONORS

Title of Award	Year
Connecticut State Scholar	1974
Dominican Scholar	1974
McDowell Scholar	1975
Kappa Gamma Pi	1978
Delta Epsilon Sigma	1978
David Allen Hamilton Christopher Award	1978
Recognition of Service Award, The American Dietetic Association	1992-1994, 1997
Distinguished Service Award, Dietitians In Nutrition Support	1994
ADA Foundation Award for Excellence In the Practice of Clinical Nutrition	1996
Case Western Reserve University Alumna of the Year	1997
A.S.P.E.N. Distinguished Achievement in Nutrition Support Dietetics	1999
Medallion Award, The American Dietetic Association	1999
Mary Swartz Rose Graduate Fellowship	2004
Advanced Clinical Practice Award, A.S.P.E.N.	2005
Excellence in Nutrition Support Education, A.S.P.E.N.	2010

PUBLICATIONS

I. Refereed Articles

1. Kern K.A., Bower R.H., Atamian S., **Matarese L.E.**, Ghory M.J., and Fischer J.E.: The effect of a new branched-chain enriched amino acid solution on post-operative catabolism. *Surgery* 94(4):780, 1982.
2. **Matarese L.E.**: Algorithm for nutritional support. IN: Muggia-Sullam M. and Fischer J.E. Current concepts of indications for preoperative parenteral nutrition. *Clinics in Anaesthesiology* 1(3):583, 1983.
3. Muggia-Sullam M., **Matarese L.E.**, Edwards L.L., and Fischer J.E.: Efficacy of Two Elemental Diets: A pair-feeding study. *Journal of Parenteral and Enteral Nutrition* 10(1):45, 1986.
4. Marein C., Misny P., Paysinger J., O'Neil M., Sharp J., Srp F., Gullledge A.D., Holpit L., **Matarese L.**, and Steiger E. Home Parenteral Nutrition, *Nutrition in Clinical Practice* 1(4):179, 1986.
5. Gullledge A.D., Srp F., Sharp J.W., **Matarese L.E.**, O'Neil M., and Steiger E.: Psychosocial Issues of Home Parenteral and Enteral Nutrition, *Nutrition in Clinical Practice* 2(5):183-194, 1987.
6. Srp F., Steiger E., Gullledge A.D., **Matarese L.E.**, Paysinger J., Roncagli T., Stebbins J., and Sullivan M.: Psychosocial Issues of Nutritional Support. A Multidisciplinary Interpretation. *Nursing Clinics North America* 24(2):447-459, 1989.
7. DeChicco R.S. and **Matarese L.E.**: Selection of Nutrition Support Regimens. *Nutrition In Clinical Practice* 7(5):239-245, 1992.
8. Steiger E., Seidner D., Roncagli T., **Matarese L.**, Curtas S., and Speerhas R.: Clinical Rounds With Nutrition Support Services. *Nutrition In Clinical Practice* 8(6):282-290, 1993.
9. Seidner D.L., **Matarese L.E.**, Steiger E.: Nutritional Care of the Critically Ill Patient with Renal Failure. *Seminars in Nephrology* 14(1):53-63, 1994.
10. **Matarese L.E.**: Rationale and efficacy of specialized enteral nutrition. *Nutrition In Clinical Practice* 9(2):58-64, 1994.
11. **Matarese, L.E.**: Indirect calorimetry: Technical aspects. *Journal of the American Dietetic Association*. 97(10)(suppl 2):S154-S160, 1997.
12. Lord L.M., Petnicki, P., August, D.A., **Matarese, L.** Scanlon C. Incorporating nutrition device outcomes in clinical trials. *Nutrition In Clinical Practice*. 13(3):S52-S53, 1998.

13. **Matarese LE**, Speerhas R, Seidner DL, and Steiger E. Foscarnet-induced electrolyte abnormalities in a bone marrow transplant patient receiving parenteral nutrition. *Journal of Parenteral and Enteral Nutrition*. 24(3):170-73, 2000.
14. **Matarese LE**. Case Problem: Nutrition Support in MEN1 Syndrome (response). *Journal of The American Dietetic Association*. 101(12):937, 2001
15. Boullata J, **Matarese LE**. Guidelines for the use of parenteral and enteral nutrition in adult and pediatric patients: Normal requirements - adults. *Journal of Parenteral and Enteral Nutrition*. 26(1):22SA-24SA., 2002.
16. **Matarese LE**, Steiger E, Seidner DL, Richmond B. Body composition changes in cachectic patients receiving home parenteral nutrition. *Journal of Parenteral and Enteral Nutrition* 26(6):366-371, 2002.
17. **Matarese LE**. Establishment of an Intestinal Rehabilitation Program in an International Tertiary Care Center. *Nutrition* 19(1):70-72, 2003.
18. **Matarese LE**, Steiger E, Seidner D. Review of a Potential Role for Zinc Supplementation in Oral Rehydration Solutions. *Nutrition In Clinical Practice* 18 (3): 240-246, 2003.
19. **Matarese LE**, Seidner DL, Steiger E. Growth hormone, glutamine, and modified diet for intestinal adaptation: A review of the literature. *Journal of The American Dietetic Association* 104 (18): 1265-1272, 2004
20. **Matarese LE**, Seidner DL, Steiger E. The role of probiotics in gastrointestinal disorders. *Nutrition in Clinical Practice* 18 (6): 507-516, 2003.
21. **Matarese LE** and Teruyoshi A. Dietitians – Past, present and future. *The Japanese Journal of Clinical Nutrition*. 105 (2): 210- 219, 2004 (Japanese)
22. **Matarese LE**, Seidner DL, Steiger E, Fazio V. Practical Guide to Intestinal Rehabilitation for Postresection Intestinal Failure: A Case Study. *Nutrition in Clinical Practice* 20 (6): 551-558, 2005
23. **Matarese LE**, Abu-Elmagd K. Somatropin for the treatment of short bowel syndrome in adults. *Expert Opinion Pharmacotherapy* 6(10): 1741-1750, 2005
24. **Matarese LE**, O’Keefe SJ, Kandil HM, Bond G, Costa G, Abu-Elmagd K. Short bowel syndrome: Clinical guidelines for nutrition management. *Nutrition in Clinical Practice* 20 (6): 493-502, 2005
25. **Matarese LE**, O’Keefe SJ, Kandil HM, Bond G, Costa G, Abu- Elmagd K. Comprehensive Care of the patient with intestinal failure. *Japanese Journal of Clinical Nutrition* 106 (6): 804-809, 2005 (Japanese)

26. Abu-Elmagd KM, Bond G, **Matarese L**, Costa G, Koritsky D, Laughlin K, Soltys K, Kandil H, Sindhi R, O'Keefe S, Mazariegos G. Gut rehabilitation and intestinal transplantation. *Therapy* 2(6):853-864, 2005.
27. Messing B, Blethen S, DiBaise, **Matarese LE**, Steiger E. Treatment of adult short bowel syndrome with recombinant human growth hormone: a review of clinical studies. *J Clin Gastroenterol* 40(2):S75-84, 2006
28. **Matarese LE** and Steiger E. Dietary and medical management in adult patients with short bowel syndrome. *J Clin Gastroenterol* 40 (2):S85-93, 2006
29. DiBaise JK, **Matarese LE**, Messing B, Steiger E. Strategies for weaning parenteral nutrition in adult patients with parenteral nutrition. *J Clin Gastroenterol* 40(2):S94-98, 2006
30. Steiger E, Messing B, DiBaise, **Matarese LE**, Blethen S. Indications and guidelines for the use of recombinant human growth hormone in adult short bowel syndrome patients dependent on parenteral nutrition. *J Clin Gastroenterol* 40 (2): S99-106, 2006
31. Hegazi RA, Saad R, Mady N, **Matarese LE**, O'Keefe S, Kandil HM. Dietary fatty acids modulate chronic colitis, colitis-associated colon neoplasia and COX-2 expression in IL-10 knockout mice. *Nutrition* 22(3):275-282, 2006
32. **Matarese LE** and Abu-Elmagd K. Can growth hormone and glutamine reduce parenteral nutrition requirements in patients with short-bowel syndrome? *Nature Clinical Practice Gastroenterology & Hepatology* 3:194-195, 2006.
33. O'Keefe SJD, Emerling M, Koritsky D, Martin D, Stamos J, Kandil H, **Matarese L**, Bond G, Abu-Elmagd K. Nutrition and Quality of Life following Small Intestinal Transplantation. *Am J Gastroenterology* 102:1-8, 2007
34. **Matarese LE**, Costa G, Bond G, Stamos J, Koritsky D, O'Keefe, SJ and Abu-Elmagd, K. Therapeutic Efficacy of Intestinal and Multivisceral Transplantation: Survival and Nutritional Outcome. *Nutrition in Clinical Practice* 22 (5):474-481, 2007
35. Baird Schwartz D, Mirtallo J, **Matarese LE**. Practice Audit of Nutrition Support Certification. *Nutrition in Clinical Practice* 23(3):329-340, 2008.
36. **Matarese LE**, Dvorchik I, Costa G, Bond GJ, Koritsky DA, Ferraris RP, Touger-Decker R, O'Sullivan-Maillet J, Abu-Elmagd K. Pyridoxal-5'-phosphate deficiency after intestinal and multivisceral transplantation. *American Journal of Clinical Nutrition* 89(1):204-209, 2009
37. Abu-Elmagd KM, Mazariegos G, Costa G, Soltys K, Bond G, Sindhi R, Green M, Jaffe R, Wu T, Koritsky D, **Matarese L**, Schuster B, Martin L, Dvorchik I, Nalesnik M. Lymphoproliferative Disorders and De novo Malignancy in Intestinal Recipients: Improved outcome with new outlook. *Transplantation* 88(7): 926-934, 2009

38. Abu-Elmagd KM, Costa G, Bond GJ, Soltys K, Sindhi R, Wu T, Koritsky DA, Martin L, Cruz R, Murase N, Zeevi A, Irish W, Ayyash MO, **Matarese L**, Humar A, Mazariegos G. Five Hundred Intestinal and Multivisceral Transplantations at a Single Center: Major Advances with New Challenges. *Annals of Surgery*. 250 (4): 567-581, 2009
39. Resnick J, Gupta N, Wagner J, Costa G, Cruz R., Martin L, Koritsky DA, Perera S, **Matarese L**, Eid K, Schuster B, Roberts M, Greenspan S, Abu-Elmagd K. Skeletal Integrity and Small Bowel Transplantation. *Am J Transplantation*. 10(10):2331-40, 2010
40. **Matarese LE**. Nutrition Interventions Before and After Adult Intestinal Transplantation: The Pittsburgh Experience. *Practical Gastroenterology XXXIV(11)*: 11-26, 2010
41. Vanek VW, **Matarese LE**, Robinson M, Sacks GS, Young LS, Kochevar M. A.S.P.E.N. Position Paper: Parenteral Nutrition Glutamine Supplementation. *Nutrition in Clinical Practice* 26 (4): 479 - 494, 2011[DOI 10.1177/0884533611410975]

II. Reviews and Invited Papers

1. **Matarese L.E.**: Enteral Alimentation: Oral and Tube Feedings. *Nutritional Support Services* 1(8):41, 1981.
2. **Matarese L.E.**: Enteral Alimentation: Techniques of Administration. *Nutritional Support Services* 2(1):36, 1982.
3. **Matarese L.E.**: Enteral Alimentation: Equipment. *Nutritional Support Services* 2(2):48, 1982.
4. **Matarese L.E.**: Standardized enteral nutritional support. *Nutritional Support Services* 3(8):27, 1983
5. **Matarese L.E.**: Open Forum. Nutritional Assessment Present and Future. *Nutritional Support Services* 8(11):23-24, 1988.
6. Hughes, C. and **Matarese, L.**: Reimbursement Issues in Nutrition Support. *Support Line*, 11(3): 1-15, 1989.
7. **Matarese, L.E.**: A Resource for Using Indirect Calorimetry. *Support Line* 12(4): 15, 1990.
8. **Matarese, L.E.**: Equipment: Current and New Technologies. *Support Line* 14(2):7-10, 1992.
9. **Matarese, L.E.**: The Fine Points of Public Speaking. *Support Line* 16(2):13-15, 1994
10. **Matarese, L.E.**: Credentialing: Achievement or Alphabet Soup? *Nutrition*. 13(7&8,11&12):712-713,1012, 1997.
11. **Matarese, L.E.**: Indirect Calorimetry: Technical Aspects. *Support Line*. 14(1):6-12, 1997

