## CURRICULUM VITAE

NAME: Tessa Crume, PhD, MSPH

**CURRENT POSITION** Assistant Professor of Epidemiology

Co-Director, PhD and MS program in Epidemiology

Colorado School of Public Health

University of Colorado Anschutz Medical Campus

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**EDUCATION**

2010 Ph.D. in Epidemiology, Colorado School of Public Health. Dissertation: The Impact of *In Utero* Exposure to Maternal Diabetes on Childhood Growth Trajectories and Obesity Patterns. Mentor: Dana Dabelea

2001 M.S.P.H. University of Colorado Health Sciences Center, Department of Preventive Medicine. Thesis: Under-ascertainment of Child Maltreatment Fatalities by Death Certificates. Advisor: Carolyn DiGuiseppi

1997 B.S. in Microbiology, Colorado State University

**ACADEMIC APPOINTMENT AND POSITIONS**

2011-present Assistant Professor

Department of Epidemiology

Colorado School of Public Health

University of Colorado Anschutz Medical Campus

Aurora, Colorado

2013-present Co-Director

Doctoral and Master’s Program in Epidemiology

Colorado School of Public Health

University of Colorado Anschutz Medical Campus

Aurora, Colorado

**PROFESSIONAL POSITIONS**

1997-2000 Professional Research Assistant

Department of Neurology

University of Colorado Anschutz Medical Center

2000-2007 Epidemiologist

Colorado Department of Public Health and Environment

Denver, Colorado

2007-2011 Program Evaluation Consultant

Centers for Disease Control and Prevention

Contract through Rocky Mountain Center for Health

Lakewood, Colorado

**HONORS AND AWARDS**

2012 Developmental Origins of Health and Disease Travel Stipend

2016 Alpha Upsilon Chapter of Delta Omega National Honorary Society in Public Health

**PROFESSIONAL AFFILIATIONS**

2011-12 Member, International Society for Developmental Origins of Health and Disease

2015-16 Member, American Diabetes Association

2015- Member, Society for Epidemiologic Research

2016- Member, American Society for Nutrition

2017 Member, American Heart Association

**PROFESSIONAL LEADERSHIP AND SERVICE**

International/National Service:

2012 International Society for Developmental Origins of Health and Disease

Role: Member

2014-2016 Maternal Child Health Bureau (MCHB)

Health Resources & Services Administration (HRSA)

U.S. Department of Health and Human Services (US DHHS)

MCHB Performance Measures Workgroup

Role: Member

2015 American Diabetes Association

Role: Member

2016- Centers for Disease Control and Prevention

HRSA, US DHHS

Congenital Heart Public Health Consortium

Role: Member

2016- Society for Epidemiology Research

Committee on Diversity and Inclusion in Epidemiology

Role: Member

2017 Society for Epidemiologic Research

50th Anniversary Annual Meeting

Seattle, Washington

June 20-23

Role: Judge for Early Stage Investigators Poster Session

2017 American Society of Nutrition

Experimental Biology Conference

Chicago, Illinois

April 21-25

Role: Session moderator “Childhood nutritional Epidemiology”

2017 American Society of Nutrition

Experimental Biology Conference

Chicago, Illinois

April 21-25

Role: Judge for Emerging Leader Poster Competition

State Service:

2007-08 Colorado Health Data Advisory Group

Role: Chair

2016-present Colorado Department of Public Health and Environment

Maternal and Child Health Data Advisory Committee

Role: Scientific Advisor

University of Colorado Anschutz Medical Campus (AMC) Committees:

2014- Program Directors Committee, Graduate School

2017- Cannabis Research Committee, AMC

2017- Perinatal Research Network, AMC

Colorado School of Public Health – School-wide Committees:

2012-14 Admissions Committee MPH

Role: Developed guidelines for admissions review for Epidemiology Dept. and reviewed applications

2014 Admissions Committee MPH MCH concentration

Role: Admissions review

2012-16 Maternal Child Health Program Development Committee

Role: Developed epidemiology curriculum for MCH program

Department of Epidemiology, Colorado School of Public Health:

