
BIOGRAPHICAL SKETCH

NAME Siminerio, Linda M.	POSITION TITLE Professor of Medicine
eRA COMMONS USER NAME LINDA SIMINERIO	Executive Director

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	MM/YY	FIELD OF STUDY
Pennsylvania State University	B.S.N.	09/72	Nursing
University of Pittsburgh	M.S.	12/78	Child Development/Care
Pennsylvania State University	Ph.D.	05/98	Health Education/ Care Delivery

A. Personal Statement

I have been a leader in diabetes self-management education and health care delivery for more than 40 years. For the National American Diabetes Association (ADA), I have served as Chair of the Program Committee and President of Health Care and Education. I have represented diabetes education internationally as the International Diabetes Federation (IDF) Senior Vice President, Chair of the World Congress, Bridging Research in Diabetes Global Environments and Systems (BRIDGES) research translation program and World Health Organization's Diabetes Peer Summit. In my role as Director of the University of Pittsburgh Diabetes Institute, I have organized 47 Diabetes Self-Management Education programs throughout western Pennsylvania and for the US Air Force. My specific area of interest is changing health care delivery models to integrate diabetes teams and self-management models into primary care. I have served as co-chair of the PA Chronic Care Commission leading efforts to organize Patient-Centered Medical Homes across PA. I am principal investigator and author on numerous books and scientific publications in the field of diabetes self-management and health delivery models.

B. Positions and Honors

Positions and Employment

1977 -1999	Diabetes Education Coordinator, Children's Hospital of Pittsburgh, Pittsburgh, PA
1986 - Present	Diabetes Educator Certifications
1999 - Present	Executive Director, Diabetes Institute, University of Pittsburgh, Pittsburgh, PA
1999 - Present	Adjunct Faculty, School of Nursing, Penn State University, University Park, PA
2000 - 2012	Associate Professor, School of Medicine, University of Pittsburgh, Pittsburgh, PA
2001 - Present	Associate Professor, School of Nursing, University of Pittsburgh, Pittsburgh, PA
2012 - Present	Professor, School of Medicine, University of Pittsburgh, Pittsburgh, PA

Honors

1991-1995	Associate Editor, Diabetes Care
1995	ADA Chair, Committee on Programs, ADA President of Health Care and Education
1995	ADA Rachmiel Levine Award
1996-2000	Editor, <i>Diabetes Spectrum</i>
2001	Editor, Honorary Membership, American Dietetic Association
2002-2005	Editor, <i>Diabetes Forecast</i>
2003	ADA Harold Rifkin Award for International Service
2003-2006	IDF, Senior Vice President

2005-2014	ADA Chair, Safe at School Task Force
2006-2007	Member, National Standards for Diabetes Education Committee
2007	Pennsylvania State University Distinguished Alumni Award
2007	Josiah K. Lilly Award
2008	American Association of Diabetes Educators Distinguished Service Award
2008-2014	PA Commission on Chronic Care
2009	Chair, IDF World Diabetes Congress
2009-2013	ADA, Advocacy Committee
2010-2014	Chair IDF Executive Committee, BRIDGES Translation Research Program
2011	ADA National Outstanding Diabetes Educator Award
2011	American Academy of Nursing – Fellowship
2012	IDF, Honorary Lifetime Member
2012-2013	Chair, Behavior Change Committee, National Diabetes Education Program
2014-2015	Chair-elect, National Diabetes Education Program