12. Piazza-Barnett, R and **Matarese LE**. Electrolyte management in total parenteral nutrition. Support Line 21(2): 8-15, 1999
13. Seidner DL. and **Matarese LE**. Short Bowel Syndrome: Etiology, Pathophysiology and Management. Selected Topics in Gastroenterology. The Cleveland Clinic Foundation Center for Continuing Education. 2003.
14. **Matarese LE**. A short course on short bowel. Nutrition and the MD. 30 (5): 1-3, 2004
15. **Matarese, LE**. Wireless capsule endoscopy: Voyage through the intestine. Support Line 27(1):10-19, 2005
16. Shutt, B and **Matarese, LE**. Fluid and Electrolyte Replacement with Specialized Oral Rehydration Solutions. Support Line 28(3):24-28, 2006
17. **Matarese LE** and Abu-Elmagd K. Can growth hormone and glutamine reduce parenteral nutrition in patients with short bowel syndrome? Nature Clinical Practice Gastroenterology & Hepatology 3(4):194-195, 2006.
18. **Matarese LE** and Abu-Elmagd K. Intestinal rehabilitation for short bowel syndrome: Current and future treatment options. US Gastroenterology Review (March): 1-5, 2006
19. O'Keefe, SJ and **Matarese, LE**. Small bowel transplantation. Current Gastroenterol Rep 8(15):360-6, 2006
20. **Matarese LE**. Dietary Management of Short Bowel Syndrome: What You Eat Does Matter. Lifeline Letter. September/October: 1, 8-9, 2008
21. **Matarese LE**. Intestinal and Multivisceral Transplantation: A New Therapy for Intestinal Failure. Clinical Nutrition Insight. 35(4): 1-5, 2009
22. **Matarese LE**. Intestinal Failure Centers: Who, What, When, Where. Lifeline Letter. May/June 1, 10-12, 14, 2009
23. **Matarese LE**. Total Nutrition Therapy and the Role of the Registered Dietitian in the U.S. Hospitals. Human Nutrition, 2:12-13, 2009
24. **Matarese LE**. Fascinating, Fabulous, Fiber. Lifeline Letter. November/December pg 13, 2009
25. Ireton-Jones C, **Matarese L**, Thompson C, Winkler M. Nutrition and You: Got Sunshine? Lifeline Letter. January/February pg 9, 2010
26. Ireton-Jones C, **Matarese L**, Thompson C, Winkler M. Nutrition and You: Got Sunshine? Part II. Lifeline Letter. March/April pg 6, 2010

27. Winkler M, Ireton-Jones C, **Matarese L**, Thompson C. How Sweet It Is – Sometimes Too Sweet! Lifeline Letter. May/June 2010
28. **Matarese L**, Ireton-Jones C, Thompson C, Winkler M, Short Bowel Syndrome: Quenching Your Thirst. Lifeline Letter. July/August 2010
29. Ireton-Jones C, **Matarese L**, Thompson C, Winkler M. Balance. Lifeline Letter. September/October pg 6, 2010
30. Winkler M, Ireton-Jones C, **Matarese L**, Thompson C. Searching the Web for Reliable Nutrition Information. Lifeline Letter. January/February pg 6, 2011
31. **Matarese L**, Ireton-Jones C, Thompson C, Winkler M. Preventing Food-borne Illness. Lifeline Letter. May/June pg 6, 2011
32. Lemond A, Ireton-Jones C, **Matarese L**, Thompson C, Winkler M, Keeping your kids healthy. Lifeline Letter. July/August pg 6, 2011

III. Proceedings and Symposia

1. Nursing Care of the Cancer Patient With Nutritional Problems, Ross Laboratories, Columbus, Ohio 1981.
2. **Matarese, L.E.**: Practical Decision-Making In Nutrition Support, Clintec Nutrition Company, Deerfield, Illinois. September 1991.
3. **Matarese, LE** “Nutrition and The Elderly: Savings for Medicare” IN: Forum Before the Special Committee on Aging, United States Senate, One Hundred Fourth Congress, Second Session, Washington, DC, June 20, 1996. Serial No. 104-15, U.S. Government Printing Office, 1996 pg 10.
4. **Matarese, L.E.** Nutrition Support In The United States. (Japanese) Dainabot Co, LTD, Osaka, Japan 1997
5. Clinical and Economic Evaluation of Enteral Delivery Systems in Nutrition Support, Ross Enteral Device Conference, Winston-Salem, North Carolina, Nutrition In Clinical Practice 13(3): June 1998.
6. Hedberg, A, **Matarese, L**, and Winkler, M. Best Performance: Helping Hospitals with JCAHO Accreditation in Enteral Nutrition. Novartis Nutrition, Minneapolis, MN 1998
7. **Matarese, LE.** and Winkler, MF. Parenteral and Enteral Nutrition and Dietary Management of Short Bowel Syndrome. IN: Therapeutic Options for Treating the Patient with Short Bowel Syndrome. 1(1):3-6 May 2005

IV. Books and Chapters

1. **Matarese, L.E.:** Enteral Alimentation, IN: Surgical Nutrition 1st Edition, Fischer, J.E., (ed.). Little, Brown, and Company, Boston, 1983 pp. 719-755.
2. **Matarese, L.E.** and Bower, R.H.: Parenteral Nutrition, IN: Cincinnati Diet Manual, 3rd Edition, Greater Cincinnati Dietetic Association, Cincinnati, Ohio, 1983.
3. **Matarese, L.E.:** Enteral Feedings, IN: Cincinnati Diet Manual 3rd Edition, Greater Cincinnati Dietetic Association, Cincinnati, Ohio, 1983.
4. Dunn, A.V., **Matarese, L.E.**, and Westveer, M.K.: Tube Feeding Instructions for Home, Cleveland Clinic Foundation, Cleveland, Ohio, June 1985.
5. Dunn, N., **Matarese, L.E.**, Steiger, E., Tyus, F.J., Chatburn, N., Helbley, M., Hooley, R.A., and Willoughby, S.: Enteral Nutrition Support Manual, Cleveland Clinic Foundation, Cleveland, Ohio, June 1985.
6. **Matarese, L.E.:** Reassessment and Determining an Endpoint of Therapy, IN: Dynamics of Nutrition Support, Krey, S.H. and Murray, R.L. (eds.) Appelton-Century-Crofts, Norwalk, 1986 pp. 479-487.
7. Asbeck, C., Imbrosciano, S., **Matarese, L.E.** and Tyus, F.: Tube Feeding Instructions For Home, 2nd (ed.), Cleveland Clinic Foundation, Cleveland, Ohio, January 1988.
8. Steiger, E., O'Neill, M., Paysinger, J., **Matarese, L.**, Misny, P., Stebbins, J.: Total Parenteral Nutrition, The Cleveland Clinic Foundation, Cleveland, Ohio, 1988.
9. **Matarese, L.E.**, "Nutrition Support in Renal Failure" IN: Nutrition Support Dietetics Core Curriculum, Shronts, E.P. (ed.), A.S.P.E.N., Silver Spring, Maryland, 1989 pp. 191-198.
10. Bell, S.J., **Matarese, L.E.**, Heysmsfield, S.B. (eds): Nutrition Assessment Anthology. A.S.P.E.N., Silver Spring, Maryland, 1991.
11. Gottschlich, M., **Matarese, L.E.**, and Shronts, E.P. (eds.). Nutrition Support Dietetics Core Curriculum, 2nd Edition. A.S.P.E.N., Silver Spring, Maryland, 1993.
12. **Matarese, L.E.:** "Renal Failure," IN: Nutrition Support Dietetics Core Curriculum, Gottschlich, M., **Matarese, L.E.**, Shronts, E.P. (eds), 2nd Edition. A.S.P.E.N., Silver Spring, Maryland, 1993, pp. 327-340.
13. **Matarese, L.E.:** Renal Disease, IN: Suggested Guidelines for Nutrition And Metabolic Management of Adult Patients Receiving Nutrition Support. Feitelson Winkler, M. and Lysen, L.K. (eds.). The American Dietetic Association, Chicago, Illinois, 1993.
14. **Matarese, L.E.**, Steiger, E. and Jewett, B.: "Nutrition Support in the Management of the Critically Ill" IN: The High Risk Patient: Management of the Critically Ill. Sivak, E.D.,

Higgins, T. and Seiver, A. (eds.). Williams & Wilkins, Media, Pennsylvania, 1995, pp. 1249-1277.

15. Curtas, S., Seidner, D.L., **Matarese, L.E.**, Speerhas, R., Steiger, E. "Home Nutrition Support" IN: Nutrition for the Hospitalized Patient: Basic Science and Principles of Practice. Torosian, M.H. (ed.). Marcel-Dekker, Inc., New York, New York, 1995, pp. 603-632.
16. McAdams, M.P., DeChicco, R.S., **Matarese, L.E.**, and Steiger, E. "Biochemical Assessment and Monitoring of Nutritional Status" IN: Current Surgical Nutrition. Latifi, R. and Dudrick, S.J. (eds.) R.G. Landes Company, Georgetown, Texas, 1996, pp. 1-31.
17. Anain, P., **Matarese, L.E.**, Latifi, R. and Steiger, E. "Home Parenteral Nutrition in Patients with Gastrointestinal Tract Failure" IN: Current Surgical Nutrition. Latifi, R. and Dudrick, S.J. (eds.) R.G. Landes Company, Georgetown, Texas, 1996, pp.279-292.
18. **Matarese, L.E.** (Editor) Nutrition Support Handbook. The Cleveland Clinic Foundation, Cleveland, Ohio 1997 (English and Japanese)
19. **Matarese, L.E.** "Enteral Nutrition" IN: Quick Reference To Clinical Dietetics. Lysen L.K. (ed) Aspen Publishers, Gaithersburg, Maryland, 1997, pp.177-181.
20. **Matarese, L.E.** "Anthropometric Measures" IN: Quick Reference To Clinical Dietetics. Lysen L.K. (ed) Aspen Publishers, Gaithersburg, Maryland, 1997, pp 233-234.
21. Hammond K, Hillhouse J, Harrison L, **Matarese LE**, Rindal J, Shrouts EP, Steiger E, Touger-Decker R, and Winkler MF. Nutrition-Focused Physical Assessment Skills for Dietitians. The American Dietetic Association, Chicago, Illinois, 1998.
22. **Matarese, L.E.** and Gottschlich, M.M. (eds.) Contemporary Nutrition Support Practice. WB Saunders, Philadelphia, Pennsylvania, 1998.
23. DeChicco, RS and **Matarese, L.E.** "Determining the Nutrition Support Regimen". IN: Contemporary Nutrition Support Practice. **Matarese, L.E** and Gottschlich, M.M. (eds) WB Saunders, Philadelphia, Pennsylvania, 1998, pp 185-191.
24. **Matarese, L.E.** "Rationale and Efficacy of Specialized Enteral and Parenteral Formulas" IN: Contemporary Nutrition Support Practice. **Matarese, L.E.** and Gottschlich, M.M. (eds) WB Saunders, Philadelphia, Pennsylvania, 1998, pp 265-278.
25. MacBurney M and **Matarese, L.E.** "Parenteral Nutrition in Pregnancy" IN: Contemporary Nutrition Support Practice. **Matarese, L.E.** and Gottschlich, M.M. (eds) WB Saunders, Philadelphia, Pennsylvania, 1998, pp 327-331.
26. **Matarese, L.E.** "Epilogue: Future Directions" IN: Contemporary Nutrition Support Practice. **Matarese, L.E.** and Gottschlich, M.M. (eds) WB Saunders, Philadelphia,

Pennsylvania, 1998, pp 665.

27. **Matarese, L.E.** and Hamilton, C. "Nutrition Support Indications and Efficacy" IN: Dietitian's Handbook of Enteral and Parenteral Nutrition. Skipper, A. (ed) Aspen Publishers, Gaithersburg, Maryland, 1998, pp 25-45.
28. **Matarese, L.E.** "Enteral Feeding Solutions" IN: Gastrointestinal Endoscopy Clinics: Enteral Nutrition. Shike M and Bloch A (eds) WB Saunders, Philadelphia, Pennsylvania, 1998, pp 593-609.
29. Hamilton C, DeChicco R, Piazza-Barnett R, **Matarese L.E.** "Enteral and Parenteral Nutrition Support" IN: Nutrition Care of the Older Adult. Niedert, K. (ed) The American Dietetic Association. Chicago, Illinois, 1998, pp 133-151.
30. Hasse J and **Matarese L.E.** "Nutritional Care in Diseases of the Liver, Biliary System, and Exocrine Pancreas" IN: Krause's Food, Nutrition, and Diet Therapy. 10th edition. Mahn KL and Escott-Stump S (eds) WB Saunders, Philadelphia, Pennsylvania, 1999, pg 695-721.
31. **Matarese L.E.** and Steiger E. "Parenteral Nutrition" IN: Medical Nutrition and Disease. 2nd ed. Morrison G and Hart L (ed) Blackwell Science, Malden, Massachusetts, 1999, pp 339- 346.
32. Piazza-Barnett, R. and **Matarese, L.E.** "Enteral Nutrition in Adult Medical/Surgical Oncology " IN: The Clinical Guide to Oncology Nutrition. Davis McCallum P and Gail Polisen C (eds) The American Dietetic Association, Chicago, Illinois, 2000, pg. 106-118
33. **Matarese L.E.** "Metabolic Complications of Parenteral Nutrition Therapy" IN: The Science and Practice of Nutrition Support: A Case-Based Core Curriculum. Gottschlich MM (ed). American Society for Parenteral and Enteral Nutrition. Silver Spring, Maryland, 2001, pg 269-286.
34. **Matarese L.E.** "Composite Foods and Formulas, Parenteral and Enteral Nutrition" IN: Nutrition in the Prevention and Treatment of Disease. Coulston A, Rock C, and Monsen E. (eds). Academic Press. San Diego, California, 2001, pg 245-260.
35. **Matarese L.E.** and Steiger E. Intestinal Rehabilitation Program. The Cleveland Clinic Foundation, Cleveland, Ohio 2001
36. Piazza-Barnett R, **Matarese L.E.**, Seidner DL, and Steiger E. "Techniques and Monitoring of Total Parenteral Nutrition" IN: The Biology and Practice of Current Nutritional Support, 2nd Ed. Latifi R and Dudrick SJ (eds). Landes Bioscience, Georgetown, Texas, 2003, pg. 158-177
37. DeChicco RS, **Matarese L.E.**, Seidner DL, and Steiger E. "Biochemical Assessment and Monitoring of Nutritional Status" IN: The Biology and Practice of Current Nutritional Support, 2nd Ed. Latifi R and Dudrick SJ (eds). Landes Bioscience, Georgetown, Texas, 2003, pg. 126-144
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VI. Other Publications

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24. **Matarese, L.E.:** Book Review: Nutrition Support Theory and Therapeutics. Shikora, S. and Blackburn, G (eds), Chapman & Hall. *Journal of The American Dietetic Association* 97(9):1048, 1997.
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26. **Matarese, LE.** Nutrition Support in The United States” Dainabot Co., LTD. Osaka, Japan. (Japanese and English) June 1997
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28. **Matarese, L.E.:** Book Review: Bacteria For Breakfast. Probiotics for Good Health. Dowhower Karpa, K. Trafford Publishing, *Nutrition In Clinical Practice* 19(5):535, 2004.
29. **Matarese LE.** Intermittent versus Continuous Infusion of Enteral Nutrition. IN: *Nutritional Therapy In The Critically Ill Patient*. Waitzberg DL (ed). Brazil 2004 (CD ROM)
30. **Matarese, LE.** Avoiding dehydration while you have an ileostomy. Pouch-O-Gram Spring 2005
31. **Matarese, L.E.:** Book Review: IGF and Nutrition in Health and Disease. Houston MS, Holly JMP, Feldman EL (eds), Humana Press, *Topics in Clinical Nutrition* 20 (1): 84-85, 2005.