2012- Education and Curriculum Committee

Role: Member

2013- Admissions Committee, MS and PhD Program in Epidemiology

Role: Chair and reviewer

2016 Search Committee

Department Administrator

Role: Member

2016-17 Hoffman Infectious Disease Scholarship Selection Committee

Role: Reviewer

**REVIEW, REFEREE AND EDITORIAL ACTIVITIES**

Abstract Reviewer:

2014 American Diabetes Association 75th Scientific Sessions

Manuscript Reviewer:

Diabetes Care

Diabetologia

Diabetes

Journal of Nutrition Education and Behavior

Journal of Developmental Origins of Disease

Pediatric Obesity

Journal of Adolescent Health

Maternal Child Health Nutrition

International Breastfeeding Journal

Diabetic Medicine

Obesity

International Journal of Child Health and Nutrition

European Journal of Pediatrics

Journal of Health Promotion Practice

Viral Immunology

International Journal of Obesity

JAMA Pediatrics

Journal of Maternal and Child Health

American Journal of Clinical Nutrition

American Journal of Epidemiology

American Journal of Obstetrics & Gynecology

Grant Reviewer:

2008 Colorado State Tobacco Education and Prevention Partnership

2008 Colorado Physical Activity and Nutrition Program

2015-16 Colorado Clinical & Translational Sciences Institute (CCTSI) Maternal and Child Health Pilot Grant

2015 Health Services Research Development Grant, CU-AMC

2016 Research Council United Kingdom – Medical Research Council

2016 Ohio University Research Committee

**INVITED LECTURES, PRESENTATIONS AND WORKSHOPS**

International/National:

2012 National Symposium on Milk and Lactation: Defining the Critical Questions

University of Colorado School of Medicine

Aurora, Colorado

January 18-20, 2012

Session: Breastfeeding and the At-Risk Neonate

Title: “Early life programming for obesity and the impact of breastfeeding”

2014 American Diabetes Association 74th Scientific Sessions

San Francisco, California

June 13-17, 2014

Session: Longer-term Consequences of Gestational Diabetes on Offspring

Title: “Obesity in offspring of diabetic mothers and the impact of breastfeeding”

2017 International Diabetes Foundation 2017 Congress

Abu Dhabi, United Arabs Emirates

December 4-8, 2017

Symposium: “Offspring of women with diabetes”

Title: “Obesity and metabolic syndrome in offspring of women with diabetes”

State/Local:

2010 Colorado Department of Public Health and Environment

Denver, CO

March 21, 2011

“Obesity, diabetes and pregnancy: the short and long-term consequences for women and their offspring”

2011 Perinatal Research Center Seminar Series

Department of Pediatrics, SOM, University of Colorado Anschutz Medical Center

Aurora, CO

October 12, 2011

“Epidemiological evidence of fetal programming”

2011 Program in Reproductive Sciences Lecture

Reproductive Sciences Graduate Program

University of Colorado Anschutz Medical Center

Aurora, CO

November 1, 2011

“The consequences of fetal over-nutrition and early infant diet on offspring growth and adiposity”

2014 Tobacco Education, Prevention and Cessation Grant Program Review Committee

Colorado Department of Public Health and Environment

Denver, CO

May 6, 2014

Title: “Secondary analysis of evaluation of the Baby and Me Tobacco Free program 2008-13”

2014 Pediatric Nutrition Seminar Series

Department of Pediatrics, SOM, University of Colorado Anschutz Medical Center

Aurora, CO

February 13, 2014

“The long-term impact of postnatal diet on growth patterns and body composition”

2015 Tobacco Education, Prevention and Cessation Grant Program Review Committee

Colorado Department of Public Health and Environment

Denver, CO

June 19, 2015

Title: “Impact of a prenatal smoking cessation program targeting low-income women in Colorado”

**TEACHING RECORD**

Educational Leadership

2013- Co-Director, Doctor of Philosophy (PhD) and Masters of Science (MS) Program in

Epidemiology

In this role, I oversee curriculum, admissions, advising, weekly epidemiology discussion group, developed research assistantship policy to support PhD and MS students

Training Grants:

July 2013-June 2016 U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA). Advanced Nursing Education Grants: “Developing Doctorate of Nursing Practice Public Health Nurse Leaders.”