C. Selected Peer-reviewed Publications (Past 10 years)

1. Manthei E, Siminerio L, Conley Y, Charron-Prochownik D, Feathers A, Charles B, Dorman J. Genetics and type 1 diabetes: Online resource for diabetes educators. *The Diabetes Educator*. 2004, 30(6):961-71.
2. Feathers A, Charron-Prochownik D, Siminerio L, Manthei E, Dorman J. Genetics and type1 diabetes: Online resource for your patients. *The Diabetes Educator*. 2004, 30(6):972-79.
3. Siminerio L, Zgibor J, Solano F. Implementing the chronic care model for improvements in diabetes practice and outcomes in primary care: The University of Pittsburgh Medical Center experience. *Clinical Diabetes*. 2004, 3122(2):54-58.
4. DiNardo M, Korytkowski M, Siminerio L. The importance of normoglycemia in critically ill patients. *Critical Care Nurse Quarterly*. 2004, 27(2):126-34.
5. Charron-Prochownik D, Dorman J, Siminerio L, Ryan C, Conley Y, Poole C, Trucco M. Program: Genetic information for testing type I diabetes (GIFT-D). *Health Education & Behavior*. 2005, 32(5):579-82.
6. Siminerio L, Piatt G, Zgibor J. Implementing the chronic care model in a rural practice. *The Diabetes Educator*. 2005, 31(2):225-34.
7. Rubin R, Peyrot M, Siminerio L. Health care and patient-reported outcomes: Results of the cross-national diabetes attitudes, wishes and needs (DAWN) study. *Diabetes Care*. 2006, 29(6):1249-55.
8. Peyrot, M, Rubin R, Siminerio L. Physician and nurse use of psychosocial strategies in diabetes care: Results of the cross-national diabetes attitudes, wishes and needs (DAWN) study. *Diabetes Care*. 2006, 29(6):1256-62.
9. Wang S, Charron-Prochownik D, Sereika S, Siminerio L, Kim Y. Comparing three theories in predicting health behavioral intention in adolescent women with diabetes. *Pediatric Diabetes*. 2006, 7:108-15.
10. Helgeson V, Viccaro L, Becker D, Escobar O, Siminerio L. Diet of adolescents with and without diabetes: Trading candy for potato chips. *Diabetes Care*. 2006, 29(5):982-87.
11. Piatt G, Orchard T, Emerson S, Siminerio L, Simmons D, Korytkowski M, Ahmad U, Songer T, Zgibor J. Translating the chronic care model into the community: A randomized controlled trial of a multifaceted diabetes education intervention. *Diabetes Care*. 2006, 29(4):811-17.
12. Siminerio L. Challenges and strategies for moving patients to injectable medications. *The Diabetes Educator*. 2006, 32(2):82S-90S.
13. Siminerio L, Piatt G, Emerson S, Ruppert K, Saul M, Solano F, Stewart A, Zgibor J. Deploying the chronic care model to implement and sustain diabetes self-management training programs. *The Diabetes Educator*. 2006, 32(2):253-60.
14. Siminerio, L. Implementing diabetes self-management education programs: Breaking through the barriers in primary care. *Endocrine Practice*. 2006, 12[Suppl 1]:124-30.
15. Funnell, M, Brown T, Childs B, Haas L, Hosey G, Jensen B, Maryniuk M, Peyrot M, Piette J, Reader D, Siminerio L, Weinger K, Weiss M. National standards for diabetes self-management education. *Diabetes Care*. 2007, 30(6):1630-37.
16. Helgeson V, Reynolds K, Escobar O, Siminerio L, Becker D. The role of friendship in the lives of male and female adolescents: Does diabetes make a difference? *Journal of Adolescent Health*. 2007, 40:36-43.
17. Helgeson V, Escobar O, Siminerio L, Becker D. Unmitigated communion and health among adolescents with and without diabetes: The mediating role of eating disturbances. *Personality and Social Psychology*

Bulletin. 2007, 33(4):519-36.