ACCOMPLISHMENTS

1. Significant contributions to the field of nutrition support and dietetics on a national and international level.
2. Major role in the development of intestinal rehabilitation programs in both the private sector and the university settings.
3. Unsolicited invitation by Cumulative Index for inclusion of *Support Line* during my tenure as editor.

4. Significant legislative and public policy contributions including providing oral testimony at a United States Senate Hearing and having my work cited by the United States Supreme Court in a landmark nutrition case (Cruzan v. Missouri Department of Health, Supreme Court of the United States. June 25, 1990)
5. Co-editor, Contemporary Nutrition Support Practice, W.B. Saunders Company, 1998 (Nominated for the American Association of Publishers Award for Excellence in Scientific/Medical Publishing)
6. Development of 120-page instruction manual for patients in the Intestinal Rehabilitation and Transplantation Program
7. Development of nutrition standards for the Intestinal Rehabilitation and Transplantation Center.
8. Development of parenteral nutrition standards for safe compounding which were adopted throughout the UPMC health system.

PROFESSIONAL ACTIVITIES

I. TEACHING:

A. Courses and Tutorials:

1. Teaching clinical courses and lecturing to dietetic interns (10 per year) at the University of Cincinnati, Cincinnati, Ohio in the capacity of Adjunct Instructor during the period from 1980 to 1983.
2. Co-author for an educational grant - \$30,000 grant, from the Commission on Dietetic Registration, to develop an educational video, "Nutrition Focused Physical Assessment" The American Dietetic Association, Chicago, Illinois 1997
3. Co-author of an Internet-based CME for physicians: Seidner DL. and Matarese LE. Short Bowel Syndrome: Etiology, Pathophysiology and Management. Selected Topics in Gastroenterology. The Cleveland Clinic Foundation Center for Continuing Education. 2003.
4. Participation in the development of an educational CD-ROM: Matarese LE. Intermittent versus Continuous Infusion of Enteral Nutrition. IN: Nutritional Therapy In The Critically Ill Patient. Waitzberg DL (ed). Brazil 2004
6. Participated as faculty in the development of 6 educational videos on various topics of nutrition support for multidisciplinary audiences 2005.
7. Participated in the Discovery Channel documentary "Surgery Saved My Life – Six Organ Transplant", December 2006.

8. Participated as faculty in the development Clinician's Compendium to Nutrition Support Online Course, American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.), Intestinal Transplantation, 2006-2007
9. Guest Faculty, Advanced Clinical Nutrition 6601 (Upper and Lower GI Track and Transplantation), University of Medicine and Dentistry of New Jersey, Fall 2007-2011.
10. Developed and taught a Web-based course on Advanced Enteral and Parenteral Nutrition, University of Medicine and Dentistry of New Jersey, December 2008- May 2011.
11. Developed and taught a two-part Webinar on Short Bowel Syndrome, Spring 2009

B. Invited Lectures and Seminars:

1. "Nutritional Assessment" Regional Hyperalimentation Workshop, Cincinnati, Ohio. March 1980.
2. "Enteral Alimentation" Hyperalimentation Workshop, University of Cincinnati Hospital, Cincinnati, Ohio. March 1980.
3. "Sensible Assessment and Care Plans" Nutritional Support of the Critically Ill Patient, Veterans Administration Medical Center, Lexington, Kentucky. September 1980.
4. "The Role of the Clinical Dietitian on a Nutritional Support Team" Cincinnati Dietetic Association, Cincinnati, Ohio. October 1980.
5. "Nutritional Support of the Cancer Patient," Roundtable Panel, Ross Laboratories, Columbus, Ohio. November 1980.
6. "Enteral Alimentation" Department of Pharmacy, University of Cincinnati Hospitals, Cincinnati, Ohio. December 1980.
7. "Enteral Hyperalimentation" Nutritional Support for Critically ill Patients, Reid Memorial Hospital, Richmond, Indiana. February 1981.
8. "Vitamins and Trace Minerals in TPN" Clinical Application of Current Nutritional Research, Veterans Administration Medical Center, Salem Virginia. March 1981.
9. "Enteral Feedings - Practical Aspects" Postgraduate Course in Parenteral Nutrition, University of Cincinnati Hospitals and the Department of Surgery, Cincinnati, Ohio. May 1981.
10. "Enteral Alimentation" Hyperalimentation Nursing Workshop, University of Cincinnati Hospitals, Cincinnati Ohio. June 1981.
11. "Enteral Alimentation" Organon Inc. Regional Sales Meeting, Lexington, Kentucky. September 1981.
12. "Nutritional Support: Assessment and Therapy" Bethesda Hospital, Cincinnati, Ohio. September 1981.
13. "Enteral Alimentation" Greater Cincinnati Society of Hospital Pharmacists, Cincinnati, Ohio. October 1981.
14. "Alterations in Nutritional Status" Complications of Thermal Injury, Ohio Burn Team and the Ohio Hospital Association, Columbus, Ohio. October 1981.
15. "Enteral Alimentation for the Pharmacy Technician" Department of Pharmacy, University of Cincinnati Hospitals, Cincinnati, Ohio. November 1981.

16. "Sensible Nutritional Assessment" and "Enteral Alimentation" Hyperalimentation Nursing Workshop, University of Cincinnati Hospitals, Cincinnati, Ohio. November 1981.
17. "The Team Concept", "Enteral Alimentation", "Nutritional Assessment", "Nutrient Requirements of the Critically Ill" and "Parenteral Nutrition", Nutritional Support Seminar, Christ Hospital, Cincinnati, Ohio. February 1982.
18. "Nutritional Assessment of Hospitalized Patients" and "Enteral Alimentation", Concepts of Nutritional Support, University of Cincinnati Hospitals, Cincinnati, Ohio. February 1982.
19. "Enteral Alimentation" Ohio Dietetic Association, Cincinnati, Ohio. April 1982.
20. "Enteral Feedings - Practical Aspects" Postgraduate Course in Parenteral Nutrition, University of Cincinnati Hospitals and the Department of Surgery, Cincinnati, Ohio. June 1982.
21. "Enteral Alimentation for the Retail Pharmacist" The Hamilton County Pharmaceutical Association, Cincinnati, Ohio. June 1982.
22. "Enteral Alimentation for Chronic Care Institutions" Drake Memorial Hospital, Cincinnati, Ohio. September 1982.
23. "Nutritional Assessment" and "Enteral Alimentation" Concepts of Nutritional Support, University of Cincinnati Hospitals, Cincinnati, Ohio. October 1982.
24. "Determination of Nutritional Requirements", "Alternatives to I.V. Nutrition" and "Nutritional Support of Geriatric Patients" Nutritional Support Symposium, Inc., Des Moines, Iowa. October 1982.
25. "Relationship Between Nutrition and Parkinson's Disease and Huntington's Disease" The Greater Cincinnati Huntington's Disease and Parkinson's Disease Self Help Group, Veterans Administration Medical Center, Cincinnati, Ohio. October 1982.
26. "Enteral Alimentation and Equipment" Corpak Company, Indianapolis, Indiana. October 1982.
27. "Home Enteral/Parenteral Nutritional Support" Current Concepts In Nutritional Support, Indiana Central District Dietetic Association and Mead Johnson Nutritional Division, Indianapolis, Indiana. November 1982.
28. "Nutritional Assessment" and "Enteral Alimentation" Nutritional Support Symposium, Prestonsburg, Kentucky. November 1982.
29. "Enteral Alimentation" College of Pharmacy, University of Cincinnati Hospital, Cincinnati, Ohio. November 1982.
30. "Malnutrition In The Hospital - Assessing The Patient" and "Enteral Alimentation - Practical Aspects of Oral Supplements and Tube Feedings" Nutritional Support - A Multidisciplinary Approach, Bethesda Oak Hospital, Cincinnati, Ohio. November 1982.

31. "Nutritional Assessment" and "Enteral Alimentation" Nutritional Support Seminar, University of Cincinnati Hospital, Cincinnati, Ohio. February 1983.
32. "Community Nutrition" Home Aid Service, Cincinnati, Ohio. March 1983.
33. "Enteral Alimentation - Practical Aspects" Concepts of Nutritional Support, Dietetic Internship Seminar, University of Cincinnati, Cincinnati, Ohio. March 1983.
34. "Critical Evaluation of Enteral Formulas" Concepts of Nutritional Support, Dietetic Internship Seminar, University of Cincinnati, Cincinnati, Ohio. April 1983.
35. "Update on Nutritional Assessment and Requirements" and "Practical Aspects of Nutritional Support" New Dimensions in Nutritional Support, Portland, Oregon. April 1983.
36. "Nutritional Assessment, Requirements and Planning for the Cancer Patient" Nutrition and the Cancer Patient, The American Cancer Society and Eastern Kentucky University, Richmond, Kentucky. April 1983.
37. "Enteral Equipment" Concepts of Nutritional Support, Dietetic Internship Seminar, University of Cincinnati, Cincinnati, Ohio. April 1983.
38. "Enteral Feedings" Department of Dietetics, The Cleveland Clinic Foundation, Cleveland, Ohio. May 1983.
39. "Enteral Alimentation" Surgical Grand Rounds, The Cleveland Clinic Foundation, Cleveland, Ohio. May 1983.
40. "Enteral Feedings" Postgraduate Course in Parenteral Nutrition, University of Cincinnati Hospitals and the Department of Surgery, Cincinnati, Ohio. June 1983.
41. "Nutritional Assessment" Department of Nursing Education, The Cleveland Clinic Foundation, Cleveland, Ohio. August 1983.
42. "Nutritional Support of the Acute Burn Patient" The Team Approach to Acute Burn Management, University of Cincinnati Department of Surgery and Shriners Burns Institute, Cincinnati, Ohio. September 1983.
43. "Nutritional Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. November 1983.
44. "Enteral Feedings - Practical Aspects" Western New York Hospital Association, Williamsville, New York. December 1983.
45. "Enteral Alimentation" Central Ohio Nutritional Support Dietitians, Columbus, Ohio. May 1984.

46. "Nutritional Assessment" and "Enteral Alimentation" Huron Road Hospital, Cleveland, Ohio. May 1984.
47. "Special Nutritional Problems of the Aged Patient" 1984 Upper Midwest Osteopathic Health Conference, Des Moines, Iowa. May, 1984.
48. "Nutritional Assessment and Management of the Cancer Patient" Oncology Nursing: Helping You Meet the Challenge, The Cleveland Clinic Cancer Center. Cleveland, Ohio. August 1984.
49. "Nutritional Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1984.
50. "Nutritional Assessment and Therapy for the Oncology Patient", Oncology Nurses Association, Cleveland Chapter. September 1984.
51. "Home Enteral Nutrition", Home Care for the 80's, Cleveland Clinic Foundation, Cleveland, Ohio. September 1984.
52. "Nutritional Assessment of Hospitalized Patients" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1985.
53. "The Mechanics and Clinical Value of Nutritional Assessment in Patients with Inflammatory Bowel Disease" National Foundation for Ileitis & Colitis, Cleveland, Ohio. September 1985.
54. "Nutritional Assessment of the Oncology Patient" Oncology Nursing: Helping you Meet the Challenge, The Cleveland Clinic Cancer Center, Cleveland, Ohio. October 1985.
55. "Nutritional Assessment of the Elderly Patient" Iowa Society for Parenteral and Enteral Nutrition, Des Moines, Iowa. November 1985.
56. "Nutritional Support of the Oncology Patient" Controversies in the Surgical Management of Cancer, Cleveland Clinic Foundation, Cleveland, Ohio. January 1986.
57. "Nutritional Assessment of the Oncology Patient" Kent State University and The American Cancer Society, Ashtabula, Ohio. February 1986.
58. "Enteral Feeding in the Cancer Patient" Nutrition Support of the Cancer Patient, Course Co-Director, Cleveland Clinic Foundation, Cleveland, Ohio. April 1986.
59. "Surgical Nutrition" University of Akron, Akron, Ohio. April 1986.
60. "Principles of Parenteral Nutrition" University of Akron, Akron, Ohio. July 1986.
61. "Interpretation of Laboratory Values" and "Physical Assessment" Contemporary Issues in Nutritional Support, Portland, Oregon. September 1986.