HRSA DHHS D09HP25935

Role: CSPH Co-Lead

Curriculum Development/Innovation:

2012-13 Master’s in Public Health, Maternal Child Health (MCH) concentration

Developed a course of study for the MPH in MCH at the CSPH

2017- Medical Scientist Training Program (MD, PhD in Epidemiology)

Developed a course of study for physician-scientist training at the CU SOM and

CSPH

Course Development/Innovation:

2013 EPID6644 (Maternal and Child Health Epidemiology)

Developed a novel problem-based learning curriculum for maternal child health epidemiology

2011 EPID6630 (Introduction to Epidemiology)

Adapted an existing course to an online format

Course Director/Instructor:

2011 (Fall) Graduate Instructor, EPID6630, “Introduction to Epidemiology”. CSPH-

AMC, 3 credits, 132 students

2012 (Summer) Course Director, EPID6630, “Introduction to Epidemiology”.

CSPH-AMC, 3 credits, 45 students

2014 (Spring) Course Director, EPID6630, “Introduction to Epidemiology”.

CSPH-AMC, 3 credits, 91 students

2014 (Fall) Course Director, EPID6644 “Maternal Child Health

Epidemiology”.

CSPH, AMC, 3 credits, 22 students

2015 (Spring) Course Director, EPID6630, “Introduction to Epidemiology”.

CSPH-AMC, 3 credits, 111 students

2015 (Fall) Course Director, EPID6644 “Maternal Child Health

Epidemiology”.

CSPH, AMC, 3 credits, 15 students

2016 (Spring) Course Director, EPID6630, “Introduction to Epidemiology”.

CSPH-AMC, 3 credits, 100 students

2016 (Fall) Course Director, EPID6644 “Maternal Child Health

Epidemiology”.

CSPH, AMC, 3 credits, 10 students

2017 (Spring) Course Director, EPID6630, “Introduction to Epidemiology”.

CSPH-AMC, 3 credits, 100 students

Independent Study Director:

2013 (Fall) Maternal Child Health Epidemiology, EPID6644. CSPH-AMC, 3 credits. 2

students.

Description: Analyzed public health data to prioritize MCH programs for Boulder County Public Health

2016 (Fall and Spring) Epidemiologic Field Methods, EPID7911. CSPH-AMC, 3 credits. 1 student: Katherine Zielger

Description: Colorado Multiple Institutional Review Board Protocol Development.

Small Group Leader/Instructor:

2011 (Spring) Teaching assistant and small group leader, EPID6630, “Introduction to

Epidemiology” CSPH-AMC

2011-17 (Fall) Small group leader, Molecules to Medicine (M2M) Bench to Bedside,

Biostatistics/Epidemiology. Medical School-AMC

Professional Education, Seminars and Workshops:

2007 American Evaluation Association

Baltimore, Maryland

November 9, 2007

Session Title: Quantitative Methods Skill Building Workshops

“Why be Normal? Nonparametric Methods for Program Evaluation Data”

Role: Developed and delivered workshop

2008 American Evaluation Association

Denver, CO

November 6, 2008

Session Title: Quantitative Methods Skill Building Workshops

“Linear and Logistic Regression for Program Evaluation”

Role: Developed and delivered workshop

2011 Project TEACH

Center for Public Health Practice

Southwestern Area Health Education Center

Durango, CO

October 6-8, 2011

“Logic Models for Program Evaluation”

Role: Developed and delivered training

2011 How to Practice Evidence-Based Health Care

12th Annual Rocky Mountain Workshop

Vail, CO

August 1-5, 2011

Role: Faculty mentor for local public health

2014 Amendment 35 Regional Grant Writing Trainings

Center for Public Health Practice

Colorado School of Public Health

March 23, 2014

“Program Evaluation”