18. Siminerio L, Funnell M, Peyrot M, Rubin R. US nurses' perceptions of their role in diabetes care: Results of the cross-national diabetes, attitudes, wishes and needs (DAWN) study. *The Diabetes Educator*. 2007, 33(1):152-62.
19. Zgibor J, Saul M, Piatt G, Stewart A, Ruppert K, Orchard T, Siminerio L. Developing and validating a diabetes database: Implications for diabetes care in a large health system. *Diabetes Research and Clinical Practice*. 2007, 75(3):313-19.
20. Zgibor, J, Peyrot M, Ruppert K, Noullet W, Siminerio L, Peeples M, McWilliams J, Koshinsky J, DeJesus C, Emerson S, Charron-Prochownik D. Using the American Association of Diabetes Educators Outcomes System to identify patient behavior change goals and diabetes educator responses. *The Diabetes Educator*. 2007, 33(5):839-42.
21. Charron-Prochownik D, Zgibor J, Peyrot M, Peeples M, McWilliams J, Koshinsky J, Noullet W, Siminerio L. The Diabetes Self-Management Assessment Report Tool (D-SMART). *The Diabetes Educator*. 2007, 33(5):833-38.
22. Peeples M, Tomky D, Mulcahy K, Peyrot M, Siminerio L. Evolution of the American Association of Diabetes Educators' Diabetes Education Outcomes Project. *The Diabetes Educator*. 2007, 33(5):794-817.
23. Helgeson V, Snyder P, Escobar O, Siminerio L, Becker D. Comparison of adolescents with and without diabetes on indices of psychosocial functioning for three years. *Journal of Pediatric Psychology*. 2007, 32(7):794-806.
24. Hess R, Bryce C, Paone S, Fischer G, McTigue K, Olshansky E, Zickmund S, Fitzgerald K, Siminerio L. Exploring challenges and potentials of personal health records in diabetes self-management: Implementation and initial assessment. *Telemedicine Journal and E-Health*. 2007, 13(5):509-17.
25. Seidel M, Powell R, Zgibor J, Siminerio L, Piatt G. Translating the diabetes prevention program into an urban medically underserved community: Results of a non-randomized intervention study. *Diabetes Care*. 2008, 31(4):684-89.
26. Siminerio L. Approaches to help people with diabetes overcome barriers for improved health outcomes. *The Diabetes Educator*. 2008, 32(1):18S-24S.
27. Siminerio L, Drab S, Gabbay R, Gold K, McLaughlin S, Piatt G, Solowiejczyk J, Weil R. AADE Position Statement for Diabetes Educators: Implementing the chronic care model. *The Diabetes Educator*. 2008, 34(3):451-56.
28. Siminerio L, Ruppert K, Emerson S, Solano F, Piatt, G. Delivering diabetes self- management education (DSME) in primary care. *Disease Management & Health Outcomes*. 2008, 16(4):267-72.
29. Helgeson V, Reynolds K, Siminerio L, Escobar O, Becker D. Distribution of parent and adolescent responsibility for diabetes self-care: Emerging impact of shared responsibility. *Journal of Pediatric Psychology*. 2008, 33(5):497-508.
30. Horton E, Cefalu W, Haines S, Siminerio L. Multidisciplinary Interventions: Mapping new horizons in diabetes care. *The Diabetes Educator*. 2008, 34(4):78S-91S.
31. Siminerio L, Wagner E, Gabbay R, Zgibor J. Implementing the chronic care model: A statewide focus on improving diabetes care in Pennsylvania. *Clinical Diabetes*. 2009, 27:153-59.
32. Kramer M, Kriska A, Venditti E, Miller R, Brooks M, Burke L, Siminerio L, Solano F, Orchard T. Translating the diabetes prevention program: A comprehensive model for prevention training and program delivery. *American Journal of Preventive Medicine*. 2009, 37(6):505-11.
33. Peyrot M, Rubin R, Funnell M, Siminerio L. Access to diabetes self-management education: Results of national surveys of patients, educators and physicians. *The Diabetes Educator*. 2009, 35(2):246-63.
34. Helgeson V, Siminerio L, Escobar O, Becker D. Predictors of metabolic control among adolescents with diabetes: A 4-year longitudinal study. *Journal of Pediatric Psychology*. 2009, 34(3): 254-70.
35. Siminerio L. The role of technology and the chronic care model. *Journal of Diabetes Science and Technology*. 2010, 4(2):470-75.
36. Helgeson V, Escobar O, Siminerio L, Becker D. Relation of stressful life events to metabolic control among adolescents with diabetes: Five-year longitudinal study. *Health Psychology*. 2010, 29(2):153-59.
37. Siminerio L. Overcoming barriers to better health outcomes in patients with diabetes; improving and balancing patient education and pharmacotherapy initiation. *US Endocrinology*. 2010, 4(2):42-44.
38. Ruppert K, Uhler A, Siminerio L. Examining patient risk factors, co-morbid conditions, participation and physician referrals to a rural diabetes self-management education (DSME) program. *The Diabetes Educator*. 2010, 36(4):603-12.
39. Piatt G, Anderson R, Brooks M, Songer T, Siminerio L, Korytkowski M, Zgibor. 3-year follow-up of clinical