62. "Nutritional Assessment of Hospitalized Patients" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1986.
63. "Surgical Nutrition" Department of Cardio-Thoracic Surgery, Cleveland Clinic Foundation, Cleveland, Ohio. September 1986.
64. "Enteral Formulas" Corpak/Thermedics National Sales Meeting, Highwood, Illinois. October 1986.
65. "Nutrition and Cancer" I Can Cope Program, Cleveland Clinic Cancer Center, Cleveland, Ohio. October 1986.
66. "Eating Disorders" Roundtable Moderator, American Society for Parenteral and Enteral Nutrition, 11th Clinical Congress, New Orleans, Louisiana. February 1987.
67. "Nutrition and Cancer" I Can Cope Program, Cleveland Clinic Cancer Center, Cleveland, Ohio. March 1987.
68. "Nutritional Assessment of the Home Patient" High-Tech Home Care, Cleveland Clinic Foundation, Cleveland, Ohio. April 1987.
69. "Nutritional Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. August 1987.
70. "Nutritional Assessment" and "Home Enteral Nutrition" Cost Effective Nutritional Support, St. Joseph Medical Center, Wichita, Kansas. October 1987.
71. "Nutrition and Cancer" I Can Cope Program, Cleveland Clinic Cancer Center, Cleveland, Ohio. November 1987.
72. "TPN and Pregnancy" Roundtable Moderator, American Society for Parenteral and Enteral Nutrition, 12th Clinical Congress, Las Vegas, Nevada. January 1988.
73. "Nutritional Assessment of Hospitalized Patients" Montana Dietetic Association, Missoula, Montana. March 1988.
74. "Nutritional Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. August 1988.
75. "Home Enteral Nutrition" High-Tech Home Care, Cleveland Clinic Foundation, Cleveland, Ohio. October 1988.
76. "Nutrition Support in Renal Failure" American Society for Parenteral and Enteral Nutrition, 13th Clinical Congress, Miami Beach, Florida. February 1989.

77. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Houston, Texas. March 1989.
78. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, St. Louis, Missouri. March 1989.
79. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Seattle, Washington. April 1989.
80. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, New York, New York. May 1989.
81. "Home Parenteral Nutrition" and "Home Enteral Nutrition" Hi-tech Home Care: State of the Art. Cleveland Clinic Foundation, Cleveland, Ohio. August 1989.
82. "Nutritional Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1989.
83. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Kansas City, Missouri. September 1989.
84. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Memphis, Tennessee. September 1989.
85. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Atlanta, Georgia. September 1989.
86. "Indirect Calorimetry" Department of Respiratory Therapy. Cleveland Clinic Foundation, Cleveland, Ohio. September 1989.
87. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Cincinnati, Ohio. October 1989.
88. "Indirect Calorimetry" Surgical Intensive Care. Cleveland Clinic Foundation, Cleveland, Ohio. November 1989.
89. "Enteral Nutrition In Renal Failure" American Society For Parenteral and Enteral Nutrition, 14th Clinical Congress, San Antonio, Texas. January 1990.
90. "Enteral Feeding Devices" and "Anthropometry" American Society For Parenteral and Enteral Nutrition, 14th Clinical Congress, San Antonio, Texas. January 1990.
91. "Nutritional Assessment of Hospitalized Patients" Department of Physical Therapy, Cleveland Clinic Foundation, Cleveland, Ohio. February 1990.

92. "Practical Decision-Making in Nutrition Support-A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Tampa, Florida. March 1990.
93. "Nutritional Assessment-A Systematic Approach" and "Enteral Product Classification and Selection" Nutrition Update 1990, South Carolina Society of Hospital Pharmacists, Columbia, South Carolina. March 1990.
94. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Irvine, California. April 1990.
95. "Nutrition in Organ Failure" Medical Grand Rounds, Aultman Hospital, Canton, Ohio. May 1990.
96. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Indianapolis, Indiana. May 1990.
97. "Indirect Calorimetry" Cleveland Clinic Foundation, Cleveland, Ohio. July 1990.
98. "The Meaning of Nutritional Assessment and Basic Nutritional Requirements" Departments of General and Vascular Surgery, Cleveland Clinic Foundation, Cleveland, Ohio. August 1990.
99. "Nutritional Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1990.
100. "Nutritional Assessment and Decision-Making for the Critically Ill Patient" Nutritional Support In Critical Care. Meridia Huron Hospital, Cleveland, Ohio. September 1990.
101. "Practical Decision-Making in Nutrition Support - A Systematic Approach" Quality Nutrition Therapy on a Shrinking Budget, Alexandria, Virginia. October 1990.
102. "The Cruzan Case: Ethical and Legal Implications for Practice" (Panel) Medical Grand Rounds, Cleveland Clinic Foundation, Cleveland, Ohio. October 1990.
103. "Computer-Assisted Nutritional Assessment" Lehigh Valley Dietetic Association, Allentown, Pennsylvania. December 1990.
104. "Computer Technology for Nutrition Support Teams" American Society for Parenteral and Enteral Nutrition, San Francisco, California. January 1991.
105. "Practical Aspects of Tube Feeding" Nutrition, Immobility and Tissue Integrity in the Acutely Ill. American Association of Critical Nurses, Saginaw, Michigan. February 1991.
106. "Successful Tube Feeding - Equipment and Formulas" Nutrition Support: Beyond the Basics. The Dallas Dietetic Association, Dallas, Texas. March 1991.
107. "Nutritional Assessment and Decision Making for the Critically Ill" Critical Care Nursing, Cleveland Clinic Foundation, Cleveland, Ohio. March 1991.

108. "Ethical and Legal Implications of the Cruzan Case: Panel Discussion" Dimensions in Cardiac Critical Care Nursing Symposium, Cleveland Clinic Foundation, Cleveland, Ohio. April 1991.
109. "Critical Evaluation of Enteral Formulas" and "Enteral Feeding Devices" Recent Advances In Enteral Nutrition, Course Co-Director, Cleveland Clinic Foundation, Cleveland, Ohio. April 1991.
110. "Home Enteral Nutrition" Dietitians: Decade of Decisions, Texas Dietetic Association Annual Meeting, Houston, Texas. April 1991.
111. "Critical Evaluation of Enteral Formulas" Riverside Methodist Hospital, Columbus, Ohio. May 1991.
112. "Enteral Feeding Equipment: Advances, Products, and Techniques." Bridging The Gap - The Business of Clinical Nutrition Services in the '90s. Marriott Corporation, Ramulus, Michigan. May 1991.
113. "Nutritional Support in the Critically Ill Patient" Neurosurgical and Neurological Intensive Care Update And Review, Cleveland Clinic Foundation, Cleveland, Ohio. May 1991.
114. "What's New In Home Enteral Nutrition?" The Oley Foundation for Home Parenteral and Enteral Nutrition The Annual Consumer Conference, Saratoga Springs, New York. July 1991.
115. "Nutrition Support For The Critically Ill" Medical Intensive Care, Cleveland Clinic Foundation, Cleveland, Ohio. July 1991.
116. "Enteral Nutrition: Indications, Management and Complications," CNSD Examination Review Course, Indianapolis, Indiana. August 1991.
117. "Nutritional Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1991.
118. "Clinical Nutrition" R.D. Review Course, Notre Dame College, Cleveland, Ohio. September 1991.
119. "New Enteral Products" and "Home Enteral Nutrition" Florida Society for Parenteral and Enteral Nutrition, Gainesville, Florida. September 1991.
120. "Equipment: Current and New Technologies." The American Dietetic Association, 74th Annual Meeting, Dallas, Texas. October 1991.
121. "Nutritional Assessment and Enteral Feeding In The Hospitalized Patient." Western New York Society of Hospital Pharmacists, Buffalo, New York. October 1991.
122. "Parenteral Nutrition Support and Transition to Home" American Society For Parenteral and Enteral Nutrition, 16th Clinical Congress, Orlando, Florida. January 1992.

123. "Validation of the Standards of Practice For The Nutrition Support Dietitian" American Society For Parenteral Nutrition, 16th Clinical Congress, Orlando, Florida. January 1992.
124. "Home PEN: Recent Advances and Coming Attractions" Oley Foundation Consumer Forum, American Society For Parenteral and Enteral Nutrition, 16th Clinical Congress, Orlando, Florida. January 1992.
125. "Nutrition Assessment and Decision Making For the Critically Ill" Critical Care Nutrition Assessment and Treatment, Lake Area Health Education Center, Erie, Pennsylvania. April 1992.
126. "Nutrition Assessment and Decision Making For The Critically Ill" Stark County Dietetic Association, Massillon, Ohio. May 1992.
127. "Tu Be or Not Tu Be" (Breakout Session Leader) 7th Annual Oley Foundation Consumer/Clinician Conference, Cleveland, Ohio. July 1992.
128. "Nutritional Assessment-Initial and Follow Up Monitoring" (Roundtable) Hi-Tech Home Care: State of the Art, Cleveland Clinic Home Care Services, Cleveland, Ohio. August 1992.
129. "Enteral Nutrition In Critical Care" Nutritional Support in the Critically Ill Patient, Indiana and Ohio Societies for Parenteral and Enteral Nutrition, Indianapolis, Indiana. August 1992.
130. "Nutritional Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. August 1992.
131. "Enteral Nutrition: Indications, Formula Selection and Administration in the ICU" and "Transition From ICU to Home" Nutritional Support in the Critical Care Patient. Twelfth Annual Seminar, Florida Society For Parenteral and Enteral Nutrition, Daytona Beach, Florida. September 1992.
132. "Nutrition Support: Assessing the Patient" Clinical Forum 1992 Marriott Corporation, Pittsburgh, Pennsylvania. September 1992.
133. "The Rationale and Efficacy of Current Specialized Enteral Products" The American Dietetic Association, 75th Annual Meeting, Washington, DC. October 1992.
134. "Parenteral Nutrition - Hospital and Home" American Society for Parenteral and Enteral Nutrition, 17th Clinical Congress, San Diego, California. February 1993.
135. "Publish or Perish - How to Get Into Print" American Society for Parenteral and Enteral Nutrition, 17th Clinical Congress, San Diego, California. February 1993.
136. "NCP Forum: Clinical Rounds with Nutrition Support Services" American Society for Parenteral and Enteral Nutrition, 17th Clinical Congress, San Diego, California. February 1993.

137. "Case In Point ... Home Nutrition Therapy In The 90's" Bromenn Healthcare Medical Education, Bloomington, Illinois. March 1993.
138. "Specialized Enteral Formulas" Nutritional Pharmacology, Cleveland Clinic Foundation, Cleveland, Ohio. April 1993.
139. "Interpreting Laboratory Values" Annual Nutrition Update, The Mahoning Valley Dietetic Association, Youngstown, Ohio. May 1993.
140. "Rationale and Efficacy of Specialized Nutrition Products" and "Enteral Nutrition in a Patient with Diabetic Gastroparesis" Nutrition Management of Transplantation and Critical Care, ASPEN Spring Course, Pittsburgh, Pennsylvania. May 1993.
141. "Nutrition Assessment of the Geriatric Patient" Nutrition Screening 2 National Conference, Washington, D.C. May 1993.
142. "Nutrition Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. August 1993.
143. "Enteral Formulas: Fact or Fallacy" and "The Use of Specialized Enteral Formulas" Nutrition Potpourri, MSPEN Annual Symposium, Baltimore, Maryland. September 1993.
144. "New Research in Enteral Nutrition Support" Metabolic Nutrition Care Symposium, University of Medicine and Dentistry of New Jersey, Newark, New Jersey. October 1993.
145. "Case Management: The Enteral Solution for Keeping Patients Out of the Hospital" and "Nutrition Screening Initiative for the Elderly." Alternate Site Care: State of the Art 1993. Cleveland Clinic Foundation Health Care Ventures, Inc., Cleveland, Ohio. November 1993.
146. "Evaluating Specialized Enteral Products" Issues in Nutritional Support for the 1990's. North Texas Society for Parenteral and Enteral Nutrition 2nd Annual Seminar, Arlington, Texas. December 1993.
147. "Enteral Feeding Devices" Nutrition Seminar Series. Cleveland Clinic Foundation, Cleveland, Ohio. December 1993.
148. "Getting Started in Publishing", "Renal Failure" (moderator) and "Dietitian Credentialing" American Society for Parenteral and Enteral Nutrition, 18th Clinical Congress, San Antonio, Texas. January 1994.
149. "Critical Evaluation of Specialty Enteral Products" (visiting professor) Nutritional Sciences Seminar, Medical College of Virginia, Richmond, Virginia. April 1994.
150. "Nutrition Assessment, Techniques and Tools", "Principles of Enteral and Parenteral Nutrition", "Rationale for Nutrition Support, Disease Specific Solutions", "Nutrition Support Case Studies" and "Preparation and Techniques for Credentialing Exams." Nutrition Support: Rationale and

- Technique, John L. McClellan Memorial Veterans Medical Center, North Little Rock, Arkansas. June 1994.
151. "Nutrition Screening Initiative" Nutrition Services In service Program, Cleveland Clinic Foundation, Cleveland, Ohio. July 1994.
 152. "Nutrition Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1994.
 153. "Critical Care Nutrition" Detroit Dietetic Association, Madonna University, Levona, Michigan. October 1994.
 154. "How To Read The Literature" and "Dietitian Credentialing" American Society for Parenteral and Enteral Nutrition, 19th Clinical Congress, Miami Beach, Florida. January 1995.
 155. "Nutrition Assessment of Hospitalized Patients" Greater Akron Dietetic Association, Akron, Ohio. January 1995.
 156. "Specialized Enteral Formulas" Department of Gastroenterology. Cleveland Clinic Foundation, Cleveland, Ohio. January 1995.
 157. "New Fuels For Nutrition Support" MOST Dietetic Association, Madison Heights, Michigan. February 1995.
 158. "Specialized Enteral Nutrition" Kentucky Dietetic Association, Louisville, Kentucky. April 1995.
 159. "The Latest Developments in Enteral Nutrition Support and Formulas" and "Nutrition and Immune Function" Washington State Dietetic Association. Spokane, Washington. May 1995.
 160. "Therapy Considerations for the Enteral Patient" Nutrition Therapy 1995...Providing a Continuum of Care. New York, New York. May 1995.
 161. "Therapy Considerations for the Enteral Patient" Nutrition Therapy 1995...Providing a Continuum of Care. Irvine, California. June 1995.
 162. "Therapy Considerations for the Enteral Patient" Nutrition Therapy 1995...Providing a Continuum of Care. Dallas, Texas. September 1995.
 163. "Nutrition Assessment of Hospitalized Patients" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1995.
 164. "Therapy Considerations for the Enteral Patient" Nutrition Therapy 1995...Providing a Continuum of Care. Baltimore, Maryland. September 1995.