Role: Developed and delivered training

Graduate Student Advisor/Mentor:

*MPH Academic Advisor*

2011 Lynn Wagner

2011-12 Susan Calcaterra

2011-12 Isobelle Galeon

2011-13 Breanna Flynn

2012-13 Kaylee Booker

2012-13 Ashlee Cerda

2014-15 Briana Coles

2014-15 Alexandra Contreras

2015-16 Natalie Gayou

2016-17 Samantha Hoss

2016-17 Rachel Sawaya

*MPH Capstone Preceptor*

2016 Gebreala Berhe

2017 Rachel Wolff

*MS Academic Advisor*

2013-14Eric Grimm

2013-15 Mathew Gracey

2013-15 Julie Rodriguez

2013-15 Sarah Schrock

2014-16 Leslee Warren

2015- Alexandra Smith

2015- Natasha Kureshi

2015-16 Christian Dide Agossou

2016- Robert Chado

*MS Master Project Examination Committee Member*

2013-14 Kathleen Waugh (Epidemiology) MS in Epidemiology received 2014

“Perinatal factors and childhood adiposity”

2013-2015 Julie Rodriguez (Epidemiology) MS in Epidemiology received 2015

“Associations between physical activity, neighborhood built environment features, and social capital in the rural setting of Colorado’s San Luis Valley”

2017- Natasha Kureshi, MS in Epidemiology planned for 2017

“The relationship between amino acid and lipid metabolites and islet autoimmunity”

*PhD Academic Advisor*

2013- Sophia Newcomer

2013- Lauren Pierpoint

2013- Katherine Burgess

2013- Nicole Richmond

2013-17 Erin Martinez

2013- Maggie Stanislawski

2014- Dustin Currie

2014- Lindsey Duca

2014- Katelyn Hall

2014- Danielle Ostendorf

2014-17 Talia Brown

2014- Evan Carey

2014-17 Christine Hockett

2016- Kristen Polinski

2016- Amena Keshawarz

2016- Katherine Sabourin

2016- Randi Johnson

*PhD Dissertation Mentor*

2015-present Lindsey Duca (Epidemiology)

“Congenital heart defects in adolescents and adults”

*PhD Dissertation Committee Chair*

2014- Evan Carey (Epidemiology)

“Chronic pain and opiate use among US veterans”

2014-2017 Christine Hockett (Epidemiology) PhD received 2017

“The influence of pubertal timing on the development of

cardiometabolic disease in youth exposed to maternal diabetes *in utero*”

2017- Lauren Pierpoint (Epidemiology)

“The role of intrinsic and extrinsic factors on injury patterns among recreational skiers and snowboarders at a Colorado ski resort”

2017- Nicole Richmond (Epidemiology)

*PhD Dissertation Committee Member*

2013-2014 Brittni Fredrickson (Epidemiology) PhD received 2014

“Age-related heterogeneity in the onset of islet autoimmunity”

**RESEARCH RECORD**

Active Grants:

**Surveillance of Congenital Heart Defects (CHD) Across the Lifespan**

9/30/15 – 9/29/2019 Principal Investigator

CDC NU50DD004935-01(Crume)

Total direct costs (4 years) $1,800,000 Percent effort = 10%

This project will develop a population-based surveillance system for CHD among adolescents and adults in Colorado to quantify and assess the burden of CHDs. Expected outcomes include characterization of health outcomes, patterns of health care usages and long-term outcomes including survival and life expectancy for adolescents and adults with CHDs in Colorado.

**SEARCH Nutrition Ancillary Study 2**

6/1/14 – 3/31/18 Site Principal Investigator

NIDDK 2RO1 DK077949-05 (Mayer-Davis)

Total direct costs (4 years) $739,656 Percent effort = 25%

SNAS2 examines the influence of nutrition (both early life and childhood) among youth the diabetes on the development of chronic complications of diabetes, markers of CVD, the prevalence and severity of diabetic retinopathy and the prevalence severity and progression of diabetic kidney disease within SEARCH participants with type 1 and type 2 diabetes.