- and behavioral improvements following a multi-faceted diabetes care intervention; Results of a randomized controlled trial. *The Diabetes Educator*. 2010, 36(2):301-09.
40. Kramer M, Kriska A, Venditti E, Siminerio L, Orchard T. A novel approach to diabetes prevention: Evaluation of the Group Lifestyle Balance program delivered via DVD. *Diabetes Research and Clinical Practice*. 2010, 90(3):e60-e63.
 41. Helgeson V, Snyder P, Seltman H, Escobar O, Becker D, Siminerio L. Brief Report: Trajectories of glycemic control over early to middle adolescence. *Journal of Pediatric Psychology*. 2010, 35(10):1161-67.
 42. Helgeson V, Honcharuk E, Becker D, Escobar, Siminerio L. A focus on blood glucose monitoring: Relation to glycemic control and determinants of frequency. *Pediatric Diabetes*. 2011, 12:25-30.
 43. Helgeson V, Honcharuk E, Becker D, Escobar O, Siminerio L. A focus on blood glucose monitoring: Relation to glycemic control and determinants of frequency. *Pediatric Diabetes*. 2011, 12:25-30.
 44. Piatt G, Songer T, Brooks M, Anderson R, Simmons D, Orchard T, Siminerio L, Korytkowski M, Zgibor J. Impact of patient level factors on the improvement of the ABCs of diabetes. *Patient Education and Counseling*. 2011, 82(2):266-70.
 45. Gabbay R, Bailit M, Mauger D, Wagner E, Siminerio L. Multi-payer patient-centered medical home implementation guided by the chronic care model. *The Joint Commission Journal on Quality and Patient Safety*. 2011, 37(6):265-73.
 46. Siminerio L, Mbanaya J. Translating diabetes research into global communities. *Diabetes Research and Clinical Practice*. 2011, 93:443-45.
 47. Kramer M, McWilliams J, Chen H, Siminerio L. A community-based diabetes prevention program: Evaluation of the Group Lifestyle Balance Program delivered by diabetes educators. *The Diabetes Educator*. 2011, 37(5):659-68.
 48. Siminerio L, Kulkarni K, Meece J, Williams A, Cypress M, Haas L, Pearson T, Rodbard H, Lavernia F. AADE Position Statement: Strategies for insulin injection therapy in diabetes self-management. 2011.
 49. Garcia de Quevedo I, Siminerio L, L'Heveder R, Venkat Narayan K. Challenges in real-life diabetes translation research: Early lessons from BRIDGES projects. *Diabetes Research and Clinical Practice*. 2012, 95:317-25.
 50. Helgeson V, Becker D, Siminerio L. Families with children with diabetes: Implications of parent stress for parent and child health. *Journal of Pediatric Psychology*. 2012.
 51. Siminerio L, Dimmick B, Jackson C, Deeb L. The crucial role of health care professionals in advocating for students with diabetes. *Clinical Diabetes*. 2012, 30(1);34-37.
 52. Siminerio L. Remote physician-pharmacist team-based cholesterol management in diabetes mellitus improves achievement of LDL-C target levels compared with access to health IT resources only. *Evidence-Based Nursing*. 2012, 15(3):94.
 53. Wang J, Zgibor J, Matthews J, Charron-Prochownik D, Laporte R, Sereika S, Siminerio L. Self-monitoring of blood glucose is associated with problem-solving skills in hyperglycemia and hypoglycemia. *The Diabetes Educator*. 2012, 38(2);207-14.
 54. Korytkowski M, Lombardero M, Saul M, Brooks M, Orchard T, Siminerio L. Medication intensification strategies and outcomes in patients with type 2 diabetes who have A1C>7% on <2 oral anti-diabetes agents. *Diabetes & Metabolism*. 2012; 38(5):S115-116.
 55. Toledo F, Triola A, Ruppert K, Siminerio L. Telemedicine consultations: An alternative model to increase access to diabetes specialist care in underserved rural communities. *JMIR Research Protocols*. 2012, 1(2):e14.
 56. Wang J, Siminerio L. Educators' insights in using chronicle diabetes: A data management system for diabetes education. *The Diabetes Educator*. 2013, 39(2):248-254.
 57. Helgeson V, Reynolds K, Snyder P, Palladino D, Becker D, Siminerio L, & Escobar O. Characterizing the transition from pediatric to adult care among emerging adults with Type 1 diabetes. *Diabetic Medicine*. 2013, 30, 610-15.
 58. Palladino D, Helgeson, V Reynolds K, Becker D, Siminerio L, & Escobar O. Emerging adults with type 1 diabetes: A comparison to peers without diabetes. *Journal of Pediatric Psychology*. 2013, 38, 506-17.
 59. Helgeson V, Becker D, Escobar O, & Siminerio L. Families of children with diabetes: Implications of parent stress for parent and child health. *Journal of Pediatric Psychology*. 2012, 37, 467-78.
 60. Siminerio L, Ruppert K, Gabbay R. Who best provides diabetes self-management support in primary care? Findings from a randomized controlled trial. *The Diabetes Educator*. 2013, 39(5). 705-13.
 61. Wukich D, Armstrong D, Attinger C, Boulton A, Burns P, Frykberg R, Hellman R, Kim P, Lipsky B, Pile J, Pinzur M, Siminerio L. Inpatient management of diabetes foot disorders: A clinical guide. *Diabetes Care*.

