

Anders L. Carlson, MD
International Diabetes Center
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PROFESSIONAL EXPERIENCE:

September 2015-present

Medical Director, International Diabetes Center, Park Nicollet
Minneapolis, MN

March 2010-present

Staff Endocrinologist, HealthPartners Specialty Center and Regions Hospital
Medical Director, Diabetes Program for HealthPartners, 2015-present
Assistant Professor, University of Minnesota Medical School, 2010-present
St. Paul, MN

EDUCATION:

2008-2010

Fellow, Division of Endocrinology, Diabetes and Metabolism
University of Vermont, Burlington, VT

2005-2008

Internal Medicine Residency Program, completed June 2008
Hennepin County Medical Center, Minneapolis, MN

2001-2005

MD program, graduated May 2005
University of Minnesota Medical School, Minneapolis, MN
Participated in a medical school exchange program at the Karolinska Institute, Stockholm, Sweden,
2004

1995-1999

Bachelor of Arts, *summa cum laude* in French and Biology
University of Minnesota, College of Liberal Arts, Minneapolis, MN

RESEARCH EXPERIENCE:

August 2015-present

Investigator on many clinical trials conducted through the International Diabetes Center, including: phase II and phase III studies in diabetes therapeutics (both insulin and non-insulin therapies) and medical devices, NIH-funded studies including EDIC and GRADE, and several artificial pancreas studies, including an NIH-funded study comparing algorithms for automated insulin delivery (FLAIR). Also serve as investigator on quality improvement projects including hyperglycemia and glucocorticoids in oncology patients, and refeeding syndrome in patients with anorexia nervosa and completed the Clinical Quality Advanced Training Program at Park Nicollet.

January 2009-June 2010

Dr. John Leahy Lab, Endocrinology Unit, University of Vermont, Burlington, VT

Studied signaling factors, genetic markers and protein expression involved in β -cell mass and growth

June 2006

Dr. Carey Mariash Lab, Dept. of Endocrinology, University of Minnesota, Minneapolis, MN

Carried out experiments exploring the Spot14-R gene regulatory regions, learned advanced laboratory skills related to research in endocrinology

2002-2005

Graduate Assistant in Department of Surgery, Dr. Gregory Beilman

Worked on completing a database of SICU patients to establish SICU risk factors and prognosis concerning acute respiratory distress syndrome (ARDS)

2003

Knowledge Co-op survey of over 500 peers to assess the correlation between medical school courses, comfort level with the material, and scores on USMLE Step 1

1999-2000

Principal Junior Scientist, Cancer Center, Dr. John Kersey Lab

University of Minnesota, Minneapolis, MN

Conducted basic science research on the molecular mechanisms of MLL-AF4 leukemia

1997-1999

Undergraduate Research Assistant, Dept. of Entomology, Dr. Susan Weller Lab

University of Minnesota, St. Paul, MN

Studied the evolutionary biology of the moth genus *Empyreuma* using DNA sequencing, PCR and morphologic studies

1997

Undergraduate Research Assistant, Dept. of Entomology, Dr. Nancy Schellhorn Lab

University of Minnesota, St. Paul, MN

Executed field experiments on the effectiveness of lady beetles as biologic control agents in agricultural practices

PRESENTATIONS:

Faculty, *The Connection Between Dementia and Diabetes*, and workshop on *Shared Decision Making in Diabetes Care*, Rising Stars Program, Lisbon, Portugal, September 2017

Faculty, Endocrine Society Dimensions in Diabetes, *New Insulin Possibilities in Diabetes Care*, Mumbai, India, June 2017

Oral Presentation, *Outcomes of a Telehealth Initiative for Diabetes Management in Primary Care*, American Diabetes Association 77th Scientific Sessions, San Diego, CA, June 2017

Invited Speaker, *Challenging Diabetes Cases and New Insulin Therapies?*, Park Nicollet Primary Care Update, November 2016