**Baby and Me Tobacco Free Impact Study**

7/1/2015 – 6/30/2018 Principal Investigator

Rocky Mountain Health Plans Foundation 15 FLA 67798 (Crume)

Total direct costs (3 years) $178,863 Percent effort = 10%

An impact study of an extended statewide implementation of a pre- and post-natal smoking cessation program designed to improve quit rates, infant outcomes and maternal delivery complications.

Completed Grants:

**Air Pollution, Subclinical CVD and Inflammatory Markers in the SEARCH Cohort**

9/27/2011-6/30/2015 Co-Investigator

NIEHS R01ES019168 (Pruett)

Total direct costs (4 years) $40,128 Percent effort = 3%

This ancillary study of the SEARCH study that explores the role of ambient air pollution in geographically distinct areas in the United States on inflammatory markers and measures of cardiovascular function in youth with type 1 diabetes.

**Exploring the Fuel-Mediated Programming of Neonatal Growth (Healthy Start I)**

8/1/2009-7/31/2014 Co-Investigator

NIDDK R01DK076648 (Dabelea)

Total direct costs (5 years) $3,485,505 Percent effort = 15%

A pre-birth prospective cohort study enrolling 1400 pregnancy women to explore the relationships between maternal obesity, nutrition, intra-partum fuels, and insulin resistance on neonatal body size and fatness.

**SEARCH Nutrition Ancillary Study 1**

4/1/2008 – 3/31/2013 Co-Investigator

NIDDK R01DK077949 (Mayer-Davis)

Total direct costs (5 years) $3,302,805 Percent effort = 5%

The overall goal of the SEARCH Nutrition Ancillary Study (SNAS) is to examine associations of nutritional factors with 1) the progression of insulin secretion defects, and 2) the presence of CVD risk factors in youth with T1DM. These two aspects of the metabolic status of youth with T1DM are key determinants of long-term risk for serious complications of diabetes mellitus.

**Exploring the Fetal Origins Hypothesis in Diverse Youth 1**

7/3/2005-6/30/2009 Co-Investigator

NIDDK R01 DK068001 (Dabelea)

Total direct costs (5 years) $2,584,185 Percent effort = 20%

A retrospective cohort study of the long-term consequences of in utero exposure to maternal diabetes on childhood obesity phenotypes.

**SEARCH for Diabetes in Youth3, Colorado Center**

9/30/2010-9/29/2015 Co-Investigator

CDC U18DP003256 (Dabelea)

Total direct costs (5 years) $2,448,025 Percent effort = 10%

This study is one of five centers designated by CDC to conduct surveillance of childhood diabetes. Aims include assessing trends in the incidence of diabetes by type, race/ethnicity, and sex, and conducting longitudinal follow-up to understand the metabolic, behavioral and socio-economic determinants of sub-clinical chronic diabetes complications.

**Evaluation Outcomes of the State Tobacco Ed. Prevention Partnership (STEPP)**

9/1/13-6/30/15 Principal Investigator

CDPHE FLA 13-49163 (Crume)

Total direct costs (2 years) $128,442 Percent effort = 12%

An impact study prenatal smoking cessation program for low-income women in Colorado designed to improve pre- and postnatal quit rates, neonatal and maternal delivery outcomes.

Pending Grants (currently in review in study section):

**The Influence of *In Utero* Cannabis Exposure on Neonatal Brain Morphology and Microstructure**

4/1/2018 – 3/31/2020 Co-Principal Investigator NIDA R21 (Crume, Kim)

Total direct costs (2 years) $275,000 Percent effort requested = 15%

A high-risk, high-reward pilot study to quantify the impact of *in utero* cannabis exposure on neonate brain morphology and microstructure in the prefrontal region.