165. "Tube Feeding Administration" Cleveland Clinic Foundation. Cleveland, Ohio. September 1995.
166. "Therapy Considerations for the Enteral Patient" Nutrition Therapy 1995...Providing a Continuum of Care. Chicago, Illinois. October 1995.
167. "How to Promote or Market Your Nutritional Expertise" (Panel) The Fourth Annual Meeting of Master Clinical Dietitians. Arlington, Virginia. January 1996.
168. "Enteral Nutrition Overview" American Society for Parenteral and Enteral Nutrition, 20th Clinical Congress, Washington, DC. January 1996.
169. "Nutrition Assessment: Use of Non-Traditional Techniques" Cleveland Clinic Foundation, Cleveland, Ohio February 1996.
170. "Nutrition Assessment of Hospitalized Patients" and "Therapy Considerations for the Enteral Patient" Centers For Osteopathic Regional Education, Ohio University College of Osteopathic Medicine, Columbus, Ohio May 1996.
171. "Nutrition and the Elderly: Savings for Medicare" (panel) United States Senate Special Committee on Aging, Washington, DC. June 20, 1996.
172. "Nutrition Support - Hospital To Home" Advances In Medical Nutrition Therapy, The Philadelphia Dietetic Association and Dietitians In Nutrition Support, Philadelphia, Pennsylvania. September 1996.
173. "Parenteral Nutrition", "Changing Roles of the Registered Dietitian", "Special Considerations for TPN", "Nutrition Support Case Studies" Fayetteville Veterans Administration Medical Center, Fayetteville, Arkansas. September 1996.
174. "Nutrition Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1996
175. "Advanced Enteral Feeding Techniques" Skills Development Workshop for Dietetics Professionals: Preparing for the Future. Dietitians In Nutrition Support, Consultant Dietitians In Health Care Facilities and The Connecticut Dietetic Association. Rocky Hill, Connecticut. October 1996.
176. "Advanced Enteral Feeding Techniques" Sherwood Davis & Geck Regional Training Seminar. Chantilly, Virginia. October 1996.
177. "Advanced Enteral Feeding Techniques" Sherwood Davis & Geck Regional Training Seminar. San Jose, California. November 1996.
178. "Changing Roles of Dietitians In Health Care" The University of Texas Health Science Center Telecommunication Services (Teleconference) November 1996.

179. "Positioning of The Dietitian In Nutrition Support" (Panel) The Fifth Annual Meeting of Master Clinical Dietitians. Berkeley, California. January 1997.
180. "Renal Failure" American Society for Parenteral and Enteral Nutrition, 21st Clinical Congress, San Francisco, California. January 1997.
181. "Acute Renal Failure" (Roundtable) American Society for Parenteral and Enteral Nutrition, 21st Clinical Congress, San Francisco, California. January 1997.
182. "Computer Assisted Dietetics: Setting Up A Nutrition Data Base" Clinical Nutrition Management Dietetic Practice Group 13th Annual Symposium. Santa Fe, New Mexico. April 1997.
183. "Introduction To Multi-Skilling" and "Expanding Skills To Secure The Future" Tennessee Dietetic Association, Knoxville, Tennessee. April 1997.
184. "Nutrition Assessment", "Enteral Nutrition" and "Parenteral Nutrition" Toledo Dietetic Association, Toledo, Ohio. April 1997.
185. "Enteral Feeding Devices", "Rationale and Efficacy of Specialized Enteral Formulas", and "Making Yourself Indispensable: New Career Opportunities For Dietitians" Montana Dietetic Association, Kalispell, Montana. May 1997
186. "Nutrition Support In The United States" International Medical Center, Tokyo, Japan; Sapporo Jichi Kaikan, Sapporo, Japan; Osaka Riverside Hotel, Osaka, Japan; and Kawasaki Medical University, Okayama, Japan. June 1997.
187. "Enteral Feeding Devices", "Rationale and Efficacy of Specialized Enteral Formulas", and "Making Yourself Indispensable: New Career Opportunities For Dietitians" Montana Dietetic Association, Kalispell, Montana. May 1997
188. "TPN Order Writing" DNS Skills Development Workshop for Dietetics Professionals: Preparing for the Future, Dallas, Texas. June 1997.
189. "Expanding Roles of Dietitians in Professional Practice" Coordinated Master's Degree Program Preceptor Conference, Case Western Reserve University, Cleveland, Ohio. June 1997.
190. "Nutrition Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. September 1997.
191. "A Critical Analysis of Specialized Enteral Nutrition Products" Contemporary Topics in Nutrition, The Seventh Annual Nutrition Symposium, Rhode Island Hospital, Providence, Rhode Island. September 1997.
192. "Expanding Role of Dietitians in the Profession and its Impact on Practitioner Education" Ohio Dietetic Educators of Practitioners Annual Meeting, Columbus, Ohio. October 1997.

193. "TPN Order Writing" Expanding Skills In Nutrition Support. Dietitians In Nutrition Support. The American Dietetic Association. Orlando, Florida. January 1998.
194. "Enteral Nutrition" American Society for Parenteral and Enteral Nutrition, 22nd Clinical Congress, Orlando, Florida. January 1998.
195. "Electrolyte Changes During Foscarnet Administration" (Case Study). The Cleveland Clinic Foundation, Cleveland, Ohio. February 1998.
196. "Enteral Nutrition and Reimbursement Issues in Alternate Sites" Current Issues In Clinical Nutrition, Michigan Society For Parenteral and Enteral Nutrition, Royal Oak, Michigan. April 1998.
197. "Management of the Nutrition Support Patient" Portage Health System, Hancock, Michigan. June 1998.
198. "Nutrition Assessment and Expanding Roles of Dietitians" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio. August 1998.
199. "Physical Assessment Workshop" (Moderator) The American Dietetic Association 81st Annual Meeting, Kansas City, Missouri, October 1998.
200. "Nutrition Assessment and Estimation of Requirements", "Enteral Feeding" and "Ethical Issues and Management of Complications" Centers For Osteopathic Regional Education, Ohio University College of Osteopathic Medicine, Columbus, Ohio. November 1998.
201. "Enteral Nutrition", "Advanced Skills in Nutrition Support (TPN Order Writing)" and "Foscarnet-Induced Electrolyte Abnormalities in a Bone Marrow Transplant Patient Receiving Parenteral Nutrition" American Society for Parenteral and Enteral Nutrition, 23rd Clinical Congress, San Diego, California. January 1999.
202. "Nutrition Management Issues in the Elderly" 2nd Annual Geriatric Continuum, Scottsdale, Arizona. February 1999.
203. "Nutrition Support of the Surgical Patient" Surgical Grand Rounds, Fairview General Hospital, Cleveland, Ohio March 1999.
204. "Nutrition" General Surgery Residency Program, The Cleveland Clinic Foundation, Cleveland, Ohio July 1999.
205. "Nutrition Assessment" The Cleveland Clinic Foundation, Cleveland, Ohio August 1999.

206. "Nutrition Assessment and Expanding Roles of Dietitians" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio August, 1999.
207. "Parenteral Nutrition: Fluid and Electrolytes" Novartis Nutrition/Sodexo Marriott Services, Acute Care Symposia (Video Conference), Providence, Rhode Island, October 1999.
208. "The ABC's of Parenteral Nutrition in Long Term Care" Novartis Nutrition/Sodexo Marriott Services, Long Term Care Symposia (Video Conference), Providence, Rhode Island, October 1999.
209. "Refeeding Syndrome" Med Central Health System, Mansfield, Ohio March 2000.
210. "Writing the TPN Prescription" West Virginia Dietetic Association Meeting, Morgantown, West Virginia. April 2000.
211. "Medical Nutrition Therapy for Pancreatitis" Florida Dietetic Association Meeting, Boca Raton, Florida. July 2000.
212. "Nutrition Assessment and Expanding Roles of Dietitians" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio September 2000.
213. "Fluid and Electrolytes" Nutrition Support Principles: Sharpening Your Skills, Food and Nutrition Conference and Exhibition, The American Dietetic Association, Denver, Colorado, October 2000.
214. "Nutrition Management of The Adult With Liver Disease: Current Concepts and New Horizons" Innovations in Organ Specific Nutrition Support, NY/LISPEN Annual Fall Conference, Old Brookville, New York, November 2000.
215. "Enteral Nutrition", "Complex Management of Fluid & Electrolytes: Complications Following Ileal-Jejunal Bypass for Morbid Obesity", "Estimating Energy Expenditure: An Overview of Methods", "Metabolic Bone Disease" The American Society for Parenteral and Enteral Nutrition, 25th Clinical Congress, Chicago, Illinois. January 2001.
216. "Acute Renal Failure in the ICU: Nutrition Support Interventions" Clinical Nephrology Meetings, The National Kidney Foundation, Orlando, Florida April 2001.
217. "Medical Nutrition Therapy for Pancreatitis" Carle Foundation Hospital, Nutrition Symposium, Urbana, Illinois May 2001.
218. "Medical Nutrition Therapy for the Metabolically Stressed Patient" Wood Dining Nutrition Association Symposium, Wilmington, Delaware May 2001.

219. "Nutrition Assessment and Expanding Roles of Dietitians" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio September 2001
220. "Nutrition Support in Liver Disease" Western Canada Nutrition Day, University of Alberta, Edmonton, Alberta October 2001 Enteral Nutrition" and "Indirect Calorimetry" First Annual Nutrition Week. San Diego, California February 2002
221. "The High Risk Acute Kidney Failure Patient: Nutrition Management of the Critically Ill" and "The Nuts and Bolts of Nutrition Support" National Kidney Foundation Clinical Nephrology Meetings. Chicago, Illinois April 2002.
222. "Nutrition Assessment and Expanding Roles of Dietitians" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio September 2002
223. "Parenteral Nutrition" and "Intestinal Failure and Rehabilitation" Northwest Arkansas District Dietetic Association, Fayetteville, Arkansas, September 2002
224. "Greasing the Wheels: Preparation for Going Home on Enteral Nutrition" and "Enteral Nutrition" Second Annual Nutrition Week, San Antonio, Texas January 2003
225. "The Role of Probiotics in Gastrointestinal Malabsorption" Pittsburgh Dietetic Association, Pittsburgh, Pennsylvania February 2003
226. "The Role of Probiotics in Gastrointestinal Malabsorption" Contemporary Topics In Nutrition, Rhode Island Hospital, Providence, Rhode Island March 2003
227. "Nutrition Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio September 2003
228. "Nutrition Assessment" Coordinated Dietetic Internship/Master's Degree Program, Case Western Reserve University, Cleveland, Ohio August 2004
229. "The Essentials for Effective Enteral Nutrition: Making the Best of a Good Thing", "Mechanisms and Dietary Management of Short Bowel Syndrome" and "Specific Issues Surrounding the Use of Probiotics" Fourth Annual Clinical Nutrition Week, Orlando, Florida, January 2005
230. "Optimizing Treatment of Short Bowel Syndrome: The Role of Zorbitive" St Joseph Mercy Health System, Ann Arbor, Michigan, March 2005
231. "The Role of The Dietitian in Providing Artificial Nutrition" 17° Congresso Nazionale Andid, Verona, Italy April 2005
232. "Optimizing Treatment of Short Bowel Syndrome: The Role of Zorbitive" University of California at Los Angeles (UCLA), Los Angeles, California, April 2005

