

Date of Preparation: 09/13/2019



Signature

April Marie Idalski Carcone, PH.D., M.S.W.
Research (non-tenure) Track

Office: 6135 Woodward Ave
IBio Behavioral Sciences, #1120
Detroit, MI 48202

Telephone: 313-577-1057
Fax: 313-972-8024
E-mail: acarcone@med.wayne.edu

EDUCATION

Graduate

Ph.D. in Social Work Wayne State University, Detroit, MI	2010
M.S.W. in Social Policy and Program Evaluation with Children and Youth University of Michigan, Ann Arbor, MI	2000

Baccalaureate

B.A. in Sociology with a Certificate in Social Inequality University of Michigan, Ann Arbor, MI	1997
--	------

FACULTY APPOINTMENTS

Associate Professor (Research Track), Behavioral Health Sciences, Department of Family Medicine and Public Health, Wayne State University, School of Medicine	2018- present
Assistant Professor (Research Track), Behavioral Health Sciences, Department of Family Medicine and Public Health, Wayne State University, School of Medicine	2016-2018
Assistant Professor (Research Track), Pediatric Prevention Research Center, Department of Pediatrics, Wayne State University, School of Medicine	2010-2016
Adjunct Faculty, Wayne State University, School of Social Work	2010-present

MAJOR PROFESSIONAL SOCIETIES

American Academy on Communication in Health Care

Society for Behavioral Medicine

Behavioral Informatics and Technology Special Interest Group

Child and Family Special Interest Group

Diabetes Special Interest Group

Obesity and Eating Disorders Special Interest Group

PROFESSIONAL ORGANIZATIONS

Detroit Urban Research Center's Community-Academic Research Network (CAR-Net) 2017-present

Population Sciences and Disparities Program, Karmanos Cancer Institute, Wayne State University, Detroit, MI 2015-present

HONORS/AWARDS

Wayne State University School of Medicine Teaching Award Recipient 2019

Wayne State University School of Medicine Research Excellence Award Nominee 2019

Society of Behavioral Medicine Abstract Citation Award 2019
"Developing a Computer Algorithm to Automate Behavioral Coding and Analysis of Clinical Transcripts" was selected and recognized by the Society of Behavioral Medicine's 40th Annual Meeting and Scientific Sessions reviewers and Program Committee as an excellent overall abstract submission.

Wayne State University School of Medicine Teaching Award Nominee 2018

Loan Repayment Program in Health Disparities 2011-2014
 National Institutes of Health
Competitive student loan repayment program for highly qualified health biomedical or biobehavioral researchers. 39% acceptance rate.

SERVICE

Wayne State University

Departmental/Divisional

Admissions Committee Representative, Department of Family Medicine and Public Health Sciences Master of Public Health Preview Day Feb 2019

Co-Chair, Department of Family Medicine and Public Health Sciences Research Day Planning Committee 2019

<i>Member</i> , Department of Family Medicine and Public Health Sciences Search Committee, Behavioral Sciences and/or Health Disparities, 2 positions	2018-9
<i>Report to Faculty</i> , Division of Behavioral Sciences, Department of Family Medicine and Public Health Sciences, NIH Forms E Update	2018
<i>Interviewer</i> , Department of Family Medicine and Public Health Sciences Search Committee, Environmental Health (3 Candidates)	2017
<i>Chair</i>	2019-present
<i>Member, Admissions Committee, Masters' of Public Health Program</i> , Department of Family Medicine and Public Health Sciences <i>Co-developed an admissions scorecard to improve holistic review of applicants, analyzed the performance of the scorecard in predicting MPH program performance, and reported these findings to the MPH faculty (Nov 2017)</i>	2016-2019
<i>Peer Teaching Evaluator</i> , Department of Family Medicine and Public Health Sciences <i>Observed teaching activities and provided two peers with feedback (K MacDonell, PhD; B Wang, PhD)</i>	2016

School of Medicine

<i>Panel Member</i> , Professional and Academic Development (PAD) Seminar Series: Promotion & Tenure	Jan 2019
<i>Panel Member</i> , Women in Medical Sciences Seminar: Work-Life Balance	2014
<i>Panel Member</i> , Professional and Academic Development (PAD) Seminar Series: How to Prepare a Proposal for NIH Loan Repayment	2012

University

<i>Panel Member</i> , College of Nursing, NIH Grant Pre-Submission Review Panel	May 2018
<i>Faculty Mentor</i> , Graduate Writing Retreat hosted by the Office of Teaching and Learning	Jan 2018
<i>Interviewer</i> , Department of Sociology Search Committee, Epidemiology (2 Candidates)	2017
<i>Interviewer</i> , IBio Search Committee (4 Candidates)	2016
<i>Logistics Planning Committee</i> , Researchers of Biobehavioral Health in Urban Settings Today (RoBUST)	2015
<i>Faculty Liaison</i> , Diabetes Education Wellness (DEW) Student-Run Clinic	2011

Professional

<i>Loan Repayment Program Ambassador</i> , National Institutes of Health Loan Repayment Program	2015-present
<i>Qualitative Data Analysis Consultation</i> , Henry Ford Health System (G Alexander, PhD)	2016
<i>Judge</i> , Wayne State University, Michigan State University, and Detroit Medical Center, Annual Pediatric Research Day <i>Reviewed and rated 7 poster presentations</i>	2015

Community

<i>Judge</i> , 24 th Annual Michigan Science and Engineering Fair, hosted by Kettering University, Flint, MI	Apr 2018
<i>Workshop Presentation</i> , From “Me” to “We”: A review of the newest programs to improve diabetes management. 9th Annual TypeOneNation Summit, Metro Detroit & Southeast Michigan Chapter of JDRF, Romulus, MI	2016

Scholarly Service**Grant Review Committees**

<i>Scientist Reviewer (telephone)</i> , Department of Defense Congressionally Directed Medical Research Programs (CDMRP) 2019 Peer Reviewed Medical Research Program on the Discovery - Diabetes - 2 (DIS-DIA-2) panel	Jun 2019
<i>Scientific Review Panel Member (telephone)</i> , National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel ZDK1 GRB-9 O4 1, NIDDK Ancillary Studies	Mar 2019
<i>Scientific Review Panel Member (invited, but unavailable)</i> , National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Special Emphasis Panel ZDK1 GRB-3 O2, NIDDK Ancillary Studies	Jul 2018
<i>Scientific Review Panel Member (telephone)</i> , National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel ZDK1 GRB-9 O4 1, NIDDK Ancillary Studies	2017

Service for Peer-Reviewed Journals (ad hoc reviewer)

Preventive Medicine	2019
Journal of Behavioral Medicine	2018
Childhood Obesity	2017
Communication Research Reports	2017
Health Psychology	2017-present

Journal of Clinical Psychology in Medical Settings	2017
Western Journal of Nursing Research	2017-present
Children's Health Care	2016
Health Education Research	2016
Pediatric Diabetes	2016-present
Journal of Endocrinology and Diabetes Research	2015
Journal of Multidisciplinary Healthcare	2015
Journal of the American Board of Family Medicine	2015
Neuropsychiatric Disease and Treatment	2015
Obesity & Control Therapies: Open Access	2015
International Journal of Behavioral Nutrition and Physical Activity	2014-present
Journal of Medical Internet Research	2014-present
Youth & Society	2014-present
Child: Care, Health & Development	2014
Health Psychology and Behavioral Medicine	2014
Journal of Community Practice	2014
Journal of Developmental and Behavioral Pediatrics	2013-present
Psychological Assessment	2013
Sage Publications	2013
Journal of Pediatrics	2012-present
Journal of Pediatric Psychology	2011
Health Education	2010

Other Service

Member, Society of Behavioral Medicine, Behavioral Informatics and Technology Special Interest Group, Travel Award Sub-Committee
This newly formed sub-committee developed the policy and procedures for the travel award program. 2019

Abstract Reviewer, Society of Behavioral Medicine, Child and Family Special Interest Group, Award Selection Committee for Annual Scientific Meeting
Reviewed and rated 6 abstracts 2019

Abstract Reviewer, Society of Behavioral Medicine, Behavioral Informatics and Technology Special Interest Group, Award Selection Committee for Annual Scientific Meeting
Reviewed and ranked 30 abstracts 2019

<i>Abstract Reviewer, American Medical Informatics Association (AMIA), Reviewed and rated abstracts</i>	2019 (n=4) 2018 (n=4) 2017 (n=8)
<i>Abstract Reviewer, Society of Behavioral Medicine, Child and Family Special Interest Group, Annual Scientific Meeting Reviewed and rated 16 abstracts</i>	2016
<i>Abstract Reviewer, Society of Behavioral Medicine, Obesity and Eating Disorders Special Interest Group, Annual Scientific Meeting Reviewed and rated 9 abstracts</i>	2016
<i>Abstract Reviewer, Society of Behavioral Medicine, Annual Scientific Meeting Review and rate 8-12 abstracts annually</i>	2013-present

TEACHING

Teaching at Wayne State University

Undergraduate students

<i>PSY 4998 Senior Thesis (3 credits / 1 semesters)</i>	Win 2016
<i>PSY 4990 Directed Study (3 credits / 2 semesters), Mentor to Mary Sabbagh</i>	Fall 2015
<i>SW 4810 Research Methods, Data Analysis, and Practice Evaluation II (3 credits), Instructor</i>	Fall 2011 Fall 2010

Graduate students

<i>Academic Advisor, Masters' of Public Health Program, Department of Family Medicine and Public Health Sciences, 9 advisees</i>	2017- present
<i>FPH 7990 Directed Study (3 credits), Mentor to Ameesha Vadodaria</i>	Fall 2019
<i>FPH7230 Health Program Evaluation (3 credits), Instructor</i>	Fall 2019 Fall 2018 Fall 2017
<i>FPH8990 Master's Project, Independent Reader (1 student/semester)</i>	Winter 2018 Spr/Sum 2018 Spr/Sum 2017
<i>FPH7230 Health Program Evaluation, Guest Speaker</i>	Fall 2016
<i>FPH7460, Linear Mixed Models, Commentator for Student Presentations</i>	Fall 2016
<i>SW7830 Research Methods II (3 credits), Instructor</i>	2013-2014
<i>SW7810 Using and Conducting Research in Social Work (2 credits), Instructor</i>	Spr 2010

SW6991 Adolescence, Emerging Adulthood, and Positive Youth Development Win 2009
(3 credits), Instructional Assistant

Residents/Fellows

Team Science Panel Member, Team Science Scholars Program 2017

Conceptualizing and Operationalizing Research Questions, Pediatric Fellowship Program Research Methodology Seminar, Lecturer Oct 2012

Teaching at Other colleges/universities

Graduate students

SW522 Basic Social Work Research (3 credits), School of Social Work, University of Michigan, Ann Arbor, MI, Teaching Assistant Spr 2002
Win 2001

Mentorship at Wayne State University

Meghna Shukla, PhD Student, Research Mentor 05/19-present

Ms. Shukla is completing a directed study and research residency in the Division of Behavioral Sciences on a NIH project with Dr. Ellis and myself. I am mentoring her in qualitative research methods.

Yasir Mehmood, Undergraduate, Research Mentor 08/19-present

Lauren McKenzie, BUILD Program, Undergraduate Student 05/19-08/19

Habeba Elmadawy, BS student in Public Health, Research Mentor 10/18-08/19

Ms. Elmadawy authored two abstracts submitted to local research conferences. She earned the first place poster prize at Medical Equity's 3rd Annual Health Disparities Research Conference taking place in Detroit, MI on April 14, 2019. She also presented at the Wayne State University Department of Family Medicine and Public Health Sciences Annual Research Day.

Payton Daugherty, MSW/MPH student, Academic Advisor 07/18-

Julie Lowenthal, MSW/MPH student, Academic Advisor 07/18-

Alec Sullivan, MSW/MPH student, Academic Advisor 07/18-12/18

Seyram Butame, PhD, Postdoctoral Co-Mentor 06/18-

Dr. Butame served in several capacities on the Exploration-Preparation-Implementation-Sustainment (EPIS) Study, including a qualitative coder, qualitative quality improvement, and quantitative data analyst. He has given multiple presentations of this work and has a manuscript in development.