**BIBLIOGRAPHY**

*Publications in Refereed Journals (\*publications with a student or trainee)*

1. **Crume TL**, DiGuiseppi C, Byers T, Sirotnak AP, Garrett CJ. Underascertainment of child maltreatment fatalities by death certificates, 1990-1998. *Pediatrics* 110(2 Pt 1):w18, 2002.
2. Buller DJ, Foder J, **Crume TL**. The Emperor is Still Undressed. *Trends Cogn Sci.* 9(11):508-10. 2005.
3. Varma JK, Marcus R, Stenzel SA, Hanna SS, Gettner S, Anderson BJ, Hayes T, Shiferaw B, **Crume TL**, Joyce K, Fullerton KE, Voetsch AC, Angulo FJ. Highly resistant Salmonella Newport-MDRAmpC transmitted through the domestic US food supply: a FoodNet case-control study of sporadic Salmonella Newport infections, 2002-2003*. J Infect Dis.* 194(2):222-30. 2006.
4. Marcus R, Varma JK, Medus C, Boothe EJ, Anderson BJ, **Crume T**, Fullerton KE, Moore MR, White PL, Lyszkowicz E, Voetsch AC, Angulo FJ; for the Emerging Infections Program FoodNet Working Group. Reassessment of risk factors for sporadic Salmonella serotype Enteritidis infections: a case-control study in five FoodNet Sites, 2002-2003. *Epidemiol Infect.* 135(1):84-92. 2006.
5. West NA, **Crume TL**, Maligie MA, Dabelea D. Cardiovascular risk factors in children exposed to maternal diabetes in utero. *Diabetologia* 54:504-7. 2010.
6. **Crume TL,** Ogden L, West NA, Vehik KS, Scherzinger A, Daniels S, McDuffie R, Bischoff K, Hamman RF, Norris JM, Dabelea D. Association of exposure to diabetes *in utero* with adiposity and fat distribution in a multi-ethnic population of youth: the EPOCH study. *Diabetologia* 54(1):87-92. 2010.
7. **Crume TL**, Ogden L, Daniels S, Hamman RF, Norris JM, Dabelea D. The impact of *in utero* exposure to diabetes on childhood body mass index growth trajectories: the EPOCH study. *J Pediatr*. 158:941-6. 2011. (Accompanying Editorial)
8. **Crume TL**, Ogden L, West NA, Maligie MB, Sheffield S, Bischoff K, McDuffie R, Daniels S, Hamman RF, Norris JM, Dabelea D. Long-term impact of neonatal breastfeeding on childhood adiposity and fat distribution among children exposed to diabetes *in utero*. *Diabetes Care* 34:641-5. 2011. (Accompanying Editorial)
9. Dabelea, D, **Crume, TL.** Maternal environment and the transgenerational cycle of obesity and diabetes. *Diabetes* 60: 1849-55. 2011
10. Jaiswal M, **Crume T**, Vehik K, Scherzinger A, Stamm, Hamman RF, Dabelea D. Is low birth weight associated with adiposity in contemporary U.S. Youth? The EPOCH Study. *J Dev Org Health Disease* 3:166-172. 2012.
11. Neville MC, Anderson SM, McManaman JL, Badger TM, Bunik M, Contractor N, **Crume T**, Dabelea D, Donovan SM, Forman N, Frank DN, Friedman JE, German JB, et al. Lactation and neonatal nutrition: defining and refining the critical questions. *J Mammary Gland Biol Neoplasia.* 17:167-88. 2012
12. Brumbaugh DE, **Crume TL**, Nadeau K, Scherzinger A, Dabelea D. Intramyocellular lipid is associated with visceral adiposity, markers of insulin resistance and cardiovascular risk in prepubertal children: The EPOCH Study. *J Clin Endocrinol Metab* 97(7):E1099-105. 2012.
