

CURRICULUM VITAE
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OFFICE ADDRESS

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EDUCATION AND EMPLOYMENT

Sept 1990-Dec 1994	University of North Dakota, Grand Forks, Bachelor of Science (Biology)
Aug 1994-May 1999	University of North Dakota, Grand Forks, Doctor of Medicine
July 1999-June 2002	DeVos Children's Hospital, Michigan State University, Pediatric Residency Grand Rapids, MI
Aug 2002-July 2005	University of Minnesota, Department of Pediatrics Division of Endocrinology, Pediatric Endocrinology Fellowship
Sept 2002-Feb 2005	University of Minnesota, Master of Science Clinical Research
Aug 2005-present	Park Nicollet Clinic, Minneapolis, MN Pediatric Endocrinologist
Aug 2005-present	International Diabetes Center, Minneapolis MN Clinical Investigator
April 2009-present	Park Nicollet Clinic Pediatric Endocrinology, Minneapolis, MN Department Chair
Sept 2009-Dec 2011	Park Nicollet Clinic Epic Electronic Medical Record Clinician Champion, Minneapolis, MN
Dec 2016 – present	International Diabetes Center – HealthPartners Institute, Minneapolis MN Medical Director

CERTIFICATION AND LICENSURE

Certification: American Board of Pediatrics, 2003
American Board of Pediatrics Subspecialty Endocrinology, 2005, 2015

License: Minnesota license #45421

PROFESSIONAL SOCIETIES

2002-present	Pediatric Endocrine Society
2002-present	American Diabetes Association
2005-present	International Society for Pediatric and Adolescent Diabetes

Publications

1. Criego AB, Tkac I, Kumar A, Thomas W, Gruetter R, Seaquist ER. Brain glucose concentrations in patients with type 1 diabetes and hypoglycemia unawareness. *J Neurosci Res* 79: 42-47, 2005.
2. Criego AB. The Necessity of Attaining Adult Supervision in Children with Type 1 Diabetes: A Case Report. *EndoTrends* 11: 11-14, 2004.
3. Criego AB, Tkac I, Kumar A, Thomas W, Gruetter R, Seaquist ER. Brain glucose concentrations in healthy humans subjected to recurrent hypoglycemia. *J Neurosci Res* 82: 525-530, 2005.
4. Oz G, Seaquist ER, Kumar A, Criego AB, Benedict LE, Rao JP, Henry PG, Van de Mortelee PF, Gruetter R. Human Brain Glycogen Content and Metabolism: Implications on its Role in Brain Energy Metabolism. *Am J Physiol Endocrinol Metabol.* 292(3):E946-51, 2007.
5. Criego A and Jahraus J. (guest editors). Preface From Research to Practice: Eating Disorders and Diabetes. *Diabetes Spectrum*, 22(3): 135, 2009.
6. Criego A, Crow S, Goebel-Fabbri A, Kendall D, Parkin C. Eating Disorders and Diabetes: Screening and Detection. *Diabetes Spectrum*, 22(3):143-146, 2009.
7. Goebel-Fabbri A, Uplinger N, Gerken S, Mangham D, Criego A, Parkin C. Outpatient Management of Eating Disorders in Type 1 Diabetes. *Diabetes Spectrum*, 22(3): 147-152, 2009.
8. Henry PG, Criego AB, Kumar A, Seaquist ER. Measurement of cerebral glucose consumption in patients with type 1 diabetes and hypoglycemia unawareness using ¹³(C) nuclear magnetic resonance spectroscopy. *Metabolism*, 59(1):100-106, 2010.
9. Slover RH, Welsh JB, Criego A, Weinzimer SA, Willi SM, Wood MA, Tamborlane WV. Effectiveness of sensor-augmented pump therapy in children and adolescents with type 1 diabetes in the STAR 3 study. *Pediatric Diabetes* , 13: 6-11, 2012.
9. Powers MA, Richter S, Ackard D, Gerken S, Meier M, Criego A. Characteristics of persons with an eating disorder and type 1 diabetes and psychological comparisons with persons with an eating disorder and no diabetes. *International Journal of Eating Disorders*, 45:252-256, 2012.
10. Powers MA, Richter S, Critchley S, Meier M, Criego A. Determining the Influence of Type 1 Diabetes on Two Common Eating Disorder Questionnaires, *The Diabetes Educator*, 39: 387-396, 2013
11. Criego AB, Carlson AL, Bergenstal RB. The Hybrid Closed Loop Therapy; A Step Closer to the Artificial Pancreas. *Minnesota Physician*, February 2017.
12. Bally L, Thabit H, Tauschmann M, Allen JM, Hartnell S, Wilinska ME, Exall J, Huegel V, Sibayan J, Borgman S, Cheng P, Blackburn M, Lawton J, Elleri D, Leelarathna L, Acerini CL, Campbell F, Shah VN, Criego A, Evans ML, Dunger DB, Kollman C, Bergenstal RM, Hovorka R. Assessing the effectiveness of a 3-month day-and-night home closed-loop control combined with pump suspend feature compared with sensor-augmented pump therapy in youths and adults with suboptimally controlled type 1 diabetes: a randomised parallel study protocol. *BMJ Open*. 2017 Jul 13;7(7):
13. Mullen DM, Bergenstal R, Criego A, Arnold KC, Goland R, Richter S. Time Savings Using a Standardized Glucose Reporting System and Ambulatory Glucose Profile. *J Diabetes Sci Technol*. 2017 Nov 1: e published ahead of print