Tanha Shah, MD student, Research Mentor 06/18-04/19

Anjali Sundar, Undergraduate Medical Student <i>Ms. Sundar worked with an undergraduate student/ReBUILD scholar. In addition to helping the ReBUILD scholar prepare a presentation to fulfill that program's requirements, she took the initiative to prepare an abstract to prepare a second presentation of their collective work. This presentation was accepted and delivered at the 2019 WSU SOM Medical Student Research Symposium (MSRS) at which Ms. Sundar earned a second place prize in the Prospective & Retrospective Public Health Studies.</i>	05/18-01/19
Chinelo Njubigbo, REBUILD Program, Undergraduate Student <i>Harvard PH Internship</i>	05/18-08/18
Meriam Issa, MSW/BCGPH student, Academic Advisor	04/18-
Amanda Reed, MPH student, Academic Advisor	02/18-
LaDrea Ingram, PhD, Postdoctoral Co-Mentor <i>Dr. Ingram helped develop the initial qualitative coding framework for the Exploration-Preparation-Implementation-Sustainment (EPIS) Study.</i>	-
Rayyan Mirza, PhD student in Civil and Environmental Engineering, Research Mentor <i>I consulted with Mr. Mirza and his mentor, Dr. Zhang, on a quantitative survey design.</i>	11/17-02/18
Lyndsay Archer, Undergraduate, Research Mentor	10/17-04/19
Julian Puga, Undergraduate, Research Mentor	10/17-04/18
Sahil Bhatia, Graduate (MPH), Survey development consultation for MPH Practicum	10/17
Catherine Spencer, Post-Undergraduate, Research Mentor <i>Ms. Spencer departed her research volunteership to attend Mercer University School of Medicine in Macon, Georgia, in July 2018</i>	09/17-05/18
Aysha Muhith, MPH student, Academic Advisor	09/17-
Ameesha Vadodaria, MPH student, Academic Advisor	09/17-
Danielle Kassa, BGCPH student, Academic Advisor <i>Ms. Kassa is currently enrolled in the University of Detroit – Mercy's Physician's Assistant program.</i>	09/17-
Biomedical Career Advancement Program (BCAP), Research Mentor <i>Three Detroit Public High School students participated in a six-week immersive research internship culminating in a presentation delivered to their program peers and graduate student/faculty mentors. I led students in a framework matrix qualitative analysis of patient post-treatment interviews.</i>	07/17-08/17
Matthew Dong, High School Student, Research Mentor	06/17- 11/17
Matthew Rowley, Undergraduate, Research Mentor	05/17-08/17

Gordon Rumschlag, MPH Student, Research Mentor <i>Mr. Rumschlag co-authored an oral presentation delivered at the Department of Family Medicine & Public Health Sciences Research Day, April 2017, Wayne State University, Detroit, MI. He is currently the Science Manager of Manufacturing at Healthmark Industries.</i>	12/16-06/17
Shehla Asghar, Undergraduate, Research Mentor	10/16- 05/17
Kristin Lucas, Undergraduate, Research Mentor <i>Ms. Lucas is currently enrolled in the WSU MPH program and has applied for the Transformative Research in Urban Sustainability Training (T-RUST) Program.</i>	10/16-06/17
Jack Palmer, Undergraduate, Research Mentor <i>Mr. Palmer is currently enrolled in Michigan State University's College of Osteopathic Medicine.</i>	10/16-12/17
Hamzah Rehman, Post-Undergraduate, Research Mentor	10/16-05/17
Jamie Clark, Undergraduate Medical Student <i>Ms. Clark delivered an oral presentation at the 16th Annual Pediatric Research Day, March 2017, Wayne State University, Detroit, MI. This work has been developed into a manuscript that is currently under review with AIDS and Patient Care.</i>	09/16-05/18
Lydia Lanni, MD/MPH Student, Research Mentor with Dr. Towner	09/16-06/17
Ameen Masoodi, MD/MPH Student, Research Mentor with Dr. Towner	09/16-06/17
Erica Sageese, MA Student, Research Mentor <i>Ms. Sageese is currently a School Psychologist at Anchor Bay Schools.</i>	09/16-08/17
James Mallare, Undergraduate, Research Mentor	09/16-11/16
Rosalynn Green, High School, Grow Detroit's Young Talent Program, Employment Skills Mentor	06/16-07/16
Mawadah Samad, Post-Undergraduate, Research Mentor	05/16-10/16
Kafa Alshohatee, Post-Undergraduate, Research Mentor	05/16-09/16
Amrit Misra, MD, Resident at Children's Hospital of Michigan <i>Mr. Misra implemented a transitions rubric to facilitate the movement of patients with type 1 diabetes from pediatric into the adult medical care setting; this project was presented at Pediatrics Grand Rounds March 2017.</i>	02/16-03/16
Regina Wang, Undergraduate MD/MPH Student	01/16-10/16
Mary Sabbagh, Undergraduate Honors Psychology, Research Mentor <i>Ms. Sabbagh completed two semesters of directed study and one semester of thesis preparation while enrolled in the Psychology Honors program. She is currently a Patient Care Assistant at St. Mary Mercy Hospital.</i>	05/15-12/16
Alex Kaddis, Undergraduate, Research Mentor	05/15-12/15
Monica Prasad, Undergraduate Honors Engineering, Research Mentor	05/15-08/15
Brandon Dominiguez, Undergraduate Biology, Research Mentor	01/15-04/15

Sukinah Tarmookh, Undergraduate Psychology, Research Mentor	01/15-12/15
Alicia Stephen, Undergraduate Psychology, Research Mentor	01/15-12-15
Sarah Martinez, Undergraduate Honors Psychology, Research Mentor <i>Ms. Martinez delivered two poster presentations at the Annual Pediatric Research Day, March 2016, Grand Rapids, MI & 2017, Detroit, MI.</i>	12/14-07/15
Hassan Saleh, Undergraduate Honors Psychology, Research Mentor <i>Mr. Saleh delivered a poster presentation at the 2017 RoBUST Fall Symposium hosted by WSU. He is currently enrolled in the Master of Health Sciences program at Oakland University.</i>	09/14-04/16 09/16-present
Samantha Wiles, Undergraduate Honors Psychology, Research Mentor	06/14-10/14
Shreya Desai, Undergraduate Honors Psychology, Research Mentor <i>After spending two years in the Peace Corps (Africa), Ms. Desai enrolled in the Masters of Public Health program at the Johns Hopkins University Bloomberg School of Public Health. She is currently a Global Program Management Fellow at PHI/CDC Global Health Fellowship Program.</i>	09/13-05/15
Sabari Surendran, Undergraduate Honors Psychology, Research Mentor	09/13-12/13
Emily Glick, Undergraduate Nursing, Socio-behavior Training and Research (STaR) Program, Research Mentor <i>Ms. Glick delivered two poster presentations; one at the WSU College of Nursing Research Day, Detroit, MI and a second at the Children's Hospital of Michigan Nursing Conference; Grosse Pointe, MI.</i>	07/13-09/13
Megan Kucemba, Undergraduate Honors Psychology, Research Mentor <i>Ms. Kucemba went on to enroll in the WSU Master of Pharmacy program. She is currently a Staff Pharmacist at AllianceRx Walgreens Prime.</i>	09/12-06/14
Manpreet Mahal, Undergraduate Psychology, Research Mentor	09/12-05/13
Kyle Mann, Undergraduate Honors Psychology, Research Mentor	09/12-04/13
Brett Ankawi, Undergraduate Honors Psychology, Research Mentor <i>Mr. Ankawi is currently a PhD Student, Ohio University, Department of Psychology.</i>	05/11-12/11
Dixy Rajkumar, Undergraduate Honors Psychology, Research Mentor <i>Ms. Rajkumar is currently the Academic Research Project Manager at Saint Joseph Mercy Health System. Under my mentorship, she delivered oral presentations at the Michigan Family Medicine Research Day (May 2017) and the Wayne State University Department of Family Medicine & Public Health Sciences Research Day (April 2017). Previous accomplishments include completing her Psychology Honor's Thesis which she published in Health Psychology and Behavioral Medicine, 2015.</i>	01/11-09/12

Essays/Theses/Dissertations directed

- Md Mehedi Hasan, PhD in Computer Science Candidate, *Mining Patient-Provider Communication Sequences to Understand the Antecedents of Behavior Change* (Committee Member). Mr. Hasan successfully defended his dissertation research and earned a position as a Senior Software Engineer at Samsung Research America. 07/17-07/19
- Joohyoung Lee, Master of Public Health Final Project, *Assessment of the Impact of Individual and School Based Factors on HIV Prevention After Intervention With Bahamian Adolescents*. 01/17-08/17
- Mary Sabbagh, Psychology Honor's Thesis, *The Effect of Interventions on Reducing Stress in Emerging Adults with Type 1 Diabetes*. Ms. Sabbagh is taking a gap year while applying to medical school. 09/15-04/16
- Dawn Cherwinski, Master's of Nursing, *Endocrinologists' Perspectives on the Transition from Pediatric to Adult Medical Care*. Ms. Cherwinski is a nurse at Children's Hospital of Michigan. 09/13-12/13
- Dixy Rajkumar, Psychology Honor's Thesis, *Computerized Intervention to increase motivation for diabetes self-management in adolescents with type 1 diabetes* (published). Ms. Rajkumar is a research assistant in my division, Behavioral Sciences, and pursuing her Masters' of Public Health degree at Wayne State University. 01/13-12/13
- Kimberly Brisebois, PhD in Social Work, *Child Welfare Professionals on Kinship Caregivers: Attitudes and Implications* (published). Dr. Brisebois is a faculty member in the School of Social Work at the University of Windsor. 05/11-12/12

Course or curriculum development

- FPS 7230 Health Program Evaluation, *adapted course content to align with revised MPH Foundational Competencies* 2017
- SW6991 Adolescence, Emerging Adulthood, and Positive Youth Development 2007

GRANTS, CONTRACTS, AND OTHER FUNDING

Active National/International Grants and Contracts

Role: Principal Investigator (40% Effort) R01DK116901

Title: Improving Diabetes Health in Emerging Adulthood through an Autonomy Support Intervention

The goal of this study is to test a multicomponent autonomy support intervention to improve metabolic control among older adolescents and emerging adults (16-25) with poorly controlled (HbA_{1c} ≥ 9.0%) type 1 diabetes.

Source: NIH/NIDDK

Total Direct Costs \$1,890,009

03/2019-01/2024

Role: Co-Investigator (10% Effort) R01HL138633 (Ellis, PI)

Title: Translating an Efficacious Illness Management Intervention for African American Youth with Poorly Controlled Asthma to Real World Settings

The primary purpose of the proposed study is to adapt MST-HC for use in real world, public healthcare settings and test it in a T3 translational trial to improve asthma outcomes.

Source: NIH/NIDDK

Total Direct Costs \$2,575,255

09/2017-08/2022

Role: Co-Investigator (15% Effort) R01DK110075 (Ellis, PI)

Title: Effectiveness Trial of an eHealth Intervention to Support Diabetes Care in Minority Youth

The goal of this study is to test the effectiveness of an eHealth intervention to improve parental monitoring in type 1 diabetes.

Source: NIH/NIDDK

Total Direct Costs \$2,288,192

04/2017-03/2022

Role: Co-Investigator Implementation Science Core (10% Effort)

Project Lead Exploration-Preparation-Implementation-Sustainment (EPIS) Study

Project Co-Lead Communication Science Study of Patient-Provider Communication

1U19HD089875-01 (Naar, Parsons, & Stanton, MPIs)

Title: Scale it up: Effectiveness-implementation research to enhance HIV-related self-management among youth

The goal of the study is to improve self-management among high-risk youth living with HIV and those at risk for HIV infection through the identification, implementation, and evaluation of efficacious interventions. I will lead a communication science sub-study as a Co-Investigator on the Implementation Science Core.