13. **Crume TL**, Bahr TM, Mayer-Davis EJ, Hamman RF, Scherzinger AL, Stamm E, Dabelea D. Breastfeeding selectively protects against extremes in childhood body size, abdominal fat deposition and fat patterning. *Arch Pediatr Adolesc Med.* 166:437-443. 2012.
14. **Crume TL**, Ogden L, Mayer-Davis, EJ, Hamman RF, Norris JM, Bischoff KJ, McDuffie R, Dabelea D. The impact of neonatal breastfeeding on growth trajectories of youth exposed and unexposed to diabetes *in utero*: the EPOCH study.  *IJO*. 36:529-34. 2012.
15. Maligie M, **Crume T**, Scherzinger A, Stamm E, Dabelea D. Adiposity, fat patterning and the metabolic syndrome among diverse youth: the EPOCH study. *J Peds.* 161:875-80. 2012
16. Hilliard ME, Lawrence JM, Modi AC, Anderson A, **Crume T**, Dolan LM, Merchant AT, Yi-Frazier JP, Hood KK; for the SEARCH for Diabetes in Youth Study Group. Identification of minimally clinically important difference scores of the Pediatric Quality of Life Inventory in children, adolescents, and young adults with type 1 and type 2 diabetes. *Diabetes Care*. 36:1891-7. 2013.
17. Mayer-Davis EJ, Dabelea D, Crandell JL, **Crume T**, D’Agostino RB Jr, Dolan L, King IB, Lawrence JM, Norris JM, Pihoker C. Nutritional factors and preservation of C-peptide in youth with recently diagnosed type 1 diabetes: SEARCH Nutritional Ancillary Study. *Diabetes Care*. 36:1842-50. 2013.
18. **Crume TL**, Andrews JS, D'Agostino RB, Pettitt DJ, Mayer-Davis EJ, Law JR, Dolan L, Lawrence JM, Saydah S, Greenbaum C, Rodriguez BL, Dabelea D. The influence of exposure to maternal diabetes in utero on the rate of beta-cell function among youth with diabetes. *J Pediatr Endocrinol Metab*. 26:721-7. 2013.
19. Mayer-Davis EJ, Dabelea D, Crandell JL, **Crume TL**, D’Agostino RB Jr, Dolan L, King IB, Lawrence JM, Norris JM, Pihoker C, The N. Nutritional Factors and preservation of C-peptide in youth with recently diagnosed type 1 diabetes: SEARCH Nutrition Ancillary Study. *Diabetes Care.* 36:1842-50. 2013.
20. **Crume TL**, Scherzinger A, Stamm E, McDuffie R, Bischoff KJ, Hamman RF, Dabelea D. The long-term impact of intrauterine growth restriction in a diverse U.S. cohort of children: the EPOCH study. *Obesity*. 22:608-15. 2014.
21. Dabelea D, Mayer-Davis EJ, Saydah S, Imperatore G, Linder B, Divers J, Bell R, Badaru A, Talton JW, **Crume TL**, Liese AD, Merchant AT, Lawrence JM, Reynold K, Dolan L, Liu LL, Hamman RF, SEARCH for Diabetes in Youth Study. Prevalence of type 1 and type 2 diabetes among children and adolescents from 2001-2009.  *JAMA* 311:1778-86. 2014.
22. Kaar JL, Brinton JT, **Crume T**, Hamman RF, Glueck DH, Dabelea D. Leptin levels at birth and infant growth: the EPOCH Study. *J Dev Orig Health Dis*. 5:214-8. 2014.
23. **Crume TL**, Crandell J, Norris JM, Dabelea D, Fangman MT, Pettitt DJ, Dolan L, Rodriguez BL, O’Connor R, Mayer-Davis EJ. Timing of complementary food introduction and age at diagnosis of type 1 diabetes: the SEARCH Nutrition Ancillary Study (SNAS). *EJCN.* 68:1258-60. 2014.
24. Kaar JL, **Crume TL**, Brinton JT, Bichoff KJ, McDuffie R, Dabelea D. Maternal obesity, gestationtional weight gain, and offspring adiposity: the exploring perinatal outcomes in child study. *J Pediatr.* 165(3). 2014.