Abstracts

1. Criego AB, Tkac I, Kumar A, Gruetter R, Seaquist ER. Brain Glucose Concentrations in Subjects with Type 1 Diabetes and Hypoglycemia Unawareness. *Diabetes* 53:Supplement 1: A154, 2004. Oral presentation ADA Scientific Sessions June 2004.
2. Criego AB, Tkac I, Kumar A, Gruetter R, Seaquist ER. Brain Glucose Concentrations in Healthy Humans Subjected to Recurrent Hypoglycemia. *Diabetes* 54:Supplement 1: A156, 2005. Poster presentation ADA Scientific Sessions June 2005.
3. Oz G, Seaquist ER, Kumar A, Criego AB, Benedict LE, Rao JP, Gruetter R. Noninvasive Measurement of Human Brain Glycogen Content and Turnover. *Diabetes* 54:Supplement 1: A158, 2005. Oral presentation ADA Scientific Sessions June 2005.
4. Henry PG, Criego AB, Kumar A, Seaquist ER. *Diabetes* 57 Supplement 1: A6, 2008. Brain Oxidative Glucose Metabolism in Patients with Type 1 Diabetes and Hypoglycemia Unawareness. Oral presentation ADA Scientific Sessions June 2008.
5. Criego AB, Meier M, Gerken S, Mangham D. Collaboration and Comprehensive Program Development for Patients with the Dual Diagnosis of Diabetes and Eating Disorders. *Diabetes* 57 Supplement 1: A687, 2008. Published only ADA Scientific Sessions June 2008.
6. Criego AB, Bethin K, Miller KM for the T1D Exchange Clinic Network. Increased Body Mass Index (BMI) is associated with higher Hemoglobin A1c (A1c) among 6-12 year olds but is not associated with total daily insulin dose per kg (TDI) in type 1 diabetes (T1D) participants enrolled in T1D Exchange Clinic Registry. Oral Presentation ISPAD October 2011.

RESEARCH INVOLVEMENT

TrialNet Affiliate Center, Principal Investigator (complete)
Medtronic Minimed Star 3 study, Co-Investigator (complete)
NovoNordisk Pediatric Pump Study ANA-1502, Co-Investigator (complete)
Tercica MS316 Growth Study, Co-Investigator (complete)
Binge Eating Disorder Among Obese Patients Referred to a Pediatric Endocrinology Clinic, Co-Investigator (complete)
STAR-3 Medtronic Sensor Augmented Pump Therapy (complete)
JAEB Type 1 Diabetes Exchange (ongoing)
ASPIRE Study, Co-Investigator (complete)
Medtronic 287 Pediatric Threshold Suspend Study, Principal Investigator (ongoing)
Medtronic 294 HCL Study, Co-Investigator (pivotal trial completed and extension study ongoing)
NovoNordisk Onset7 Study, Primary Investigator (ongoing)
APCam11, Home testing and day and night closed loop with pump suspend feature, Principal Investigator (Youth) (recruiting)
DAN05, Day and night closed-loop in young people with type 1 diabetes, Principle Investigator (not yet recruiting)
FLAIR (Study Comparing Two Automated Insulin Delivery Systems), Primary Investigator (not yet recruiting)
Medtronic 304 Clinical Outcomes Trial – Pediatrics, Primary Investigator (ongoing)
CITY (CGM Intervention in Teens and Young Adults), Primary Investigator (not yet recruiting)

COMMITTEES AND COMMUNITY SERVICE

GME Internal Review Committee for Internal Medicine Endocrinology Fellowship Program 2003
GME Internal Review Committee for Family Practice Residency Program 2004
Minnesota Department of Education Diabetes Education in Schools Advisory Board 2002-2003
Volunteer physician, American Diabetes Association Camp Needpoint/Camp Daypoint, 2002-present

Medical Director, American Diabetes Association Camp Needlepoint/Camp Daypoint, 2007-present
American Diabetes Association Camp Needlepoint/ Camp Daypoint Planning Committee, 2006-present
American Diabetes Association Expo "Ask the Expert" participant October 2005 – October 2016
Melrose Eating Disorder Institute/International Diabetes Association Collaboration October 2005-present
American Diabetes Association Volunteer Leadership Council, August 2007 – August 2012
Diabetes Care Committee, Park Nicollet Clinic/Methodist Hospital, January 2008 – 2012
Diabetes Guidance Council, Park Nicollet Clinic/International Diabetes Center, January 2009 – 2012
American Diabetes Association Scientific Sessions Planning Committee 2012, 2013
American Diabetes Association Scientific Sessions Planning Subcommittee (Youth) 2014