Source: NIH/ NICHD

Total Direct Costs: \$13,913,263

09/2016-08/2022

Active Other Grants and Contracts

Role: Co-Principal Investigator (in kind effort) Grants Boost Award

Title: Developing an mHealth Intervention to Reduce Preschooler Sugar-Sweetened Beverage Intake

The goal of this study is to develop and beta test an mHealth intervention to increase caregiver motivation to decrease sugar sweetened beverage intake among preschool age children.

Source: WSU OVPR

Total Direct Costs \$35,000

03/2018-08/2019

Previously funded National/International Grants and Contracts

Role: Co-Principal Investigator (15% Effort) R21DK108071

Title: Automated Coding of eCoaching Exchanges to Promote Healthier Eating

The goal of the study is to automate qualitative communication coding using machine-learning computer science technology

Source: NIH/NIDDK

Total Direct Costs: \$315,390

09/2016-08/2019

Role: Co-Investigator (15% Effort) R01HD067314 (Alexander, PI)

Title: Encouraging Young Adults to Make Effective Nutrition Choices: MENU GenY

This randomized intervention online study will evaluate ways to engage and support improved

dietary choices for young adults, ages 21 – 30, utilizing targeting, tailoring and eCoaching.
Source: NIH/ NICHD Total Direct Costs \$2,348,554
06/2017-02/2018

Role: Co-Investigator (5% Effort) R34MH103049 (Naar & MacDonell, PI)
Title: Development of an MI Implementation Intervention in Adolescent HIV Care Settings
The goal of this study is to test the implementation of evidence-based patient-provider communication strategies using a Motivational Interviewing (MI) framework.
Source: NIH/NIMH Total Direct Costs: \$478,953
08/2015-08/2018

Role: Principal Investigator (20% Effort) R21DK100760
Title: Patient-Provider Communication to Promote Health Behavior Change in African American Adolescents
The goal of this study is to identify provider communication behaviors that predict motivation for behavior change and are related to changes in weight-related health behaviors.
Source: NIH/NIDDK Total Direct Costs: \$286,690
07/2014-06/2017

Role: Co-Investigator (10% Effort) R34DK102091 (Ellis, PI)
Translating Home-Based Interventions for Adolescents with Poorly Controlled T1D
The goal of this study is to adapt Multisystemic Therapy for delivery by community health workers and pilot test the new intervention in a community health care agency.
Source: NIH/NIDDK Total Direct Costs: \$330,744
04/2014-03/2017

Role: Co-Investigator (5% Effort) R21HD078890 (Towner, PI)
Title: Developing a Preschool Obesity Intervention for Families Enrolled in WIC
The goal of this study is to develop a community-based preschool weight control intervention for families enrolled in the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC).
Source: NIH/NICHD Total Direct Costs: \$281,934
02/2014-01/2016

Role: Co-Investigator (20% Effort) DP3DK097717 (Ellis, PI)
Title: Reducing Stress in Adolescents and Young Adults with T1D to Improve Diabetes Care
The goal of this study is to develop a potent diabetes management intervention for youth aged 16-20 with type 1 diabetes using a phased approach to intervention development.
Source: NIH/NIDDK Total Direct Costs: \$1,607,456
09/2012-06/2017

Role: Co-investigator (10% Effort) R21DK089238 (Ellis, PI)
Title: Computer Motivational Intervention to Improve Diabetes Care In Minority Youth
The goal of this study was to develop an eHealth intervention to improve parental monitoring in type 1 diabetes.
Source: NIH/NIDDK Total Direct Costs: \$275,000

04/2011-03/2014

Role: Co-investigator U01HL097889 (Naar-King and Jen, PIs)

Title: Interventionist Procedures for Weight Loss Recommendations in Black Adolescents

The goal of this center grant is to develop an obesity treatment center specializing in effective pediatric behavioral interventions for weight loss using community health workers as interventionists.

Source: NIH/NHLBI

Total Direct Costs: \$3,648,403

08/2009-05/2015

Role: Project Manager (100% Effort) R01DK59067 (Ellis and Naar-King, PIs)

Title: Testing Multisystemic Therapy: Adherence to IDDM Regimen in Urban Youth

The goal of this study was to test the efficacy of Multisystemic Therapy for improving self-management behavior among youth with insulin dependent diabetes.

Source: NIH/NIDDK

Total Direct Costs: \$1,499,409

08/2006-08/2012

Previously funded Grants and Contracts

Role: Principal Investigator (5% Effort)

Title: The Role of Patient-Provider Communication and Illness Management Behavior among Children Diagnosed with Type 1 Diabetes

The goal of this study was to develop a code scheme to characterize patient-provider communication in the diabetes clinic.

Source: Children's Hospital of Michigan Foundation

Total Direct Costs: \$24,998

01/12-12/13

Under Review

Role: Co-Investigator (5% Effort) PA-18-489 (Kotov, PI)

Title: Implementing and Evaluating an AI Agent for Automated Behavioral Counseling

The goal of the proposed research is to use artificial intelligence technology to develop and validate a conversational agent for automated Motivational Interviewing counseling.

Source: NIH

Total Direct Costs: \$275,000

10/2020-09/2022

Role: Invited Faculty Consultant R25 (Naar, PI)

Title: Methods for Early Phase Translation of Basic Science into Behavioral Treatments to Improve Health

This short course will develop and conduct a short-course training in innovative methodologies to systematically study behavioral treatments in early phase translational studies.

Previously submitted, not funded Grants and Contracts

Role: Co-Investigator (10% Effort) PA-18-330 (Ellis, PI)

Title: Stress Management to Improve Glycemic Control in Emerging Adults with Type 1 Diabetes

This project will conduct a multicenter, randomized controlled trial to test the efficacy of

Mindfulness-Based Stress Reduction (MSBR) to improve glycemic outcomes in emerging adults aged 16-20 with high levels of stress reactivity and poorly controlled T1D.

Source: NIH/NIDDK

Total Direct Costs: \$2,902,599

09/2019-08/2024

Role: Co-Investigator (15% Effort) PA-18-330 (Towner, PI)

Title: Reducing Cancer Risk Through mHealth Treatment of Preschool Obesity in Primary Care Settings

This project will develop and preliminarily test a mHealth Prevention Plus Intervention (mPPI-P) to reduce risk for obesity and obesity-related comorbidities among preschool age children.

Source: NIH/NCI

Total Direct Costs: \$275,000

12/2019-11/2021

Role: Co-Investigator (8% Effort) PA-18-489 (Kotov, PI)

Title: Implementing and Evaluating an AI Agent for Automated Behavioral Counseling

The goal of the proposed research is to use artificial intelligence technology to develop and validate a conversational agent for automated Motivational Interviewing counseling.

Source: NIH

Total Direct Costs: \$274,977

07/2019-06/2020

Role: Co-Investigator (in kind effort) Pilot Project Program (Li, PI)

Isocyanate Exposure and Asthma Exacerbation in Detroit Children: A Pilot Study

The goal of this research is to describe children's exposures to isocyanates in their environment and associate those exposures to asthma exacerbations.

Source: Center for Urban Responses to Environmental Stressors (CURES)

Total Direct Costs: \$65,000

10/2018-09/2019

Role: Co-Investigator (10% Effort) 153891 (Secord & Outlaw, MPis)

Title: Got Your Back: A Youth-Focused Psychosocial Case Management Intervention to Engage and Retain HIV+ Young Black Men Who Have Sex with Men (YBMSM) in Care

The goal of this project is to utilize an intensive case management model to engage and retain YBMSM in care.

Source: HRSA/SPNS

Total Direct Costs \$899,999

Submitted 02/18

Role: Co-Investigator (20% Effort) R21 (Towner, PI)

Title: Reducing Cancer Risk through mHealth Treatment of Preschool Obesity in Primary Care Settings

The goal of the proposed study is to develop and test the feasibility of a technology based intervention to treat preschool obesity in the primary setting using the accelerated biased coin design dose-finding methodology.

Source: NIH/NCI

Total Direct Costs \$299,999

Submitted 02/18

Role: Co-Investigator (5-10% Effort) R01HL136509-01 (Cunningham, PI)

Title: Behavioral Incentives to Increase Caregiver Modeling of Lifestyle Changes to Reduce

Obesity Among African American Adolescents

The goal of this RCT is to examine the additive efficacy of a voucher-based contingency management intervention to reinforce parents for modeling lifestyle changes known to impact adolescent weight.

Source: NIH/NHLBI
submitted 02/18

Total Direct Costs \$2,430,706

Role: Co-Investigator (20% Effort) R21 (Towner, PI)

Title: Reducing Cancer Risk through mHealth Treatment of Preschool Obesity in Primary Care Settings

The goal of the proposed study is to develop and test the feasibility of a technology based intervention to treat preschool obesity in the primary setting using the accelerated biased coin design dose-finding methodology.

Source: NIH/NCI
Submitted 07/17

Total Direct Costs \$299,999
Impact Score: 28, 12th %ile

Role: Principal Investigator (40% Effort) R01DK116901

Title: Improving Diabetes Health in Emerging Adulthood through an Autonomy Support Intervention

The goal of this study is to test a multicomponent autonomy support intervention to improve metabolic control among older adolescents and emerging adults (16-25) with poorly controlled (HbA_{1c} ≥ 9.0%) type 1 diabetes.

Source: NIH/NIDDK
submitted 06/17

Total Direct Costs \$1,890,009
Impact Score: 37, 29th %ile

Role: Co-Principal Investigator (1% Effort) (Wang)

Title: E2Coin - A Data-driven Bitcoin-style Distributed Electricity Transactional Model for Sustainable Energy Development and Use in Smart and Connected Communities

The goal of this study is to architect an innovative Bitcoin-style distributed transactional model, "E2Coin," to enable transparent, auditable, peer-to-peer electricity and carbon emission trading among millions of active market participants without a central financial intermediary.

Source: NSF
submitted 02/17

Total Direct Costs \$30,000
Impact Score: Competitive

Role: Co-Principal Investigator (5% Effort) (Zhang)

Title: INFEWS/T3: Algae-based Sustainable Urban Reclamation Ecosystem (aSURE): An Integrated Approach to Sustaining Food-Energy-Water Supply

The goal of this study is to develop a novel algae-based urban-wastewater reclamation ecosystem for sustainable food-energy-water supply, including cost-efficient wastewater treatment, agricultural irrigation with reclaimed wastewater, renewable algal bioenergy, and advanced nanomaterials for next-generation batteries and water remediation

Source: NSF
submitted 02/17

Direct Costs \$2,499,999
Impact Score: Competitive Plus

Role: Principal Investigator (30% Effort) 1R01DK115428-01

Title: A Multicomponent Technology Intervention (MCTI) for Young Adults with Poorly

Controlled T2DM

The goal of this study is to test the Multicomponent Technology Intervention (MCTI) to improve medication adherence and metabolic control among African American emerging adults (18-25) with type 2 diabetes.

Source: NIH/NIDDK
submitted 02/17

Direct Costs \$2,281,746
Impact Score: Not discussed

Role: Co-Principal Investigator (20% Effort) R21HD094029 (Carcone & Towner, PIs)

Title: Developing an Adaptive Intervention to Increase Engagement in Preschool Obesity Interventions for Families Enrolled in WIC

The goal of this study is to develop and pilot test an adaptive intervention to increase engagement in preschool obesity interventions for families enrolled in WIC.

Source: NIH/NIDDK
submitted 02/17

Direct Costs \$275,477
Impact Score: 52, 48th %ile

Role: Co-Investigator (20% Effort) R21 (Towner, PI)

Title: Reducing Cancer Risk through mHealth Treatment of Preschool Obesity in Primary Care Settings

The goal of the proposed study is to develop and test the feasibility of a technology based intervention to treat preschool obesity in the primary setting using the accelerated biased coin design dose-finding methodology.