25. Frederiksen, BN, Kroehl M, Baron A, Lamb M, **Crume TL**, Sontag MK, Rewers M, Norris JM. Assessing age-related etiologic heterogeneity in the onset of islet autoimmunity. *BioMed Research International.* Article ID 708289. 2014
26. Li C, Beech B, **Crume T**, D'Agostino RB Jr, Dabelea D, Kaar JL, Liese AD, Mayer-Davis EJ, Pate R, Pettitt DJ, Taplin C, Rodriguez B, Merchant AT. Longitudinal association between television watching and computer use and risk markers in diabetes in the SEARCH for Diabetes in Youth Study. *Pediatr Diabetes.*  16(5):382-91. 2014
27. **Crume TL**, Shapiro AL, Brinton JT, Glueck DH, Martinez M, Kohn M, \*Harrod C, Friedman JE, Dabelea D. [Maternal Fuels and Metabolic Measures during Pregnancy and Neonatal Body Composition: The Healthy Start Study.](http://www.ncbi.nlm.nih.gov/pubmed/25574704) *JCEM.* 100(4):1679-80. 2015
28. Shapiro, AL, Schmiege SJ, Brinton JT, Glueck D, **Crume TL**, Friedman JE, Dabelea D. Testing the fuel-mediated hypothesis: maternal insulin resistance and glucose mediate the association between maternal and neonatal adiposity, the Healthy Start Study. *Diabetologia.* 58(5): 937-41. 2015
29. Law JR, Stafford JM, D’Agostino RB Jr, Badaru A, **Crume TL**, Dabelea D, Dolan LM, Lawrence JM, Pettitt DJ, Mayer-Davis EJ. Association of parental history of diabetes with cardiovascular disease risk factors in children with type 2 diabetes. *J Diabetes Complications.* 29(4):534-9. 2015
30. Liese AD, Crandell JL, Tooze JA, Kipnis V, Bell R, Couch SC, Dabelea D, **Crume TL**, Mayer-Davis EJ. Sugar-sweetened beverage intake and cardiovascular risk factor profile in youth with type 1 diabetes: application of measurement error methodology in the SEARCH Nutrition Ancillary Study. *Br J Nutr.* 114(3): 430-8. 2015
31. \*Calcaterra SL, Keniston A, Blum J, **Crume T**, Binswanger IA. The association between stimulant, opioid and multiple drug use on behavioral health care utilization in a safety-net health system. *Subst Abuse.* 36(4):407-12. 2015
32. The NS, Shay C, Lamichhane AP, **Crume T**, Crandell JL, Wang S, Dabelea D, Lawrence JM, Mayer-Davis EJ. Association between breastfeeding and insulin sensitivity among young people with Type 1 and Type 2 diabetes: the SEARCH Nutrition Ancillary Study. *Diab Med.* 33(10):1452-5. 2016
33. Shapiro AL, Kaar JL, **Crume TL**, Starling AP, Siega-Riz AM, Ringham BM, Glueck DH, Norris JM, Barbour LA, Friedman JJ, Dabelea D. Maternal diet quality in pregnancy and neonatal adiposity: the healthy start study. *In J Obes.* 40(7):1056-62. 2016
34. **Crume TL**, Hamman RF, Isom S, Talton J, Divers J, Mayers-Davis EJ, Zhong VW, Liese AD, Saydah S, Standiford DA, Lawrence JM, Pihoker C, Dabelea D; SEARCH for Diabetes in Youth Group. Factors influencing time to case registration for youth with type 1 and type 2 diabetes: SEARCH for Diabetes in Youth Study. *Ann Epidemiol.* 26(9):631-7. 2016
35. **Crume TL**, Brinton JL, Shapiro A, Kaar J, Glueck DH, Siega-Riz M, Dabelea D. Maternal dietary intake during pregnancy and offspring body composition: The Healthy Start Study. *Am J Obstet Gynecol.* 215(5): 609.e1-609.e8. doi: 10.1016/j.ajog.2016.06.035. 2016
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