233. “Prebiotics and Probiotics: Clinical Applications” Improving Outcomes: Sharpening Nutrition Skills for Better Patient Care. The MetroHealth System, Cleveland, Ohio, May 2005
234. “Optimizing Treatment of Short Bowel Syndrome: The Role of Zorbtive” Chicago, Illinois, May 2005
235. “Optimizing Treatment of Short Bowel Syndrome: The Role of Zorbtive” Dallas, Texas June 2005
236. “Intestinal Failure Centers: Who, What, When, Where?” and “The Impact of Diet in Treating Intestinal Failure” The 20th Annual Oley Foundation Consumer Clinician Conference, Saratoga Springs, New York, June 2005
237. “Closing the gap between research and clinical practice” Setting New Standards – Using Systematic Reviews and Health Economics, 27th European Society for Parenteral and Enteral Nutrition Congress, Brussels, Belgium August 2005
238. “Optimizing Treatment of Short Bowel Syndrome: The Role of Zorbtive” Baylor University, Dallas, Texas October 2005
239. “The Evolving Role of the Dietitian in Providing Parenteral Nutrition” 10th FELANPE Congress, Montevideo, Uruguay November 2005
240. “Clinical Experience With 3-in-1 Parenteral Nutrition” IPANEMA Course, 10th FELANPE Congress, Montevideo, Uruguay November 2005
241. “Healthy Eating During Transplant” IRTC patient conference, Wyndham Garden Hotel, Pittsburgh, Pennsylvania November 2005
242. “Probiotics in Critical Illness” Society of Critical Care Medicine, 35th Critical Care Congress, San Francisco, California January 2006
243. “Nutrition in PSC and IBC” Partners Seeking a Cure (PSC) 2006 Conference, Pittsburgh, Pennsylvania April 2006
244. “Healthy Eating During Transplant and Other Hot Nutrition Topics” Post-transplant Educational Seminar, Thomas E. Starzl Transplantation Institute, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania April 2006
245. “Cold Pizza For Breakfast? Avoiding Foodborne Illnesses” Post-transplant Educational Seminar, Thomas E. Starzl Transplantation Institute, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania August 2006
246. “Selecting Appropriate Nutrition Formulations”, Ohu University, Koriyama, Japan November 2006

247. “Weight Management Following Transplantation” Post-transplant Educational Seminar, Thomas E. Starzl Transplantation Institute, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania December 2006
248. “What Should We Do For Patients With Intestinal Failure?” GI Grand Rounds, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania March 2007
249. “Metabolic Bone Disease” XIII Congreso Argentino V Del Cono Sur De Soporte Nutricional Y Metabolismo, I Congreso Argentino De Soporte Nutricional Y Metabolismo En Pediatria, Buenos Aires, Argentina May 2007
250. “Transcending TRANS Fats and Other Lipids for Transplant Patients” International Transplant Nurses Society 6th Annual Symposium, Pittsburgh, Pennsylvania June 2007
251. “Nutritional Aspects of Autoimmune Liver Disease” Living Well With Liver Disease: A Focus on Autoimmune Diseases, American Liver Foundation, Pittsburgh, Pennsylvania October 2007
252. “Writing the Parenteral Nutrition Prescription” Intestinal Rehabilitation and Transplantation Fellows, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania December 2007
253. “Customizing Your Tube Feeding Experience” The Oley Foundation Regional Meeting, Chicago, Illinois, February 2008
254. “Short Bowel Syndrome: Nutrition and Medical Management” American Society for Parenteral and Enteral Nutrition, Teleconference June 2008
255. “Dietary and Medical Management of Short Bowel Syndrome” The 23rd Annual Consumer/Clinician Oley Foundation Conference, San Diego, California June 2008
256. “Writing the Parenteral Nutrition Prescription” Intestinal Rehabilitation and Transplantation Fellows, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania July 2008
257. “Transitioning to Adult Care for the Patients with Short Bowel Syndrome” 5th International Pediatric Intestinal Failure and Rehabilitation Symposium, Pittsburgh, Pennsylvania September 2008
258. “Fatty Liver Disease: Diet Does Matter” Living Well with Liver Disease: A Focus on Fatty Liver Disease, American Liver Foundation, Western Pennsylvania-West Virginia Chapter, November 2008
259. “State of the Art Treatment Options for Short Bowel Syndrome” MetroHealth Medical Center, Cleveland, Ohio November 2008
260. “Nutrition in Transplantation: Assessment, Requirements and Feeding Route” Midlevel Practitioners in Transplantation Continuing Education Conference, Thomas E. Starzl Transplantation Institute, University of Pittsburgh School of Medicine, April 2009

261. "If, When, and How to Transition from HPN to HEN", "Food Shopping to Optimize Outcome, "Preparing food to Optimize Outcome". The Oley Foundation for Home Parenteral and Enteral Nutrition Annual Consumer Conference, St. Petersburg, Florida. July 2009
262. "Writing the Parenteral Nutrition Prescription" University of Pittsburgh, Pittsburgh, Pennsylvania, September 2009
263. "Update on Parenteral Nutrition", "Short Bowel Syndrome, Intestinal Failure and Transplant: Nutrition Therapy and Outcomes", "Update on the CNSC Exam". III Jornadas De Soporte Nutricional Hospital Britanico, Buenos Aires, Argentina October 2009
264. "Nutrition, Transplantation and You" Transplant Recipients International Organization (TRIO), University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania February 2010
265. "Writing The Parenteral Nutrition Prescription: Electrolytes" Coordinated Masters in Dietetics Program, University of Pittsburgh, Pittsburgh, Pennsylvania. March 2010
266. "What to Expect from Intestinal Failure Centers" and "Fatty Liver Disease: Diet Does Matter" The 25th Annual Oley Foundation Consumer Clinician Conference, Saratoga Springs, New York, June 2010
267. "Parenteral Glutamine: Fact or Fiction?" A Novel Approach to Parenteral Nutrition! 20th Annual Fall Nutrition Symposium. The Ohio Society for Parenteral and Enteral Nutrition. St. Elizabeth Health Center, Youngstown, Ohio November 2010
268. "Nutritional Risk Factors Associated with Gastrointestinal Cancer" XII Congreso Internacional Avances en Medicina, Hospital Civil De Guadalajara, Mexico February 2011
269. "Timing of Referral to Intestinal Failure Center" 26th Annual Oley Foundation Consumer Clinical Conference, Bloomington, Minnesota, July 2011
270. "The Use of Functional Foods and Super Foods in IBD" ADA Food and Nutrition Conference and Expo, San Diego, California, September 2011

C. Continuing Medical Education Course Director:

1. Nutrition Support of the Cancer Patient, Cleveland Clinic Foundation, April 1986
2. Meeting Caloric Needs In Nutrition Support, Cleveland Clinic Foundation, March 1990
3. Recent Advances In Enteral Nutrition, Cleveland Clinic Foundation, April 1991
4. Nutritional Pharmacology, Cleveland Clinic Foundation, April 1993
5. Dietitian Review Course, American Society for Parenteral and Enteral Nutrition, January 1995

6. Nutritional Pharmacology, 78th Annual Meeting of The American Dietetic Association
October 1995
7. Teleconference Host-Site Coordinator, American Society for Parenteral and Enteral Nutrition
1999, 2001

D. Supervision of Undergraduate/Postgraduate Nutrition Students, Medical Students, Fellows, and House Staff Physicians:

1. **1980-1983: University of Cincinnati, Cincinnati, Ohio**
 - a) Coordinate, direct and evaluate the clinical and educational activities of dietetic interns. Developed graduate level course in Nutrition Support. Clinical teaching during daily (4-5 hours) clinical rounds plus didactic training.
 - b) Assisted with the education and supervision of medical students, interns and fellows rotating through the nutrition support service. Clinical teaching during daily (2-3 hours) clinical rounds plus didactic training.
2. **1983-2004: Department of Nutrition, School of Medicine, Case Western Reserve University, Cleveland, Ohio**
 - a) Annual lecturer on nutrition assessment and nutrition support to graduate students.
3. **1983-2004: Cleveland Clinic Foundation, Cleveland, Ohio**
 - a) Assisted with the education and supervision of medical students, interns and fellows rotating through the nutrition support service. Clinical teaching during daily (2-3 hours) clinical rounds plus didactic training.
4. **1993-2001: Cleveland Clinic Foundation, Cleveland, Ohio**
 - a) Faculty, dietetic internship providing didactic and clinical teaching to interns rotating in the nutrition support service.
5. **2004 -2005: R.B. Turnbull, J.R., M.D. School of Enterostomal Therapy Nursing, Cleveland, Ohio.**
 - a) Faculty, providing didactic lectures to the students (eight students; with a new class starting quarterly).
6. **2004-2005: Cleveland Clinic Lerner College of Medicine, Cleveland, Ohio.**
 - a) Lecturer; developed module on fluid and electrolytes for the medical students.
7. **2004: University of Medicine and Dentistry of New Jersey, Newark, New Jersey**

a) Guest Lecturer NUTR 7210 (Internet)

8. 2005: University of Pittsburgh, Pittsburgh, Pennsylvania

a) Preceptor, Master's In Nutrition, Summer Semester and Fall Semester. Conducted two independent graduate level nutrition courses (one 2-credit semester hours [HRS 2999] and one 1-credit semester hours [HRS 2999])

9. 2005: International Transplant Nurses Society (ITNS) Golden Triangle Chapter

a) Guest Lecturer Journal Review

10. 2005: ICNSO Advanced Course in Clinical Nutrition, Punta del Este, Uruguay

a) Faculty, provided lecture and printed materials which will be used for an international nutrition course

11. 2006-2007: Clinician's Compendium to Nutrition Support Online Course, American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.)

a) Faculty, provided lecture (power point presentation) on Intestinal Transplantation to be used as part of an online educational course.

12. 2008-present FELANPE Congress

a) International Advisory Committee

13. 2008: University of Medicine and Dentistry of New Jersey (UMDNJ)

- a) Reviewer: Master's Thesis: "Effect of the Probiotic *Lactobacillus rhamnosus* GG on Antibiotic Associated Diarrhea in Critically Ill Patients"

14. 2008: University of Pittsburgh, Pittsburgh, Pennsylvania

- a) Established the first nutrition fellowship for physicians within the transplant division.

15. 2008: University of Medicine and Dentistry of New Jersey (UMDNJ)

- a) Developed an advanced web-based course on enteral and parenteral nutrition NUTR 6602
- b) Guest Lecturer NUTR 6601 Advanced Clinical Nutrition – Lower GI Tract (Internet)

16. 2009: University of Medicine and Dentistry of New Jersey, Newark, New Jersey

- a) Faculty NUTR 6602 Advanced Enteral and Parenteral Nutrition
- b) Guest Faculty NUTR660 Advanced Clinical Nutrition—Lower GI Tract (Internet)

17. 2009: Dissertation Committee, for Mohammad S Shawaqfeh, PharmD, MS, Clinical Pharmaceutical Science program, College of Pharmacy, University of Pittsburgh

18. 2010: University of Medicine and Dentistry of New Jersey, Newark, New Jersey

- a) Faculty NUTR 7320 Advanced Clinical Nutrition (Internet)
- b) Guest Faculty NUTR660 Advanced Clinical Nutrition—Lower GI Tract (Internet)

19. 2011: University of Medicine and Dentistry of New Jersey, Newark, New Jersey

- a) Faculty NUTR 6602 Advanced Enteral and Parenteral Nutrition (Internet)

F. Continuing Medical Education Activities:

1. Attendance at national and international scientific meetings including and the American Society for Parenteral and Enteral Nutrition, the American Dietetic Association, Dietitians In Nutrition Support, the European Society for Parenteral and Enteral Nutrition, Brazilian Society for Parenteral and Enteral Nutrition, Federation of Latin American of Parenteral and Enteral Nutrition, Venezuelan Society for Parenteral and Enteral Nutrition and the American College of Gastroenterology. Attendance of postgraduate courses on nutrition support, nutrition science, gastroenterology and transplantation.
2. Presenting lectures, abstracts or presiding at sessions at the above conferences.