Source: NIH/NCI
Submitted 10/16

Total Direct Costs \$299,999
Impact Score: 48, 53rd %ile

Role: Principal Investigator (50% Effort) 1DP3DK113357-01

Title: Improving Adolescents' and Young Adults' Diabetes Management by Enhancing Autonomy

The goal of this study is to develop a multicomponent intervention for type 1 diabetes illness management using the multiphase optimization strategy.

Source: NIH/NIDDK
submitted 6/2016

Total Direct Costs \$1,385,721
Impact Score: 37

Role: Co-Investigator (5-10% Effort) R01HL136509-01 (Cunningham/Naar, PI)

Title: Behavioral Incentives to Increase Caregiver Modeling of Lifestyle Changes to Reduce Obesity Among African American Adolescents

The goal of this RCT is to examine the additive efficacy of a voucher-based contingency management intervention to reinforce parents for modeling lifestyle changes known to impact adolescent weight.

Source: NIH/NHLBI
submitted 06/2016

Total Direct Costs \$2,430,706
Impact Score: 50

Role: Co-Investigator (20% Effort) 1R01DK112273-01 (Ellis, PI)

Title: Stress Management to Improve Glycemic Control in Older Adolescents and Young Adults with T1D

The goal of this study is to conduct a randomized controlled trial to determine the efficacy of MBSR to reduce stress and improve diabetes outcomes in older adolescents and young adults

with poorly controlled type 1 diabetes.

Sources: NIH/NIDDK
submitted 02/2016

Total Direct Costs \$3,475,243
Impact Score: Not discussed

Role: Co-Investigator (5% Effort) 1633523 (Dong, PI)

Title: Leveraging Big Data in Facial Expression Analysis for Motivational Interviews

The goal of this study is to develop technology to interpret facial expressions during counseling sessions.

Source: NSF/BIGDATA:IA
submitted 02/2016

Total Direct Costs \$721,917
Impact Score: Not Competitive

Role: Co-Investigator (5% Effort) 1617831 (Dong, PI)

Title: Large-scale Analysis and Synthesis of Facial Expressions for Motivational Interviews

The goal of this study is to develop technology to interpret facial expressions during counseling sessions.

Source: NSF/Information & Intelligent Systems
submitted 11/2015

Total Direct Costs \$490,482
Impact Score: Not competitive

Role: Co-Investigator (20% Effort) R01 (Ellis, PI)

Title: Effectiveness Trial of an eHealth Intervention to Support Diabetes Care in Minority Youth

The goal of this study is to test the effectiveness of a eHealth intervention to improve parental monitoring in type 1 diabetes.

Source: NIH/ NIDDK
submitted 11/2015

Total Direct Costs \$2,257,399
Impact Score: 34

Role: Principal Investigator (0% Effort)

Title: An Intervention to Improve Provider Communication in Type 1 Diabetes

The goal of this study was to develop an intervention to enhance provider communication skills.

Source: Michigan Diabetes Research Center
submitted 08/2015

Total Direct Costs \$50,000
Impact Score: 23

Role: Co-Investigator (5% Effort) 1546134 (Dong, PI)

Title: Leveraging Big Data in Facial Expression Analysis for Motivational Interviews

The goal of this study is to develop technology to interpret facial expressions during counseling sessions.

Source: NSF/BIGDATA:IA
submitted 05/2015

Total Direct Costs \$717,564
Impact Score: Competitive

Role: Co-Investigator (20% Effort) R01DK108157 (Ellis, PI)

Title: Effectiveness Trial of an eHealth Intervention to Support Diabetes Care in Minority Youth

The goal of this study is to test the effectiveness of a eHealth intervention to improve parental monitoring in type 1 diabetes.

Source: NIH/NIDDK
submitted 02/2015

Total Direct Costs \$2,290,307
Impact Score: ND

Role: Principal Investigator (20% Effort) R21DK108071-01

Title: Automated Coding of eCoaching Exchanges to Promote Healthier Eating

The goal of the study is to automate qualitative communication coding using machine-learning computer science technology.

Source: NIH/NIDDK
submitted 02/2015

Total Direct Costs \$275,000
Impact Score: 49

Role: Co-Investigator (5% Effort) 1526141 (Dong, PI)

Title: Computational Analysis of Emotional Expressions in Motivational Interviews

The goal of this study is to develop technology to interpret facial expressions during counseling sessions.

Source: NSF/CHS
submitted 01/2015

Total Direct Costs \$349,920
Impact Score: Not recommended

Role: Principal Investigator (20% Effort) R34DK109455-01

Title: Improving Provider Communication in Type 1 Diabetes

The goal of this study is to develop an eHealth intervention to improve diabetes provider communication.

Source: NIH/NIDDK
submitted 01/2014

Total Direct Costs \$300,000
Impact Score: ND

Role: Principal Investigator (20% Effort) 1-14-JF-35-R

Title: Improving Patient-Provider Communication In Families Of Children With Type 1 Diabetes

The goal of this study is to develop an eHealth intervention to improve diabetes provider communication.

Source: ADA
submitted 01/2014

Total Direct Costs \$413,788
Impact Score: 25-50thile

Role: Co-Investigator (20% Effort) (King, PI)

Title: Facilitating the Transition of Pediatric Patients with Type 1 Diabetes to Adult Medical Care

The goal of this study is to develop an eHealth intervention to facilitate readiness to transition from pediatric to adult medical care.

Source: ADA
submitted 01/2014

Impact Score: 50-75thile

Role: Principal Investigator (20% Effort) 1-14-JF-35

Title: Improving Patient-Provider Communication In Families Of Children With Type 1 Diabetes

The goal of this study is to develop an eHealth intervention to improve diabetes provider communication.

Source: ADA
submitted 07/2013

Total Direct Costs \$413,179
Impact Score: 25-50thile

Role: Principal Investigator (20% Effort) R21

Title: Patient-Provider Communication to Promote Health Behavior Change in African American Adolescents

The goal of this study is to identify provider communication behaviors that predict motivation for

behavior change and are related to changes in weight-related health behaviors.

Source: NIH/NIDDK

submitted 02/2013

Impact Score: 18

Role: Principal Investigator (75% Effort) K23 DK097149-01A1

Title: The Relationship between Patient-Provider Communication and Illness Outcomes among Children Newly Diagnosed with Type 1 Diabetes

The goal of this study was to develop a code scheme to characterize provider communication with newly diagnosed patients with type 1 diabetes and link communication patterns to diabetes outcomes.

Source: NIH/NIDDK

submitted 11/2012

Impact Score: 30

Role: Co-Investigator RO1 (Ellis & Naar-King, Co-PIs)

Title: Community Health Worker Communication to Promote Health Behavior Change in African American Teens

The goal of this study was to adapt an intensive intervention for improving self-management behavior among youth with poorly controlled asthma.

Source: NIH/NIMH

submitted 06/2012

Role: Co-Investigator RO1 (Ellis, PI)

Title: Community Health Interventions for Adolescents with Poorly Controlled Diabetes

The goal of this study was to adapt an intensive intervention for improving self-management behavior among youth with poorly controlled type 1 diabetes.

Source: NIH/NIDDK

submitted 06/2012

Role: Principal Investigator K23 DK097149-01

Title: The Relationship between Patient-Provider Communication and Illness Outcomes among Children Newly Diagnosed with Type 1 Diabetes

The goal of this study is to develop a code scheme to characterize provider communication with newly diagnosed patients with type 1 diabetes and link communication patterns to diabetes outcomes.

Source: NIH/NIDDK

submitted 02/2012

Impact Score: 40

Role: Principal Investigator RO3 HD073570-01

Title: The Role of Patient-Provider Communication in Illness Management Behavior and Diabetes Health among Children Diagnosed with Type 1 Diabetes

The goal of this study was to assess the efficacy of patient-provider communication in the diabetes clinics.

Source: NIH/NICHD

submitted 10/2011

Impact Score: ND

Role: Co-Investigator R01 (Ellis, PI)

Title: Community Health Interventions for Adolescents with Poorly Controlled Diabetes
The goal of this study was to adapt an intensive intervention for improving self-management behavior among youth with poorly controlled type 1 diabetes.

Source: NIH/NIDDK
submitted 10/2011

Role: Co-Investigator (Dixon, PI)

Title: ImPACTing Treatment for Autism in Ghana

The goal of this study was to pilot test a treatment model for autism.

Source: Autism Speaks/Global Autism Public Health Initiative
submitted 08/2011

Role: Co-Investigator (Brogan, PI)

Title: Enhanced Behavior Change Counseling for Medical Students: A Train-the-Trainer Model of Motivational Interviewing during Clinical Medicine 3

The goal of this study was to feasibility test a training model for teaching medical students communication skills.

Source: HFHS/WSU SOM
submitted 06/2011

Role: Principal Investigator

Title: The Role of Patient-Provider Communication and Illness Management Behavior among Children Newly Diagnosed with Type 1 Diabetes

The goal of this study was to develop a code scheme to characterize provider communication with newly diagnosed patients with type 1 diabetes.

Source: Children's Research Center of Michigan
submitted 04/2011

PUBLICATIONS

**denotes a student mentee*

Peer-Reviewed Publications

Reports of Original Work

1. MENU GenY Depression Paper (prep)
2. MENU GenY Main outcomes Paper (prep)
3. HIV SA. **Carcone, A. I.**, (R&R)
4. Naar, S.; Hudgens, MG; Brookmeyer, R; Chapman, J; Chowdhury, S; Ciaranello, A; Comulada, WS; Ghosh, S; Horvath, KJ; Idalski Carcone, A.; Ingram, L; LeGrand, S; Reback, CJ; Simpson, K; Stanton, B; Starks, T; Swendeman, D. (2019). Improving the Youth HIV Prevention and Care Cascades: Innovative Designs in the Adolescent Trials Network for HIV/AIDS Interventions. *AIDS Patient Care and STDs*.
Role: Sub-Project Lead

5. Towner, E.; Kubar, G.; Idalski Carcone, A.; Janisse, J.; Ellis, D.A.; Jen, K.; Naar, S. (2019). Physical Activity as a Predictor of Changes in Systolic Blood Pressure in African-American Adolescents Seeking Treatment for Obesity. *Journal of Adolescent Health*.
Role: Data Analysis, Implementation
6. **Carcone, A**; Coyle, K; Gurung, S; Cain, D; Borkowski, T; Dilones, RE; Parsons, JT; Naar, S. (2019). Implementation Science Research Examining the Integration of Evidence-Based Practices into HIV Prevention and Clinical Care: A Mixed Methods Study Using the Exploration-Preparation-Implementation-Sustainment (EPIS) Model. *JMIR Research Protocols*. doi:10.2196/11202
7. **Carcone, A. I.**, Hasan M, Alexander, GL, Dong, M, Eggly S, Hartlieb KEB, MacDonell, K; Kotov, A. (2019). Developing Machine Learning Models for Behavioral Coding. *Journal of Pediatric Psychology*, 44(3): 289-299. doi: 10.1093/jpepsy/jsy113
8. Naar, S; Ellis, DE; **Idalski Carcone, A**; Jacques-Tiura, AJ; Cunningham, PB; Templin, TN; Brogan Hartlieb, K; Jen, K-L; Naar, S. (2019). Outcomes from a Sequential Multiple Assignment Randomized Trial (SMART) of Weight Loss Strategies for African American Adolescents with Obesity. *Annals of Behavioral Medicine*.
Role: Data Analysis
9. Ellis, DA, **Carcone, AI**, Slatcher, R, Naar-King, S, Hains, A, Graham, A, and Sibinga, E. (2018). Efficacy of Mindfulness-Based Stress Reduction in Emerging Adults with Poorly Controlled, Type 1 Diabetes: A Pilot Randomized Controlled Trial. *Pediatric Diabetes*, 20(2): 226-234. doi: 10.1111/pedi.12807
Role: Data Analysis, Implementation
10. Hasan M, **Carcone AI**, Naar S, Eggly S, Alexander, GL, Brogan Hartlieb KE, Kotov, A. (epub 2018). Identifying Effective Motivational Interviewing Communication Sequences Using Automated Pattern Analysis. *Journal of Healthcare Informatics Research*, 3(1): 86-106. doi: 10.1007/s41666-018-0037-6
Role: Concept, Implementation
11. Jacques-Tiura, AJ.; Ellis, D.A.; **Idalski Carcone, A**; Naar, S; Hartlieb, KB; Towner, EK; Templin, T; Jen, KL. (epub 2018, print 2019). African American Adolescents' Weight Loss Skills Utilization: Effects on Weight Change in a Sequential Multiple Assignment Randomized Trial. *Journal of Adolescent Health*, 64(3): 355-361. doi: 10.1016/j.jadohealth.2018.09.003
Role: Data Analysis, Implementation
12. Ellis, D. A., **Carcone, A. I.**, Slatcher, R., Sabinga, E. (epub 2017, print 2018). Feasibility of Mindfulness-Based Stress Reduction for Older Adolescents and Young Adults with Poorly Controlled Type 1 Diabetes. *Health Psychology and Behavioral Medicine*. doi: 10.1080/21642850.2017.1415810
Role: Data Analysis, Implementation