2013, 36, 2862-71.

62. Siminerio L. Meeting the challenges of hypoglycemia in the community. *Diabetic Hypoglycemia*. 2014;6;(3)3-7.

D. Research Support

Ongoing Research Support

323813 (Siminerio, PI) 12/18/2012 - 12/17/2014
Becton Dickinson
Implementing and Evaluation Insulin Intensification Approaches in the Patient-Centered Medical Home
The purpose of this study is to determine diabetes medication intensification practices in primary care.

71245 (Siminerio, Co-PI) 09/01/2013-08/31/2016
Robert Wood Johnson Foundation
Connecting Smart Phones with Electronic Health Records to Facilitate Behavioral Goal Monitoring in Diabetes.
The purpose of this study is to use smart phones to facilitate patient self-monitoring of diet and physical activity.

Beckwith Foundation (Siminerio, PI) 07/01/2013-06/30/2014
Diabetes Telemedicine and Shared Decision Making
The objectives of this project are to design, integrate and evaluate shared decision making approaches delivered to patients with diabetes in a rural community through telemedicine.

Beckwith Foundation (Siminerio, PI) 01/01/2014-12/31/2014
Nurse Education and Transition Program
The objective of this project is to improve patient care at the bedside by providing inpatient nurses with an evidence-based diabetes tool kit for survival skill inpatient education and a transition program linking the patient with diabetes to outpatient education services.

Completed Research Support

115101 (Korytkowski) 09/01/2011-12/31/2013
Sanofi Aventis Group
Use of an Electronic Medical Record to Monitor Efficacy of Different Pharmacologic Progression Strategies on Metabolic Control and Risk for Complications in Patients with Type 2 Diabetes
The purpose of this study is to monitor pharmacological treatment in patients with type 2 diabetes and its association with diabetes complications.

FA7014-08-2-0001 (Siminerio, PI) 2008-2013
US Department of Defense
A National Model for Diabetes Prevention and Treatment Programs in Civilian and Military Healthcare Beneficiary Populations

FA7014-10-2-0005 (Siminerio, PI) 2010-2012
US Department of Defense
Implementing and Assessing a National Model for Diabetes Prevention and Treatment

DK060596-09 (Siminerio, Co-PI) 2007-2012
NIH-R01
Adolescents With and Without Diabetes: Transition to Emerging Adulthood

Sanofi-Aventis (Siminerio, PI) 2008-2011

Diabetes Educators as Preventionists: Translating a Modified Diabetes Prevention Program (DPP)

W81XWH-04-2-0030 (Siminerio, PI)

US Department of Defense

Diabetes Prevention and Treatment Program in Western PA

2006-2010