II. RESEARCH:

A. Grants:

<u>Grant Number</u>	<u>Grant Title</u>	<u>Role in Project & Percent of Effort</u>	<u>Years Inclusive</u>	<u>Source & \$ Amount</u>
<u>ACTIVE</u>				
1- R03	Mechanisms of Adaptation in Human Short Bowel Syndrome	Study Coordinator 10%	3/1/04- 2/28//06	NIH \$200,000
2- CL0600-004	Teduglutide (ALX-0600) A Study of the Efficacy and Safety of Teduglutide in Subjects with Parenteral Nutrition-Dependent Short Bowel Syndrome	Study Coordinator 10%	5/1/04-4/31/06	NPS \$200,000
3	Carbohydrate regulation of intestinal phosphate transport	Consultant	Current	NIH
4	Effect of dietary and life style modification on post liver transplant obesity IRB# MOD08010154-03	Co-Investigator	Current	STI
5	The effect of Teduglutide on the Utilization of Enteral Nutrients for the Synthesis of Hepatic, Pancreatic, and Mucosal Proteins IRB#MOD08010326-01	Co-Investigator	Current	NPS
6	National Nutrition Support Practice Audit	Primary Investigator	Current	NBNSC \$30,000
7	Compassionate use of an intravenous fat emulsion comprised of fish oils (Omegaven) in the treatment of parenteral nutrition (PN) induced liver injury IRB#10-118	Co-Investigator	Current	
<u>COMPLETED</u>				
1989	Comparison of Predicted Versus Measured Resting Energy Expenditure In Surgically -	Principal Investigator	1989	Cleveland Clinic Foundation

1997	Stressed Patients DEXA Scan in Home TPN Patients	Principal Investigator	1997	\$13,820 Cleveland Clinic Foundation, \$29,000
2007	Vitamin B6 Status During Restoration of Nutritional Autonomy in Adults Post Intestinal Transplantation IRB#0509100	Principal Investigator	10/13/05- 10/12-07	NA

B. Presentations, Seminars, and Invited Lectureships Related to Research:

1. "Caloric Needs of the Normal Population" and "Computerized Nutritional Assessment and Determining Energy and Protein Requirements" Meeting Caloric Needs In Nutrition Support, Course Co-Director, Cleveland Clinic Foundation, Cleveland, Ohio. March 1990.
2. "Indirect Calorimetry" Nutrition Seminar Series Cleveland Clinic Foundation, Cleveland, Ohio. March 1992.
3. "Technical Aspects and Pitfalls of Performing Indirect Calorimetry in Clinical Practice" and "The Cleveland Clinic's Experience with Gas Exchange Indirect Calorimetry." 4th Annual Nutrition Symposium. The Use of Indirect Calorimetry in Clinical Nutrition in the 90's. St. Elizabeth Hospital and Medical Center, Youngstown, Ohio. October 1993.
4. "Indirect Calorimetry" The University of Texas Health Science Center Telecommunication Services. (Teleconference) May 1995.
5. "Indirect Calorimetry - Technical Aspects" Nutrition Seminar Series, Cleveland Clinic Foundation, Cleveland, Ohio. August 1996.
6. "Indirect Calorimetry: Technical Aspects" Energy Metabolism: To BEE or not to BEE (moderator) The American Dietetic Association, 79th Annual Meeting, San Antonio, Texas. October 1996.
7. "Body Composition Analysis: Use of Non-Traditional Techniques" The Cleveland Clinic Foundation, Cleveland, Ohio. October 1997.
8. "Technical Aspects and Practical Applications of Indirect Calorimetry" Ohio Society for Parenteral and Enteral Nutrition, 17th Annual Nutrition Support Conference, Columbus, Ohio. May 1998.
9. "Evaluation of Body Composition Changes" The American Dietetic Association 81st Annual Meeting, Kansas City, Missouri, October 1998.
10. "Overfeeding and Refeeding in the Critically Ill: A Review of Complications and Guidelines" The Greater Akron Dietetic Association, Akron, Ohio February 1999.

11. "Indirect Calorimetry and Refeeding Syndrome" Refining Skills in Nutrition Support, Detroit Medical Center, Detroit, Michigan March 1999.
12. "Enteral Nutrition", "Indirect Calorimetry" and "Nutrition Indicators for the Critically Ill" American Society for Parenteral and Enteral Nutrition, 24th Clinical Congress, Nashville, Tennessee. January 2000.
13. "Indirect Calorimetry: A Case Approach" Baylor University Medical Center, Dallas, Texas October 2000.
14. "Nutrition Assessment and Requirements in Chronic Liver Disease", "Assessment of Body Composition Using DEXA", "Nutrition Support: From Hospital to Home" and "Contamination of Enteral Formulas" (panel), X Congreso Argentino II del Cono Sur de Soporte Nutricional y Metabolismo, Buenos Aires, Argentina. May 2001
15. "Difficult Situations and Interpretations in Clinical Nutrition" (interactive session), "Nutritional Complications in the Post-Operative Bariatric Surgery Patient" (luncheon), "Caloric Expenditure: Equations and Indirect Calorimetry", and "Nutrition Support Team: An Advance in Clinical Practice", XXIV Curso E 17o Simposio Internacional Em Terapia Nutricional Enteral E Parenteral, III Forum Paulista De Pesquisa Em Nutricao Clinica E Experimental, Sao Paulo, Brazil. June 2001
16. "Intestinal Failure and Rehabilitation" Nutrition Therapy CE Program, Cleveland Clinic Foundation, Cleveland, Ohio, November 2002
17. "Enteral Nutrition and Intestinal Rehabilitation" Ohio University College of Osteopathic Medicine, Columbus, Ohio November 2002
18. "Zinc in Oral Rehydration Solutions" University of Medicine and Dentistry of New Jersey (Internet), December 2002
19. "Nutrition for Gut Failure: Rehabilitation, Small Bowel Transplantation, and TPN Prescriptions", Kansas Dietetic Association, Manhattan, Kansas April 2003
20. "Intestinal Failure and Rehabilitation" and "Writing Parenteral Nutrition Orders", Dietitians In Nutrition Support 25th Anniversary Symposium, New Orleans, Louisiana May 2003
21. "Intestinal Failure and Rehabilitation" Gastrointestinal Nursing Symposium, The Cleveland Clinic Foundation, Cleveland, Ohio October 2003.
22. "Energy Expenditure. Should we predict or measure?" University of Medicine and Dentistry of New Jersey, NUTR 7210 Guest Faculty (Internet), November 2003.
23. "Intestinal Failure and Rehabilitation" and "Calorimetry" XV Congresso Brasileiro De Nutricao Parenteral E Enteral, I Congresso Da Confederacao Internacional Das Organizacoes De Suporte Nutricional (ICNSO), III Congresso Brasileiro De Nutricao Clinica, Rio de Janeiro, Brazil. November 2003

24. "Intestinal Failure and Rehabilitation" North Coast Ohio SGNA. 19th Annual Educational Course, Mayfield Heights, Ohio November 2003
25. "Education, Training, Certification, and Dietetics Practice" 19th Japanese Society for Parenteral and Enteral Nutrition, "Dietitians – Past, Present, and Future" (Roundtable Discussion), "Nutrition Support at The Cleveland Clinic Foundation – Past, Present and Future" Kitano Hospital, Osaka, Japan; "Nutrition Support at The Cleveland Clinic Foundation – Past, Present and Future" Nishitetsu Grand Hotel, Fukuoka, Japan; "Intestinal Failure and Rehabilitation – Beyond NST" Palace Hotel, Tokyo, Japan. January 2004
26. "Intestinal Failure and Rehabilitation" R.B. Turnbull, M.D., School of Enterostomal Therapy Nursing, Cleveland, Ohio January 2004
27. "Enteral Nutrition" and "Intestinal Failure and Rehabilitation: Implications for the Home Care Clinician" Third Annual Nutrition Week, Las Vegas, Nevada February 2004
28. "Intestinal Rehabilitation" The Cleveland Clinic Foundation, Cleveland, Ohio, March 2004
29. "Short Bowel Syndrome", "Intestinal Rehabilitation", "Trophic Factors" and "Acute Renal Failure", X Congreso Venezolano de Nutricion Parenteral y Enteral, Caracas, Venezuela. April 2004
30. "Intestinal Failure and Rehabilitation" R.B. Turnbull, M.D., School of Enterostomal Therapy Nursing, Cleveland, Ohio April 2004
31. "Technology in Nutrition Assessment: Using DXA" Ohio Dietetic Association 83rd Annual Meeting, Columbus, Ohio April 2004.
32. "Intestinal Rehabilitation for Short Bowel Syndrome", Serono, Inc., Boston, Massachusetts, April 2004
33. "Intestinal Rehabilitation for Short Bowel Syndrome – Case Report" IBD Conference, The Cleveland Clinic Foundation, Cleveland, Ohio, June 2004
34. "Intestinal Failure and Rehabilitation" University of Massachusetts, Wooster, Massachusetts June 2004
35. "Intestinal Failure and Rehabilitation" R.B. Turnbull, M.D., School of Enterostomal Therapy Nursing, Cleveland, Ohio July 2004
36. "Technology in Nutrition Assessment: Using DXA" Nutrition Therapy CE Program, The Cleveland Clinic Foundation, Cleveland, Ohio August 2004
37. "Intestinal Failure and Rehabilitation" The Cleveland Clinic Foundation, Cleveland, Ohio September 2004

38. "Intestinal Failure and Rehabilitation"(Moderator) New frontiers in GI Nutrition, Food & Nutrition Conference Expo, Anaheim, California October 2004
39. "Intestinal Rehabilitation for Short Bowel Syndrome" Serono, Inc., (Teleconference) Boston, Massachusetts October 2004
40. "Intestinal Failure and Rehabilitation" R.B. Turnbull, M.D., School of Enterostomal Therapy Nursing, Cleveland, Ohio October 2004
41. "Maximizing Absorption Through Diet" Hot Topics on Inflammatory Bowel Disease, Crohn's & Colitis Foundation of America, Cuyahoga Falls, Ohio October 2004
42. "Intestinal Rehabilitation" The Oley Foundation Regional Meeting, Twinsburg, Ohio October 2004
43. "Intestinal Rehabilitation for Short Bowel Syndrome" Serono, Inc., (Teleconference) Boston, Massachusetts December 2004
44. "Severe Intestinal Damage and Rehabilitation" The Pittsburgh Dietetic Association, Pittsburgh, Pennsylvania, February 2005
45. "Intestinal Failure and Rehabilitation" Florida Society for Parenteral and Enteral Nutrition. Ft. Lauderdale, Florida September 2005
46. "Short Bowel Syndrome" The Greater Pittsburgh Area Society of Parenteral and Enteral Nutrition and The Pittsburgh Gut Club And The Western Pennsylvania Endoscopic Society, Pittsburgh, Pennsylvania October 2005
46. "Selected Case Studies: Short Bowel Syndrome" NY/LISPEN Annual Fall Conference, Hicksville, New York, November 2005
47. "Nutritional support of patients in the intestinal transplant program" 10th FELANPE Congress, Montevideo, Uruguay November 2005
48. "Inflammatory and ischemic bowel disease" ICNSO Advanced Course in Clinical Nutrition, Punta del Este, Uruguay November 2005
49. "Vitamin B6 status during restoration of nutritional autonomy in adults post intestinal transplantation" Intestinal Rehabilitation and Transplant Center, Thomas E. Starzl Transplantation Institute, University of Pittsburgh Medical Center, January 2006
50. "Intestinal Failure: Evidence Based Treatment Options" Evidence-Based Approaches to Nutrition Support Management, The New Jersey Chapter of The American Society for Parenteral and Enteral Nutrition, Beth Israel Medical Center, Newark, New Jersey, April 2006
51. "Intestinal Rehabilitation" Missouri/Southwest Illinois Society for Parenteral and Enteral Nutrition, Barnes-Jewish Hospital, St. Louis, Missouri, April 2006

52. "Treatment Options for Intestinal Failure" Mississippi Society for Parenteral and Enteral Nutrition, The University of Mississippi Medical Center, Jackson, Mississippi, April 2006
53. "Nutrition Management of Short Bowel Syndrome" GI Grand Rounds, Winthrop University Hospital, Mineola, NY November 2006
54. "The Use of Functional Foods in Intestinal Rehabilitation" 1st International Congress for Medical Use of Functional Foods, MUFF, Tokyo, Japan November 2006
55. "Current Status of Intestinal and Multivisceral Transplantation", "Obesity Following Intestinal and Multivisceral Transplantation" and "Intestinal and Multivisceral Transplantation as a Treatment for Short Bowel Syndrome", Clinical Nutrition Week, Phoenix, Arizona, January 2007
56. "Restoring Intestinal Health For Patients With Intestinal Failure" Pennsylvania Dietetic Association Annual Meeting and Exhibition, Pittsburgh, Pennsylvania, May 2007
57. "Intestinal Failure" XIII Congreso Argentino V Del Cono Sur De Soporte Nutricional Y Metabolismo, I Congreso Argentino De Soporte Nutricional Y Metabolismo En Pediatria, Buenos Aires, Argentina May 2007
58. "Vitamin B6 Status During Restoration of Nutritional Autonomy in Adults Post Intestinal Transplantation" Thomas E. Starzl Transplantation Institute, Pittsburgh, Pennsylvania, July 2007
59. "Strategies for the Management of Intestinal Failure" National Teleconference, Coram, August 2007
60. "Intestinal Rehabilitation and Transplantation" Food and Nutrition Conference and Expo, The American Dietetic Association, Philadelphia, Pennsylvania October 2007
61. "Challenges in Treating Short Bowel Syndrome" Baylor University Medical Center, Dallas, Texas March 2008
62. "Treatment Options for Intestinal Failure" Buffalo State College, Buffalo, New York, May 2008
63. "Comprehensive Treatment of Intestinal Failure" Recanati/Miller Transplantation Institute, Mount Sinai Medical Center, New York, New York, May 2008
64. "Therapeutic Efficacy of Intestinal and Multivisceral Transplantation: Nutrition Therapy and Outcomes" NY/LISPEN Annual Fall Conference, Hicksville, New York. November 2008
65. "Pyridoxal-5'-phosphate deficiency after intestinal and multivisceral transplantation" University of Pittsburgh School of Pharmacy, Pittsburgh, Pennsylvania. November 2008
66. Scientific Paper Session (Moderator) Clinical Nutrition Week, New Orleans, Louisiana, February 2009