13. Ellis, D. A., **Carcone, A. I.**, Naar-King, S., Rajkumar, D., Palmisano, G., & Moltz, K. (epub 2017, print 2019). Adaptation of an Evidence-Based Diabetes Management Intervention for Delivery in Community Settings: Findings From a Pilot Randomized Effectiveness Trial. *Journal of Pediatric Psychology*, 44(1): 110-125. doi:10.1093/jpepsy/jsx144. PMID: 29186562
Role: Data Analysis, Implementation
14. Ellis, D.A.; **Idalski Carcone, A.**; Ondersma, S.; Naar-King, S.; Dekelbab, B.; Moltz, K. (2017). Brief Computer-Delivered Intervention to Increase Parental Monitoring in Families of African-American Adolescents with Type 1 Diabetes: A Pilot Randomized Controlled Trial. *Telemedicine and e-Health*. doi:10.1089/tmj.2016.0182. PMID: 28061319 (2015 JCR Impact Factor = 1.791)
Role: Data Analysis, Implementation
15. **Idalski Carcone, A.**; Barton, E.; Eggly, S.; Brogan Hartlieb, K.E.; Thominet, L.; Naar, S. (2016). Exploring Ambivalence in Motivational Interviewing with Obese African American Adolescents and Their Caregivers: A Mixed Methods Analysis. *Patient Education and Counseling*, 99(7), 1162–1169. DOI: 10.1016/j.pec.2016.02.008 PMID: 26916012 (2015 JCR Impact Factor = 1.791)
16. Jacques-Tiura, A.J.; **Idalski Carcone, A.**; Naar, S; Hartlieb, KB; Albrecht, TL; Barton, E. (2016). Building Motivation in African American Caregivers of Adolescents with Obesity: Application of Sequential Analysis. *Journal of Pediatric Psychology*. DOI: 10.1093/jpepsy/jsw044. PMID: 27246865 (2015 JCR Impact Factor = 2.620)
Role: Data Analysis
17. Hasan, M; Kotov, A; **Idalski Carcone, A.**; Dong, M; Naar, S; Hartlieb, KB. (2016). A study of the effectiveness of machine learning methods for classification of clinical interview fragments into a large number of categories. *Journal of Biomedical Informatics*, 62, 21-31. DOI: 10.1016/j.jbi.2016.05.004. PMID: 27185608 (2015 JCR Impact Factor = 2.447)
Role: Concept, Implementation
18. **Idalski Carcone, A.**; Naar-King, S; Eggly, S.; Foster T; Albrecht TL; Brogan KE. (2015). Comparing thin slices of verbal communication behavior of varying number and duration. *Patient Education and Counseling*;98(2):150-5. doi:10.1016/j.pec.2014.09.008. PMID: 25441095 (2015 JCR Impact Factor = 2.232)
19. **Idalski Carcone, A.**; Chen, X; Ellis, D; Naar, S; Cunningham, P; Moltz, K. (2015). Multisystemic Therapy Improves the Patient-Provider Relationship in Families of Adolescents with Poorly Controlled Insulin Dependent Diabetes. *Journal of Clinical Psychology in Medical Settings*. DOI: 10.1007/s10880-015-9422-y. PMID: 25940767 (2015 JCR Impact Factor = 1.085; ISI WOS citations: 1)
20. Naar-King, S; Ellis, D; **Idalski Carcone, A.**; Templin, T; Jacques-Tiura, A; Brogan, KE; Cunningham, P; Jen, KL. (ePub 2015, print 2016). Sequential Multiple Assignment Randomized Trial (SMART) to Construct Weight Loss Interventions for African American

Adolescents. *Journal of Clinical Child and Adolescent Psychology*. DOI: 10.1080/15374416.2014.971459. PMID: 25668386 (2015 JCR Impact Factor = 4.027; ISI WOS citations: 3)

Role: Data Analysis

21. Zhang, L; Ellis, DA; Naar-King, S; Moltz, K; **Idalski Carcone, A**; Dekelbab, B. (2016). Effects of socio-demographic factors on parental monitoring, and regimen adherence among adolescents with type 1 diabetes: A moderation analysis. *Journal of Child and Family Studies*, 25(1), 176-188. DOI: 10.1007/s10826-015-0215-6. PMID: 26858519 (2015 JCR Impact Factor = 1.802)
Role: Implementation
22. Rajkumar, D; Ellis, DA; May, DK; **Carcone, A**; Naar-King, S; Ondersma, S; Moltz, KC. (2015). Computerized intervention to increase motivation for diabetes self-management in adolescents with type 1 diabetes. *Health Psychology and Behavioral Medicine*; 3(1):236-50. DOI:10.1080/21642850.2015.1079716. PMID: 26973800
Role: Implementation, Data Analysis
23. MacDonell, K; **Idalski Carcone, A**; Naar-King, S; Gibson-Scipio, W; Lam, P. (2014) African American emerging adults' perspectives on taking asthma controller medication: Adherence in the "age of feeling in-between". *Journal of Adolescent Research*. doi: 10.1177/0743558414561299. (2014 JCR Impact Factor = 1.455)
Role: Data Analysis
24. **Idalski Carcone, A**; Ellis, DA; Naar-King, S; Ondersma, S; Moltz, K; Dekelbab, B; Joseph, C. (2014). Enhancing parental motivation to monitor African American adolescents' diabetes care: Development and beta test of a brief computer-delivered intervention. *JMIR Research Protocols*, 3(3), e43. doi: 10.2196/resprot.3220 PMID: 25236503.
25. **Idalski Carcone, A**, Naar-King, S, Brogan, K, Albrecht, T, Barton, E, Foster, T, Martin, T; Marshall, S. (2013). Provider communication behaviors that predict motivation to change in black adolescents with obesity. *Journal of Development and Behavioral Pediatrics*, 34(8), 599-608. doi: 10.1097/DBP.0b013e3182a67daf. PMID: 24131883 (2014 JCR Impact Factor = 2.353; ISI WOS citations: 12)
26. Bruzzese, J; **Idalski Carcone, A**; Lam, P; Ellis, D; Naar-King, S. (2013). Adherence to asthma medication regimens in urban African American adolescents: Application of Self-Determination Theory. *Health Psychology*. doi: 10.1037/a0033510. PMID: 23895200 (2013 JCR Impact Factor = 3.954; ISI WOS citations: 2)
Role: Data Analysis
27. Brisbois, K.*; Kernsmith, P.; **Idalski Carcone, A**. (2013). The relationship between caseworker attitudes about kinship care and removal decisions. *Journal of Family Social Work*. doi: 10.1080/10522158.2013.832459
Role: Data Analysis

28. **Idalski Carcone, A.**; Ellis, D. A.; Naar-King, S. (2012). Linking Caregiver Strain to Adolescents' Diabetes Illness Management and Health Outcomes. *Journal of Development and Behavioral Pediatrics*, 33 (4), p. 343. doi: 10.1097/DBP.0b013e31824eaac8. PMID: 22566030 (2014 JCR Impact Factor = 1.750; ISI WOS citations: 6)
29. Brogan, K. E.; **Idalski Carcone, A.**; Naar-King, S.; Ellis, D. A.; Marshall, S.; Jen, K.L. (2012). Factors Associated with Weight Resilience in Obesogenic Environments in African American Female Adolescents. *Journal of the American Dietetic Association*, 112 (5), p. 718. doi: 10.1016/j.jand.2012.02.004. PMID: 22709777 (2012 JCR Impact Factor = 3.797; ISI WOS citations: 5)
Role: Data Analysis
30. Ellis, D. A.; Berio, H.; **Idalski Carcone, A.**; Naar-King, S. (2012). Adolescent and parent motivation for change affects psychotherapy outcomes among youth with poorly controlled diabetes. *Journal of Pediatric Psychology*, 37 (1), p. 75-84. doi: 10.1093/jpepsy/jsr072. PMID: 21933812
Role: Data Analysis (2012 JCR Impact Factor = 2.647)
31. Ellis, D. A.; Naar-King, S.; Chen, X.; Moltz, K.; Cunningham, P. B.; **Idalski Carcone, A.** (2012). Multisystemic Therapy Compared to Telephone Support for Youth with Poorly Controlled Diabetes: Findings From A Randomized Controlled Trial. (2012) *Annals of Behavioral Medicine*, 44(2), 207-215. doi: 10.1007/s12160-012-9378-1. PMID: 22644587 (2012 JCR Impact Factor = 3.169; ISI WOS citations: 28)
Role: Implementation, Data Management
32. **Idalski Carcone, A.**; MacDonnel, K. E.; Naar-King, S.; Ellis, D. A.; Cunningham, P. B.; Kaljee, L. (2011). Treatment engagement in a weight loss intervention for African American adolescents and their families. *Children's Health Care*, 40(3), 1-21. doi: 10.1080/02739615.2011.590398. (2010 Impact Factor: 0.610; ISI WOS citations: 4)
33. **Idalski Carcone, A.**; Ellis, D. A.; Weisz, A.; Naar-King, S. (2011). Social Support for Diabetes Illness Management: Supporting Adolescents and Caregivers. *Journal of Development and Behavioral Pediatrics*, 32 (8), p. 581. doi: 10.1097/DBP.0b013e31822c1a27. PMID: 21904213 (2010 Impact Factor: 2.205; ISI WOS citations: 9)
34. Ellis, D. A.; Templin, T. N.; Moltz, K.; Naar-King, S.; Dekelbab, B.; **Idalski Carcone, A.** (2011). Psychometric Properties of the Revised Parental Monitoring of Diabetes Care Questionnaire (PMDC-R) in Adolescents with Type 1 Diabetes. *Journal of Adolescent Health*, 50 (3), p. 289. doi:10.1016/j.jadohealth.2011.07.011. PMID: 22325135 (2011 JCR Impact Factor = 3.334; ISI WOS citations: 6)
Role: Data Analysis
35. Ellis, D. A., Naar-King, S., Templin, T., Frey, M., Cunningham, P. B., Sheidow, A., Cakan, N., & **Idalski, A.** (2008). Multisystemic therapy for adolescents with poorly controlled type 1 diabetes: Reduced diabetic ketoacidosis admissions and related costs over 24 months.

Diabetes Care, 31(9), 1746-1747. doi: 10.2337/dc07-2094. PMID: 18566340 (2008 Impact Factor: 7.349; ISI WOS citations: 41)

Role: Implementation, Data Management

36. Ellis, D. A., Yopp, J., Templin, T., Naar-King, S., Frey, M. A., Cunningham, P. B., **Idalski, A.**, Niec, L. N. (2007). Family mediators and moderators of treatment outcomes among youths with poorly controlled type 1 diabetes: Results from a randomized controlled trial. *Journal of Pediatric Psychology*, 32(2), 194-205. doi: 10.1093/jpepsy/jsj116. PMID: 16675714 (2007 Impact Factor: 3.045; ISI WOS citations: 31)

Role: Implementation, Data Management

37. Naar-King, S.; Ellis, D. A.; **Idalski, A.**; Frey, M.; & Cunningham, P. (2007). Multisystemic therapy decreases parental overestimation of adolescent responsibility for type 1 diabetes management in urban youth. *Families, Systems & Health*, 25(2), 178(112). doi: 10.1037/1091-7527.25.2.178.