Faculty, *Diabetes Technology: Beyond Insulin Pumps*, Rising Stars Program, Munich, Germany, September 2016

Invited Speaker, *What is My Next Diabetes Medication?*, Park Nicollet Primary Care Update, September 2015

Invited Speaker, *Update in Thyroid Disease*, Park Nicollet Primary Care Update, September 2014

Invited Speaker, *Goals in Diabetes: Which Targets for Which Patients?*, Park Nicollet Chronic Disease Update Program, September 2013

Invited Speaker, *Sexual Health in Diabetes*, ADA Diabetes EXPO, Minneapolis, MN, October 2012

Poster presentation, *Unusual Liver Lesions in a Patient with Familial Partial Lipodystrophy*, American Association of Clinical Endocrinologists, Boston, MA, April 2010

PUBLICATIONS:

Carlson AL, Mullen DB, Bergenstal RB. Clinical use of continuous glucose monitoring in adults with type 2 diabetes. *Diab Technol Ther* 2017;19(Sup2):S4-S11.

Criego AB, Carlson AL, Bergenstal RB. The hybrid closed loop therapy system: a step closer to an artificial pancreas. *Minnesota Physician*, February 2017.

Carlson AL, Marney AM, Anderson SR, Gilbert MP. Bilateral Adrenal Incidentalomas: A Case Report and Review of Diagnostic Challenges, *Case Reports in Endocrinology*, 2013;ID 953052

Carlson AL, Pratley R. Weight loss and diets: which diet works best? *Current Diabetes Reports* 2009;9(1);35-36.

Carlson AL, Smith CM. Primary hyperparathyroidism and jaw-tumor syndrome: a novel mutation of the HRPT-2 gene. *Endocrine Practice* 2008;14(7);743-747

Weller SJ, Simmons R, Carlson AL. *Empyreuma pugione* (Linnaeus) and *E. affinis* Rothschild (Arctiidae: Ctenuchini) – geographic variation or valid species? Evidence from morphology and mitochondrial DNA. *Journal of the Lepidopterists' Society* 2004;58:21-32.

Zink RM, Carlson AL, et al. Nest depredation at Itasca State Park, Minnesota. *Loon* 2000;72:194-200.

CERTIFICATION AND LICENSURE:

1. American Board of Internal Medicine, Certified in Internal Medicine, August 2008
2. American Board of Internal Medicine, Certified in Endocrinology, November 2010
3. Minnesota Medical License, received July 2010

TEACHING EXPERIENCE AND ACTIVITIES:

Endocrinology and Reproduction Second Year Medical School course instructor, University of Minnesota Medical School, 2011-present

-Lead small group discussions covering topics of general endocrinology and reproduction

Endocrinology Fellowship Program, University of Minnesota, Continuity Clinic Faculty, 2010-present

Member, American Diabetes Association National Prevention Committee, 2013-2015

Member, Diabetes Pharmacy Review Committee and Cardiovascular Pharmacy Review Committee, HealthPartners, Bloomington, MN. 2011-present

Small group facilitator for University of Vermont Medical School first year metabolism course, 2008-2010
-Taught courses on lipid disorders and diabetes

Small group facilitator for University of Vermont Medical School second year pathophysiology convergence course, 2008-2010
-Taught course on endocrine histology, pathophysiology

Medical Director, ThyCa Thyroid Cancer Support Group, Twin Cities, MN, 2011-present

MEDICAL SOCIETIES:

Member, American Diabetes Association

Member, Endocrine Society

Member, American Association of Clinical Endocrinologists

AWARDS AND HONORS:

Listed as a “Rising Star” physician in *Minneapolis/St. Paul* magazine, 2015, 2016, and 2017

Listed as a “Best Doctor for Women” in *Minnesota Monthly*, 2015 and 2017

Listed as a “Best Doctor” in *Minnesota Monthly*, 2014, 2016 and 2017