67. "Therapeutic Efficacy of Intestinal and Multivisceral Transplantation: Nutrition Therapy and Outcomes" Coordinated Masters in Dietetics Program, University of Pittsburgh, Pittsburgh, Pennsylvania. February 2009.
68. "Pyridoxal-5'-phosphate deficiency after intestinal and multivisceral transplantation" Nutrition Grand Rounds, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania. February 2009
69. "Maximizing Bowel Adaptation in Short Bowel Syndrome" Florida Dietetic Association Annual Symposium, Naples, Florida. July 2009
70. "Pyridoxal-5'-phosphate Deficiency After Intestinal and Multivisceral Transplantation: Changing Clinical Practice" Dietetic Internship Research Panel, University of Pittsburgh, Pittsburgh, Pennsylvania, September 2009
71. "Restoring Intestinal Health for Patients With Short Bowel Syndrome" Maryland Society for Parenteral and Enteral Nutrition, Johns Hopkins Medical Center, Baltimore, Maryland October 2009
72. "Short Bowel Syndrome, Intestinal Failure and Transplant: Nutrition Therapy and Outcomes", III Jornadas De Soporte Nutricional Hospital Britanico, Buenos Aires, Argentina October 2009
73. "Transitioning Techniques in Intestinal Failure: Achieving Nutritional Autonomy" A.S.P.E.N. Research Workshop: Intestinal Failure: Latest Advances in Diagnosis and Treatment Including Transplantation, Clinical Nutrition Week, Las Vegas, Nevada February 2010
74. "Intestinal Transplantation: Is Supplementation Necessary After Achievement of Nutritional Autonomy?" Clinical Nutrition Week, Las Vegas, Nevada February 2010
75. "Therapeutic Efficacy of Intestinal and Multivisceral Transplantation: Nutrition Therapy and Outcomes" Coordinated Masters in Dietetics Program, University of Pittsburgh, Pittsburgh, Pennsylvania. February 2010.
76. Scientific Paper Session (Moderator) Clinical Nutrition Week, Las Vegas, Nevada February 2010
77. "Transitioning Techniques in Intestinal Failure: Achieving Nutritional Autonomy" GI Nutrition Grand Rounds, University of Pittsburgh, Pittsburgh, Pennsylvania March 2010
78. "Transitioning Techniques in Intestinal Failure: Achieving Nutritional Autonomy" VHA 2010 Nutrition Quality Summit, Department of Veterans Affairs, San Diego, California, May 2010
79. "Intestinal Rehabilitation" XXIV Congreso Anual Avances en Metabolismo y Soporte Nutricional, Asociacion Colombiana De Nutricion Clinica, Calle, Columbia May 2010
80. "Nutritional Management of Short Bowel Syndrome: Practical Aspects" Patricia Savino Honorary Lecture, XXIV Congreso Anual Avances en Metabolismo y Soporte Nutricional, Asociacion Colombiana De Nutricion Clinica, Calle, Columbia May 2010

81. “Soporte nutricional peri transplante de órganos” and “Rehabilitación intestinal para la restauración de la autonomía nutricional” XII Congreso de la Federación Latinoamericana de Nutrición Clínica y Metabolismo FELANPE, Asuncion, Paraguay October 2010
82. “Nutrition Support in Intestinal Failure and Small Bowel Transplantation” Patillo E. Donald Memorial Lecture, Nutrition Support Update 2010. Reaching New Heights in Nutrition Support. The Virginal Chapter of A.S.P.E.N. (VASPEN). Wintergreen, Virginia November 2010.
83. “Therapeutic Efficacy of Intestinal and Multivisceral Transplantation: Nutrition Therapy and Outcomes” Coordinated Masters in Dietetics Program, University of Pittsburgh, Pittsburgh, Pennsylvania. February 2011.
84. “Practical Aspects and Dynamics of Nutrition Management in Intestinal Rehabilitation and Transplantation”. Clinical Nutrition Week, Vancouver, BC Canada February 2011
85. “Making the Most Out of What You Eat” The Oley Foundation, Vancouver, BC Canada February 2011
86. “Probiotics for Good Health and Their Role in Gastrointestinal Disorders” XII Congreso Internacional Avances en Medicina, Hospital Civil De Guadalajara, Mexico February 2011
87. “ Intestinal Rehabilitation: Nutrition Therapy and Outcomes” XII Congreso Internacional Avances en Medicina, Hospital Civil De Guadalajara, Mexico February 2011
88. “Achieving Nutritional Autonomy: The Devil is in the Details” GI Nutrition Grand Rounds (Course #1071) University of Pittsburgh, Pittsburgh, Pennsylvania March 2011
89. “Transitioning Techniques in Intestinal Failure: Achieving Nutritional Autonomy” Georgia State University, Atlanta, Georgia April 2011
90. "Transitioning Techniques in Intestinal Failure: Achieving Nutritional Autonomy" East Carolina University, Greenville, North Carolina April 2011
91. “Short Bowel Syndrome: Physiology and Nutritional Implications” and “Nutritional Support in Small Bowel and Multivisceral Transplantation” IV Congresso Brasileiro De Nutricao Integrada (CBNI) e GANEPAO , Sao Paulo, Brazil June 2011

Other Research Related Activities:

1. **Journal Referee:**

<i>Journal of The American Dietetic Association</i>	1990 - Present
<i>Journal of Parenteral and Enteral Nutrition</i>	1990 - Present
<i>Brazilian Journal of Medical and Biological Research</i>	1999 - Present

<i>Diseases of the Colon and Rectum</i>	2004- Present
<i>Nutrition In Clinical Practice</i>	1990 - Present
<i>Nutrition</i>	1998- Present
<i>Support Line</i>	1994- Present
<i>Therapy</i>	2005- Present
<i>Topics In Clinical Nutrition</i>	2000 - Present
<i>European Journal of Clinical Nutrition</i>	2005- Present
<i>World Journal of Gastroenterology</i>	2007- Present
<i>European Journal of Gastroenterology and Hepatology</i>	2008 – Present
<i>Digestive and Liver Disease</i>	2008- Present
<i>Liver Transplantation</i>	2009-Present
<i>Clinical Transplantation</i>	2009-Present
<i>Transplant International</i>	2011- Present

2. Editorial Board:

<i>Nutritional Support Services</i>	1983-1989
<i>Nutrition In Clinical Practice</i>	1992-1996, 2005 to present
<i>World Journal of Gastroenterology</i>	2007 to present
<i>Clinical Nutrition Insight</i>	2010 to present
<i>Gastroenterology and Hepatology</i>	2011 to Present

3. Editorship

<i>Editor, Cleveland Dietetic Association Newsletter</i>	1990-1991
<i>Technical Reviewer, American Dietetic Association</i>	1991
<i>Co-editor, Nutrition Assessment Anthology, A.S.P.E.N.</i>	1991
<i>Support Line</i>	1992-1994
<i>Co-editor, Nutrition Support Dietetics Core Curriculum, 2nd edition, A.S.P.E.N.</i>	1993
<i>Editor, Nutrition Support Handbook, The Cleveland Clinic Foundation</i>	1997
<i>Co-editor, Contemporary Nutrition Support Practice, W.B. Saunders Company, (Nominated for the American Association of Publishers Award for Excellence in Scientific/Medical Publishing)</i>	1998
<i>Section Editor, Medical Nutrition & Disease, Blackwell Science</i>	1999
<i>Co-editor, Contemporary Nutrition Support Practice, 2nd edition, W.B.</i>	2003

<i>Saunders Company (also translated into Spanish)</i>	
<i>Co-editor, Contemporary Nutrition Support Practice, Pocket Guide Companion, W. B. Saunders Company</i>	2003
<i>Co-editor, Intestinal Failure and Rehabilitation: A Clinical Guide, CRC Press, Boca Raton, Florida</i>	2005
<i>Co-editor, Nutrition Support Handbook, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania</i>	2006
<i>Reviewer, CRC Press</i>	2008
<i>Co-Editor, The Gastrointestinal Nutrition Pocket Guide, The American Dietetic Association</i>	2009-2011
<i>Co-Editor, Gastrointestinal and Liver Disease Nutrition Desk Reference, CRC Press</i>	2009-2011

4. Advisory Boards:

- a. Oley Foundation Awards, 1995
- b. Commission of Advisors, Interdisciplinary Review Course, C.I.N., Latin American Federation of Parenteral and Enteral Nutrition 2001 to present
- c. Baxter Clintec Clinical Consultant, triple chamber parenteral nutrition, Food and Drug Administration 2005
- d. Serono, Inc. Speakers bureau and consultant on the use of somatropin in short bowel syndrome 2005 - 2007
- e. Chartwell Home Infusion, Pennsylvania 2005 - present
- f. Board of Trustees, Oley Foundation 2008 - present

III. CURRENT RESEARCH ACTIVITIES AND INTERESTS:

1. Intestinal adaptation following surgical resection.
2. The clinical development of new drugs to enhance intestinal and gut adaptation.
3. Micronutrient status following intestinal and multivisceral transplantation.

4. Quality of life of patients following small bowel/multivisceral transplantation.
5. Nutrient transporters in the bowel mucosa.
6. Vitamin metabolism and requirements
7. Obesity following transplantation
8. Board certification of health care professionals

IV. SERVICE:

A. University and Medical School:

1. Director of Nutrition, The Intestinal Rehabilitation and Transplantation Center (IRTC) January 2005.
2. Member of Nutrition Subcommittee, University of Pittsburgh Medical Center, March 2005 - present
3. TPN Safety Committee, University of Pittsburgh Medical Center, January 2005 - present
4. Liaison between Department of Nutrition and Thomas E. Starzl Transplantation Center, January 2005 – present
5. UPMC/Chartwell Advisory Board, 2005 to present
6. Thomas E. Starzl Transplantation Institute Young Investigator Grant, Reviewer 2008, 2010
7. Thomas E. Starzl Transplantation Institute Protocol Review (PRC)/Data Safety Monitoring Board (DSMB), November 1, 2008-November 1, 2011
8. GLN-Enriched Parenteral Nutrition Task Force, University of Pittsburgh Medical Center, April 2011 – present

B. Professional Committee Activities and Service:

1. The American Dietetic Association (ADA):
 - Dietitians in Nutrition Support Practice Group
 - Chairman Publications Committee 1987-1989
 - Nominating Committee 1990-1992
 - Editor, Support Line 1992-1994
 - Chair-Elect October 1994 - March 1996
 - Chair March 1996 - June 1997
 - Immediate Past Chair June 1997 - May 1998

Reviewer, Support Line 1994 to present
Chair, Credentialing Task Force 1997 to 2001
Technical Resource 1990
Technical Reviewer 1991
Product Review Panel, Dietetics Self-Assessment Project, 1992
Specialty Credentialing Committee 1993
Abstract Review Committee 1993 to present
Faculty, 74-75th, 79th, 81st Annual Meeting
Reviewer, Journal of The American Dietetic Association
Reviewer, Manual of Clinical Dietetics, 4th & 5th edition
1995, 1996, 1997 Legislative Symposium Participant
1995 White House Conference on Aging
Reviewer, Medical Nutrition Therapy Across the Continuum of Care Supplement 1 1997

2. Commission on Dietetic Registration (CDR):

Fellow Certification Panel 1995, 2000-2002

3. American Society For Parenteral and Enteral Nutrition (A.S.P.E.N.):

Faculty, 11th-25th Clinical Congress
Faculty, Nutrition Week
Dietitians Committee 1990-1992, 1993-1995
Publications Committee 1990-1991
Professional Interest Committee: Home Care
Standards Committee 1991-1992
Publications Subcommittee 1992-1993
Editorial Board, Nutrition In Clinical Practice 1992-1996, 2005 to present
Standards Subcommittee 1992-1993
Education and Professional Development Committee 1993-1995
Ad Hoc CNSD Committee 1993-1994
Co-editor, Nutrition Support Dietetics Core Curriculum 1993
Reviewer, Journal of Parenteral and Enteral Nutrition 1994 to present
Nominations Committee 1995-1996
Audio Conference Host-Site Coordinator, 1999, 2001
Reviewer, Interdisciplinary Core Curriculum
Abstract Review Committee 2008-2011
Reviewer, Enteral Nutrition Standards of Care 2008
A.S.P.E.N. Novel Nutrient Task Force 2009-present
Reviewer, Clinician's Compendium to Nutrition Support Therapy 2009

3. National Board of Nutrition Support Certification (NBNSC):

CNSD Exam Committee
Dietitian Certification Committee 1992-1994
Role Delineation Study Committee 1996 – 2000
Dietitian Certification Director 2006 - 2008
President-Elect – March 2008- March 31, 2009
President – April 1, 2009- March 31, 2013

4. Cleveland Dietetic Association (CDA):
 - Board of Directors 1985-1987
 - Chairman, Council on Practice 1986-1987
 - Chairman-elect, Council on Practice 1985-1986
 - Licensure Committee 1985-1988
 - Chairman, Clinical Dietetics and Research 1984-1985
 - Co-Chairman National Nutrition Time 1984-1985
 - Editor, Newsletter 1990-1991
 - Karen Porcelli Scholarship Committee 1992-1993

5. American Gastroenterology Association (AGA):
 - Abstract Review Committee 2007

6. American Society of Health-System Pharmacists (ASHSP):
 - Reviewer, Continuing Education Programs 2008

7. Oley Foundation
 - Oley Foundation Awards Committee, 1995, 2010
 - Board of Trustees, June 2008 – present
 - Executive Committee, June 2010 – present
 - Secretary, June 2010 – present
 - Marketing Chair, June 2010 – present

C. Community Activities:

1. Public education about intestinal rehabilitation, intestinal and multivisceral transplantation through the Oley Foundation and articles in lay publications.
2. Active member of the Oley Foundation; my power point presentations and videos are on the Oley Foundation website; appointed to the Board of Trustees
3. Lecturing the community physicians and multidisciplinary audiences through scheduled seminars sponsored by the Greater Pittsburgh Society for Parenteral and Enteral Nutrition and the Gut Club.
4. Member of the Pittsburgh Dietetic Association
5. Member of the Greater Pittsburgh Society for Parenteral and Enteral Nutrition
6. Transplant Recipients International Organization (TRIO): provided numerous lectures