Role: Data Analysis, Implementation

38. Naar-King, S., **Idalski, A.**, Ellis, D., Frey, M., Templin, T., Cunningham, P. B., et al. (2006). Gender differences in adherence and metabolic control in urban youth with poorly controlled type 1 diabetes: The mediating role of mental health symptoms. *Journal of Pediatric Psychology*, 31(8), 793-802. doi: 10.1093/jpepsy/jsj090 PMID: 16322274 (2006 JCR Impact Factor = 3.152; ISI WOS citations: 38)

Role: Concept, Data Analysis, Implementation

Published Abstracts

1. **Idalski Carcone, A.**; Hasan, M; Alexander, GL; Dong, M; Eggly, S; MacDonell, KE; Naar, S; Kotov, A. Developing a Computer Algorithm to Automate Behavioral Coding and Analysis of Clinical Transcripts. In *Annals Of Behavioral Medicine*:53, pp. S539-S539.
2. **Carcone, A. I.**, Kotov, A., Hasan, M., Dong, M., Eggly, S., Hartlieb, K.E.B., Alexander, G., Lu, M., Naar, S. (2018, April). Using Natural Language Processing to Understand the Antecedents of Behavior Change. In *Annals Of Behavioral Medicine*:52(Suppl 1), p. S422. doi: 10.1093/abm/kay013.
3. Graham, A; Ellis, D; **Carcone, A.**; Naar, S; Sibinga, E; Hains, A; Slacher, R. (). *MBSR Versus CBT for Stress Reduction in Older Adolescents and Young Adults With Poorly Controlled Type 1 Diabetes*. *Annals Of Behavioral Medicine*:52, pp. S278-S278.
4. Martinez, S, Durkin, J; Brogan-Hartlieb, K; Naar, S; Ellis, D; Eggly, S; **Carcone, A.** *Patient-Provider Communication in Motivational Interviewing Weight Loss Sessions With African American Youth And Caregivers*. In *Annals Of Behavioral Medicine*:52(Suppl 1), p. S60. doi: 10.1093/abm/kay013.
5. Naar, S., **Carcone, A. I.**, Todd, L., MacDonell, K., Martinez, S. (Apr 2018). Tailoring Motivational Interviewing for Implementation in Adolescent HIV Care Settings. In *Annals Of*

Behavioral Medicine:52(Suppl 1), p. S185. doi: 10.1093/abm/kay013.

6. **Carcone, A. I.**, & Ellis, D. (2017, March). Patient-Provider Communication in Pediatric Type 1 Diabetes Clinical Care. In *Annals Of Behavioral Medicine*:51, p. S1724-S1724.
7. **Carcone, A. I.**, Ellis, D., & Palmisano, G. (2017, March). Translating an Intensive Behavioral Intervention for Delivery by CHWs. In *Annals Of Behavioral Medicine*:51, p. S2400-S2401.
8. Towner, E., Hart, C. N., Guthrie, K. M., **Carcone, A. I.**, Eghtedary, K., Thompson, V., & Jelalian, E. (2017, March). A Pilot Randomized Controlled Trial to Develop a Preschool Obesity Intervention for WIC Families: Outcomes and Lessons Learned. In *Annals Of Behavioral Medicine*:51, p. S2670-S2671.
9. **Idalski Carcone, A.** (2016) Communication to Promote Behavior Change: It's Not Just What You Say, But How You Say It. In *Michigan Journal of Public Health*: 8:1, Article 7, p.65.
10. Ellis, D. A., Naar-King, S., Sibinga, E., Slatcher, R., **Carcone, A.**, & Moltz, K. (2014, June). Feasibility of Mindfulness Interventions to Improve Health Outcomes in Older Adolescents and Young Adults with Type 1 Diabetes. In *Diabetes*, 63, A200-A200. (2014 JCR Impact Factor = 8.095)
11. Brogan, K., Naar-King, S., Yeh, Y., **Carcone, A. I.**, & Madson, M. (2011, November). Client Evaluation of Motivational Interviewing (CEMI) Scale With Obese African American Adolescent-Caregiver Dyads. In *Obesity*, 19, S107-S107. (2014 JCR Impact Factor = 4.284)
12. **Carcone, A. I.**, Ellis, D. A., & Naar-King, S. (2010, June). Measuring Illness Management Behaviors on Intensive Insulin Regimens: A Revision of the Twenty-Four Hour Recall Interview. In *Diabetes*, 59, A518-A518. (2010 JCR Impact Factor = 8.889)
13. Ellis, D. A., Naar-King, S., Arfken, C., Cunningham, P., Moltz, K., & **Carcone, A.** (2010, June). High-Risk Youth with Diabetes Need Home-Based Behavioral Interventions. In *Diabetes*, 59, A69-A69. (2014 JCR Impact Factor = 8.889)
14. Podolski, C. L., Naar-King, S., Ellis, D., Frey, M., **Idalski, A.**, Cunningham, P., & Cakan, N. (2005, January). A social-ecological model of adherence in urban youth with poorly controlled Type 1 diabetes. In *Diabetes*, 54, A463-A463. (2014 JCR Impact Factor = 8.028)

Non-Peer-Reviewed Publications

Invited Review Article

1. **Idalski Carcone, A.**; Jacques-Tiura, A. J.; Brogan Hartlieb, K.E., Albrecht, T., and Martin, T.; (2016). Effective Patient-Provider Communication in Pediatric Obesity. *Pediatric Clinics of North America*, 63(3), 525-538. DOI: 10.1016/j.pcl.2016.02.002. PMID: 27261548

Case Report

1. Hoge, J., & **Idalski, A.** (2001). How Boyssville of Michigan specifies and evaluates its supervised independent living program. In K. A. Nollan & A. C. Downs (Eds.), *Preparing youth for long-term success: Proceedings from the Casey Family Program National Independent Living Forum* (pp. 83-93). Washington, D.C.: Child Welfare League of America. (ISI WOS citations: 2)

Other

2. **Idalski Carcone, A.** (2019). Harnessing the Power of the Machine for Behavioral Science with Machine Learning. In Behavioral Informatics and Technology Special Interest Group (BIT SIG) member. In *Outlook*, a newsletter published by the Society of Behavioral Medicine.

PRESENTATIONS

*denotes a student mentee

Podium Presentations (refereed)

International/national

1. **Carcone, A. I.**, Hasan, M.*, Alexander, G., Dong, M., Eggly, S., MacDonell, K., Naar, S., Kotov, A. (Mar 2019). Developing a Computer Algorithm to Automate Behavioral Coding and Analysis of Clinical Transcripts. Paper to be presented at the 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC. *This abstract was selected by the SBM program committee to receive a citation award.*
2. Hasan, M.*; Kotov, A.; Naar, S.; Alexander, G.L.; **Carcone, A. I.** (Mar 2019). Deep Neural Architectures for Discourse Segmentation in E-Mail Based Behavioral Interventions. Paper presented at American Medical Informatics Association (AMIA) 2019 Informatics Summit, San Francisco, CA.
3. Ellis, D.A., Idalski Carcone, A., Weissberg-Benchell, J., Evans, M.A. (Mar 2019). Diabetes Distress and Glycemic Control in Young Black Adolescents with Type 1 Diabetes. Paper presented as part of the "Stress and Well-Being for Individuals With Diabetes Across the Life Span" Symposium at the 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
4. Butame, S.A., Idalski Carcone, A., Naar, S. (Mar 2019). Enacting and sustaining youth HIV interventions through Implementation Science (IS): An application of the EPIS model. Paper presented as part of the "Implementation Science Studies to Improve the Adolescent HIV Prevention and Care Continua" Symposium at the 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
5. **Carcone, A. I.**, Kotov, A., Hasan, M., Dong, M., Eggly, S., Hartlieb, K.E.B., Alexander, G., Lu, M., Naar, S. (2018, April). Using Natural Language Processing to Understand the Antecedents of Behavior Change. Paper presented at the 39th Annual Meeting and

Scientific Sessions of the Society of Behavioral Medicine, New Orleans, Louisiana.

6. Naar, S., **Carcone, A. I.**, Todd, L., MacDonell, K., Martinez, S. (2018, April). Tailoring Motivational Interviewing for Implementation in Adolescent HIV Care Settings. Symposium presented at the 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, Louisiana.
7. Hasan, Kotov, **Idalski Carcone, A.** (Mar 2018). Predicting the Outcome of Patient-Provider Communication Sequences using Recurrent Neural Networks and Probabilistic Models. Paper presented at the American Medical Informatics Association (AMIA) 2018 Informatics Summit, San Francisco, CA.
8. **Idalski Carcone, A** & Naar, S. (2017). Provider Behaviors that Predict Change Talk in HIV: A Study of Communication Using the Motivational Interviewing Framework. Plenary presentation at the Fifth International Conference on Motivational Interviewing (ICMI-5), Philadelphia, PA.
9. Kotov, A. & **Idalski Carcone, A.** (2017). Accelerating the Pace of Qualitative Communication Research with Computational Technology, Symposium organizer and presenter at the Fifth International Conference on Motivational Interviewing (ICMI-5), Philadelphia, PA.
10. **Idalski Carcone, A** & Ellis, DA. (2017). Patient-Provider Communication in Pediatric Type 1 Diabetes Clinical Care. Paper presented at the 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA.
11. Naar-King, S; **Idalski Carcone, A**; Jen, KL; Cunningham, P. (2016). A SMART Design for Testing Strategies to Reduce Weight among African American Adolescents: Primary Outcomes and Moderators. Paper presented at the 14th International Congress of Behavioral Medicine, Melbourne, Au.
12. Jacques-Tiura, AJ; Naar-King, S; Ellis, D; **Idalski Carcone, A**; Hartlieb Brogan, KE. (2016). A SMART Design for Testing Methods to Reduce Weight among African American Adolescents: Effects of Executive Function and Relative Reinforcing Value of Food. Paper presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
13. Xu, H*; Dong, M; Zhu, D; Kotov, A; **Idalski Carcone, A**; Naar-King, S. (2016). Text Classification with Topic-based Word Embedding and Convolutional Neural Networks. Paper presented at the 7th ACM Conference on Bioinformatics, Computational Biology, and Health Informatics (ACM BCB), Seattle, WA.
14. **Idalski Carcone, A**; Ellis, DA; Ondersma, S; Naar-King, S; Moltz, K. (2015). Preventing Declines in Glycemic Control By Targeting Parental Monitoring in Type 1 Diabetes. Paper presented at the 36th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Antonio, TX.

15. Kotov A, Hasan M*, **Carcone A**, Dong M, Naar-King S, Brogan Hartlieb K. (2015). Interpretable Probabilistic Latent Variable Models for Automatic Annotation of Clinical Text. Paper presented at Proceedings of American Medical Informatics Association (AMIA) Annual Symposium, San Francisco, CA. PMID: 26958214
16. Naar, S., **Idalski Carcone, A**; Ellis, DA. (2015) Translating Basic Behavioral Science of Learning and Motivation into an Adaptive Community-based Obesity Treatment for African American Adolescents. Paper presented at ObesityWeek 2015, a joint conference presented by the American Society for Metabolic & Bariatric Surgery (ASMBS) and The Obesity Society (TOS), Los Angeles, CA.
17. Naar-King S, Ellis DA, Jacques-Tiura AJ, **Idalski Carcone A**, Brogan Hartlieb KE, Jen KLC. (2015) Translating Basic Behavioral Science of Learning and Motivation into an Adaptive Community-based Obesity Treatment for African American Adolescents. Presentation at the American Psychological Association, Toronto, ON; August 2015.
18. Kotov A, **Carcone A**, Dong M, Naar-King S, Brogan K. (2014). Towards Automatic Coding of Interview Transcripts for Public Health Research. Paper presented at Proceedings of the Big Data Analytic Technology For Bioinformatics and Health Informatics Workshop (KDD-BHI) in conjunction with ACM SIGKDD Conference on Knowledge Discovery and Data Mining, New York, New York.
19. Brogan, K.; Roxas Jr., R.; **Idalski Carcone, A.**; Nnodim Opara, I. (2014). Enhancing Behavior Change Communication in Medicine Pediatric Residents: A Pilot Project. Paper presented at the Fourth International Conference on Motivational Interviewing, Amsterdam, Netherlands.
20. Zhang, L., Ellis, D., Naar-King, S., Moltz, K., **Carcone, A.**, Dekelbab, B. Effects of Family Structure, Family Socioeconomic Status and Ethnicity on Parental Monitoring among Adolescents With Type 1 Diabetes. Pediatric Academic Societies and Asian Society for Pediatric Research (PAS) Joint Meeting, Vancouver, Canada, May3-6, 2014.
21. **Idalski Carcone, A.**; Naar-King, S.; Eggly, S.; Brogan, K.E.; & Albrecht, T. (2013). Using Thin Slices to Code Motivational Interviewing Counseling Sessions. Paper presented at the International Conference on Communication in Healthcare, Montréal, Quebec.
22. **Idalski Carcone, A.**; Naar-King, S.; Brogan, K.E.; & Ellis, D.A. (2013). New Methodology to Predict Adolescent's Motivation to Change Weight-Related Behaviors During Motivational Interviewing Sessions. Paper presented at the 34th Annual Meeting and Scientific Sessions of the Society for Behavioral Medicine, San Francisco, CA.
23. **Idalski Carcone, A.**; Ellis, D.A.; Naar-King, S.; Ondersma, S. (2012). Developing a Computer-Delivered, Brief Motivational Intervention to Improve Parental Monitoring of Children's Diabetes Care. Paper presented at the Third International Conference on

Motivational Interviewing, Venice, Italy.

24. Brogan, K.E.; Naar-King, S.; Ellis, D.A.; **Idalski Carcone, A.** (2012). Development and Reliability of a Coding System for Family-based Motivational Interviewing Targeting Adolescent Health Behaviors. Paper presented at the Third International Conference on Motivational Interviewing, Venice, Italy.
25. **Idalski Carcone, A.**; Ellis, D. A.; Weisz, A. (2011). Social support for adolescents with diabetes: Support for adolescents and caregivers. Paper presented at the Annual Conference of the Society for Social Work and Research, Tampa, FL.
26. Brogan, K.; Naar-King, S.; Yeh, Y.*, **Idalski Carcone, A.**, Madson, M. (2011). Client Evaluation of Motivational Interviewing (CEMI) Scale with Obese African American Adolescent-Caregiver Dyads. Paper presented at The Obesity Society Annual Meeting, Orlando, FL.
27. Ellis, D. A.; Naar-King, S.; Arfken, C.; Cunningham, P.; Moltz, K.; **Idalski Carcone, A.** (2010). High risk youth with diabetes need home-based behavioral interventions. Paper presented at the Scientific Sessions of the American Diabetes Association, Orlando, FL.
28. Ellis, D. A.; Frey, M.; Naar-King, S.; **Idalski, A.**; Cakan, N. (2005). Use of Multisystemic Therapy to improve regimen adherence among adolescents with type 1 diabetes in chronic poor metabolic control: A randomized controlled trial. Paper presented at the Scientific Sessions of the American Diabetes Association, San Diego, CA.

Local/regional

1. Butame, S*, **Idalski Carcone, A.**; Coyle, K; Naar, S. (2018, October) *Applying the EPIS model to the implementation and sustainment of evidence-based practices in adolescent HIV clinics*. Presentation at the 6th Annual Postdoctoral Symposium. Tallahassee, FL: Florida State University, Office of Postdoctoral Affairs
2. Hasan, M*, **Idalski Carcone, A.**, Kotov, A, Naar, S, Hartlieb, KEB, Eggly, S, Alexander, G, Dong, M. (2018, September). *Machine Learning Technology to Advance the Communication Science of E-mail Based Behavioral Interventions*. Presentation at the 4th Annual Researchers of Biobehavioral Health in Urban Settings Today (RoBUST) Fall Symposium hosted by Wayne State University, Detroit, MI
3. **Idalski Carcone, A.** (2017). *Provider Communication Strategies That Promote Behavior Change*. Presentation at the Michigan Medicine 5th Annual Social Work Research Symposium, Ann Arbor, MI.
4. Rajkumar, D*; Rumschlag, G*, **Idalski Carcone, A.**; Buggs, C, Ellis, D. (2017). *Translating Home-Based Intervention to Improve Adherence and Metabolic Control among Adolescents with Type 1 Diabetes*. Presentation at the Department of Family Medicine and Public Health Sciences Research Day, Wayne State University, Detroit, MI.

5. Graham, A*; Ellis, D; **Carcone, A**; Naar-King, S; Sibinga, E; Hains, A; Slacher, R. (2017). *A Randomized Controlled Trial of MBSR versus CBT for Stress Reduction in Older Adolescents and Young Adults with Poorly Controlled Type 1 Diabetes*. Presentation at the RoBUST Fall Research Symposium presented by WSU, Detroit, MI.
6. Clark, J*; **Idalski Carcone, A**; Naar, S. (2017). *Provider Behaviors that Predict Change Talk in HIV: A Study of Communication Using the Motivational Interviewing Framework*. Paper presented at the 16th Annual Pediatric Research Day, presented by WSU/CHM, MSU, and in association with the NIEHS Superfund Research Program Community Engagement Core, Detroit, MI.
7. **Idalski Carcone, A.**; Kernsmith, P.D.; Weisz, A. N.; Black, B.; Chiodo, L.; & Lewandowski, L. (2009). *Peer support and the experience of community violence: Differences among African American and Iraqi adolescents in southeast Michigan*. Paper presented at the Annual Meeting of the Michigan Academy of Science, Arts, & Letters in Detroit, MI.

Poster Presentations (refereed)

International/national

1. Butame, S*; **Idalski Carcone, A**; Coyle, K; Naar, S; Parsons, J. (2018, December). Effectiveness-implementation research to enhance HIV-related self-management among youth: An application of the exploration-preparation-implementation-sustainment (EPIS) model. Poster presented at the 11th Annual Conference on the Science of Dissemination and Implementation in Health in Washington, DC.
2. Graham, A, Ellis, DA, **Idalski Carcone, AM**, Naar, S, Hains, A, Sibinga, E, & Slatcher, R. (2018, April). A Randomized Controlled Trial of MBSR versus CBT for Stress Reduction in Older Adolescents and Young Adults with Poorly Controlled Type 1 Diabetes. Poster presented at the 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA.
3. Martinez, S.; Durkin, J; Brogan Hartlieb, K; Naar, S; Ellis, D; Eggly, S; **Idalski Carcone, A.** (2018, April). Patient-Provider Communication in Motivational Interviewing Weight Loss Sessions with African American Youth and Caregivers. Poster presented at the 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA.
4. **Idalski Carcone, A**; Ellis, DA.; Palmisano, G. (2017). Translating an Intensive Behavioral Intervention for Delivery by CHWs. Poster presented at the 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA.
5. Cockern, N; **Idalski Carcone, A.**; Naar-King, S. (2017). Utilizing Communication Science to Tailor Motivational Interviewing Training for Healthcare Providers. Poster presented at the Motivational Interviewing Network of Trainer Forum, Dublin, Ireland.

6. Towner, EK; Hart, C. N., Guthrie, K. M., **Idalski Carcone, A.**, Eghtedary, K., Thompson, V., & Jelalian, E. (2017). A Pilot Randomized Controlled Trial to Develop a Preschool Obesity Intervention for WIC Families: Outcomes and Lessons Learned. Poster presented at the 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA.
7. **Idalski Carcone, A.**; Kotov, A; Dong, M; Xu, H*; Hasan, M*; Naar-King, S. (2016). Accelerating the Pace of Qualitative Communication Research with Computational Technology. Poster presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
8. Towner, EK; **Idalski Carcone, A.** (2016). Preliminary outcomes from Project Grow Strong. Poster presented at ObesityWeek 2016, a joint conference presented by the American Society for Metabolic & Bariatric Surgery (ASMBS) and The Obesity Society (TOS), New Orleans, LA.
9. Brogan, KE; Naar-King, S; Jacques-Tiura, AJ; **Idalski Carcone, A.** (2015). Translating Basic Behavioral Science of Learning and Motivation into an Adaptive Community-Based Obesity Treatment for African American Adolescents. Poster presented at the Association for Psychological Science's 27th Annual Convention, New York, NY.
10. **Idalski Carcone, A.**; Naar-King, S; Ellis, DA; Templin, TN; Jacques-Tiura, AJ; Brogan, KE; Cunningham, P; Jen, KL. (2014). Fit Families: Specifying an Adaptive Behavioral Treatment for Obese African American Adolescents with a Sequential Multiple Assignment Randomization Trial (SMART). Poster presented at ObesityWeek 2014, a joint conference presented by the American Society for Metabolic & Bariatric Surgery (ASMBS) and The Obesity Society (TOS), Boston, MA.
11. May,D., Ellis, D.A., **Idalski Carcone, A.**, Chen, X., Naar-King, S., Dekelbab, B., and Molz, K. (2014). Improving Parental Monitoring and Diabetes Management with Computer Delivered Motivational Intervention for Youth with Diabetes and Their Caregivers. Poster presented at the National Conference in Clinical Child and Adolescent Psychology. Lawrence, KS.
12. Ellis, D.A., Naar-King, S. Sibinga, E., Slatcher, R. **Idalski Carcone, A.**, Moltz, K. (2014). Feasibility of Mindfulness Intervention To Improve Health Outcomes in Older Adolescents and Young Adults with Type 1 Diabetes. Poster presented at the American Diabetes Association Annual Scientific Sessions, San Francisco, CA.
13. Zhang, L.; Ellis, D.; Naar-King, S.; Moltz, K.; **Idalski Carcone, A.**; Dekelbab, B. (2014). Effects of minority, family structure and family socioeconomic status on parental monitoring among adolescents with type 1 diabetes. Poster presented at Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting, Vancouver, BC.
14. **Idalski Carcone, A.**; Ellis, D.A.; Naar-King, S.; Ondersma, S.; Moltz, K.M. (2013) Beta

- Testing an Internet-Based Intervention to Enhance Parental Supervision and Monitoring of African American Adolescent's Diabetes Care. Poster presented at the 34th Annual Meeting and Scientific Sessions of the Society for Behavioral Medicine, San Francisco, CA.
15. Jacques-Tiura, A. J.; Naar-King, S.; **Idalski Carcone, A.**; Brogan, K. E.; King, P.; & Ellis, D. A. (2013) Caregivers' Personal and Neighborhood Stressors Decrease Adolescents' Weight-Loss Session Attendance and Healthy Strategies. Poster presented at the 34th Annual Meeting and Scientific Sessions of the Society for Behavioral Medicine, San Francisco, CA.
 16. Jacques-Tiura, A. J.; Naar-King, S.; **Idalski Carcone, A.**; Brogan, K. E.; Albrecht, T. & Barton E. (2013) Using Sequential Analysis to Predict Motivation to Change Weight-Related Behaviors in a Sample of African American Caregivers of Adolescents with Obesity. Poster presented at the 25th Annual Meeting of the Association for Psychological Science, Washington, DC.
 17. May, D., Ellis, D.A.; Cano, A.; Naar-King, S.; Cunningham, P.B.; Moltz, K.M.; **Idalski Carcone, A.** (2012). Importance of Parental Monitoring and Parental Emotional Support in Adherence and Metabolic Control in Youth with Type 1 Diabetes. Poster presented at the 24th Annual Meeting of the Association for Psychological Science, Chicago, IL.
 18. **Idalski Carcone, A.**; Ellis, D. A.; Naar-King, S. (2010). Measuring illness management behaviors on intensive insulin regimens: A revision of the twenty-four hour recall interview. Poster presented at the Scientific Sessions of the American Diabetes Association, Orlando, FL.
 19. **Idalski Carcone, A.**; Kolmodin, K.; Naar-King, S.; Ellis, D. A.; Cunningham, P. B.; Kaljee, L. (2008). Improving retention in family therapy for overweight urban youth: A qualitative approach to understanding treatment engagement. Poster presented at the Annual Conference of the Society for Social Work and Research, Washington D.C.
 20. **Idalski Carcone, A.** (2008). Importance of the peer group among homeless youth: The social support network. Poster presented at the Annual Program Meeting of the Council for Social Work Education in Philadelphia, PA.
 21. **Idalski Carcone, A.** (2007). Engaging families in treatment: Using qualitative methodology to understand treatment engagement. Poster presented at the Annual Program Meeting of the Council for Social Work Education in San Francisco, CA.
 22. Podolski, C.; Ellis, D. A.; Moltz, K.; Templin, T.; Frey, M.; Naar-King, S.; **Idalski, A.** (2006). Diabetes specific parental monitoring in adolescents with type 1 diabetes: Implications for urban youth. Poster presented at the National Conference on Child Health Psychology, American Psychological Association, Society of Pediatric Psychology, Gainesville, FL.

23. **Idalski, A.**; Ellis, D. A.; Naar-King, S.; Frey, M.; Podolski, C.; Cakan, N. Cunningham, P. (2006). Overestimation of diabetes care responsibility among adolescents with type I diabetes in chronically poor metabolic control: Findings from a randomized controlled trial of MST. Poster presented at the National Conference on Child Health Psychology, American Psychological Association, Society of Pediatric Psychology, Gainesville, FL.
24. Podolski, C. L.; Naar-King, S.; Ellis, D. A.; Frey, M.; **Idalski, A.**; Cunningham, P.; Cakan, N. (2005). A social ecological model of adherence in urban youth with poorly controlled type 1 diabetes. Poster presented at the Scientific Sessions of the American Diabetes Association, San Diego, CA.
25. **Idalski, A.**; Naar-King, S.; Ellis, D. A.; Frey, M.; Templin, T. Cunningham, P. (2004). Gender differences in behavioral symptoms, adherence, and metabolic control among poorly controlled urban adolescents with type 1 diabetes. Poster presented at the National Conference on Child Health Psychology, American Psychological Association, Society of Pediatric Psychology, Charleston, SC.

Local/regional

1. Elmadawy, H*; **Idalski Carcone, A**; Coyle, K; Naar, S. (2019, Apr) Examining Barriers to the Implementation of Evidence Based Practices in HIV treatment and Prevention Clinics. Poster presented at the 3rd Annual Department of Family Medicine and Public Health Sciences Research Day, Wayne State University, Detroit, MI.
2. Elmadawy, H*; **Idalski Carcone, A**; Coyle, K; Naar, S. (2019, Apr) Examining Barriers to the Implementation of Evidence Based Practices in HIV treatment and Prevention Clinics. Poster presented at Medical Equity's 3rd Annual Health Disparities Research Conference, at Wayne State University, Detroit, MI.
**This presentation earned a first place prize in the poster presentation division.*
3. Sundar, A*; Njubigbo, CS; **Idalski Carcone, A**; Ellis, DA. (2019, Jan). Enhancing Parental Motivation to Monitor African American Adolescents' Diabetes Care: Continuation of Beta Test of a Brief Computer-Delivered Intervention. Poster presented at the Medical Student Research Symposium presented by WSU SOM, Detroit, MI.
4. Njubigbo, CS*; Sundar, A; **Idalski Carcone, A**; Ellis, DA. (2018, July). Enhancing Parental Motivation to Monitor African American Adolescents' Diabetes Care: Continuation of Beta Test of a Brief Computer-Delivered Intervention. Poster presented at the ReBUIDetroit Summer Research Symposium presented by WSU, Detroit, MI.
5. Hasan, M, **Idalski Carcone, A**, Kotov, A, Naar, S, Brogan Hartlieb, KE, Eggly, S, Alexander, GA; Dong, M. (2018, April). Machine Learning Technology to Advance the Communication Science of Motivational Interviewing. 24th Annual Department of Family Medicine and Public Health Sciences Research Day. Wayne State University, Detroit, MI: Department of Family Medicine and Public Health Sciences.
6. Saleh, H*; Rajkumar, D*; **Idalski Carcone, A**; Ellis, DA. (2017). A Revised Twenty-

- Four Hour Recall Interview (24HRI) as a Reliable and Valid Measure of Illness Management Adherence by Adolescents with Type 1 Diabetes. Poster presented at the RoBUST Fall Research Symposium presented by WSU, Detroit, MI.
7. Rajkumar, D*, Rumschlag, G*, **Idalski Carcone, A**, Buggs, C, Ellis, D. (2017). Translating Home-Based Intervention to Improve Adherence and Metabolic Control Among Adolescents With Type 1 Diabetes. Poster presented at the 40th Annual Michigan Family Medicine Research Day, hosted by Cleary University, Howell, MI.
 8. Martinez, S; Durkin, J; Brogan-Harlieb, K; Naar, S; **Idalski Carcone, A**. (2017) Patient-Provider Communication Patterns in Motivational Interviewing-Based Weight Loss Sessions with African American Adolescents and Caregivers. Poster presented at the 16th Annual Pediatric Research Day: Precision Medicine in Pediatrics, presented by WSU/CHM and MSU, Detroit, MI.
 9. Zhang, L, MacDonell, Koci, V, **Idalski Carcone, A**. (2017). Review the disclosure of diagnosis to patients with cancer in China: Tell or not tell? Poster presented at the The Second Fudan University – Wayne State University Colloquium in Precision and Translational Medicine, hosted by Wayne State University, Detroit, MI.
 10. Durkin, J; **Idalski Carcone, A**; Harlieb, K; Naar, S. (2016). Characterizing Patient-Provider Communication in Motivational Interviewing-Based Treatment Sessions with African American Families. Poster presented at the 15th Annual Pediatric Research Day, presented by WSU/CHM, MSU, and in association with the NIEHS Superfund Research Program Community Engagement Core, Grand Rapids, MI.
 11. Martinez, S; **Idalski Carcone, A**; Ellis, DA; Chapman, J. (2016) Developing a Fidelity Measure for Take Control: An Intensive Family Intervention Delivered by Community Health Workers. Poster presented at the 15th Annual Pediatric Research Day, presented by WSU/CHM, MSU, and in association with the NIEHS Superfund Research Program Community Engagement Core, Grand Rapids, MI.
 12. Towner, E., Hill, A., Hart, C.; Jelalian, E.; **Idalski Carcone, A**; Thompson, V; Eghtedary, K. (2015). Food Purchasing Patterns and the Home Food Environment for Overweight and Obese Families Living in the Detroit ‘Food Desert’. Poster presented at the RoBUST Fall Research Symposium presented by WSU, Detroit, MI.
 13. Walker, J.; **Idalski Carcone, A**; Eghtedary, K.; Thompson, V; Towner, E. (2015). Recruitment of Families from Low-Income and Minority Backgrounds into a Preschool Obesity Intervention Study. Poster presented at the RoBUST Fall Research Symposium presented by WSU, Detroit, MI.
 14. Durkin, K.; Jelalian, E.; Hart, C.; **Idalski Carcone, A**; Eghtedary, K.; Thompson, V; Towner, E. (2015). The relationship between mood, stress, and feeding in African-American families of overweight and obese preschoolers from low-income backgrounds. Poster presented at the RoBUST Fall Research Symposium presented by WSU, Detroit,

MI.

15. Walker, J.; **Idalski Carcone, A**; Eghtedary, K.; Thompson, V; Towner, E. (2015). Recruitment of Families from Low-Income and Minority Backgrounds into a Preschool Obesity Intervention Study. Poster presented at 14th Annual Pediatric Research Day, presented by WSU/CHM, MSU, and in association with the NIEHS Superfund Research Program Community Engagement Core, Detroit, MI.
16. May,D., Ellis, D.A., **Idalski Carcone, A.**, Chen, X., Naar-King, S., Dekelbab, B., and Molz, K. (2015). Improving Parental Monitoring and Diabetes Management with Computer Delivered Motivational Intervention for Youth with Diabetes and Their Caregivers. Poster presented at 14th Annual Pediatric Research Day, presented by WSU/CHM, MSU, and in association with the NIEHS Superfund Research Program Community Engagement Core, Detroit, MI.
17. Durkin, K.; Jelalian, E.; Hart, C.; **Idalski Carcone, A**; Eghtedary, K.; Thompson, V; Towner, E. (2015). A comprehensive evaluation of overweight and obese preschoolers' daily physical and sedentary activity. Poster presented at 14th Annual Pediatric Research Day, presented by WSU/CHM, MSU, and in association with the NIEHS Superfund Research Program Community Engagement Core, Detroit, MI.
18. Naar, S.; Ellis, D. A.; Jen, K-L; **Idalski Carcone, A.**; Courtney, R. (2015). Adaptive Community-based Obesity Treatment for African American Adolescents. Poster presented at 14th Annual Pediatric Research Day, presented by WSU/CHM, MSU, and in association with the NIEHS Superfund Research Program Community Engagement Core, Detroit, MI.
19. Glick, E.*; **Idalski, A.**; Kavanaugh, K. (2014). Are Children with Type I Diabetes Happy with Their Physician? Examining the Relationship between Diabetes Outcomes and Satisfaction with the Physician. Best Student Poster at College of Nursing Research Day, Detroit, MI.
20. Glick, E.*; **Idalski, A.**; Kavanaugh, K. (2013). Are Children with Type I Diabetes Happy with Their Physician? Examining the Relationship between Diabetes Outcomes and Satisfaction with the Physician. Poster presented at the 8th Annual Children's Hospital of Michigan Nursing Conference Excellence in Nursing: Research/Practice/Innovation; Grosse Pointe, MI.
21. **Idalski, A.**; Ellis, D. A.; Naar-King, S. & Frey, M. A. (2006). Recruiting and retaining urban populations with chronic medical conditions for research: Lessons learned from a randomized clinical trial. Poster presented at The Well-Being of Children and Youth in Urban America: Best Practices to Next Practices Conference by Wayne State University's Children's Bridge and Children's Hospital of Michigan, Detroit, MI.
22. Frey, M. A.; Podolski, C. L.; Ellis, D. A.; Naar-King, S.; **Idalski, A.**; Cunningham, P. & Cakan, N. (2005). The effect of intensive home based family therapy on stress reduction

in adolescents with type 1 diabetes: A randomized clinical trial. Poster presented at Nursing Research Day, Wayne State University, College of Nursing, Detroit, MI.

23. **Idalski, A.**; Naar-King, S.; Ellis, D. A.; Frey, M.; Templin, T. & Cunningham, P. (2004). Gender differences in behavioral symptoms, adherence, and metabolic control among poorly controlled urban adolescents with type 1 diabetes. Poster presented at Promoting the Well-Being of Children and Youth in Urban America, Wayne State University Children's Bridge, Detroit, MI.

Other

International/national

1. Butame, S*, **Idalski Carcone, A**; Coyle, K; Naar, S. (2018, October). Applying the EPIS model to the implementation and sustainment of evidence-based practices in adolescent HIV clinics Poster presented at the Adolescent Trials Network (ATN) 2018 Fall Meeting, hosted by the Eunice Kennedy Shriver National Institute of Child Health and Human Development, in Washington, DC.
2. Brogan Hartlieb, K. (2016). What can sequential coding teach us about MI with families (Adolescent-Parent-Counselor)? Workshop presented at the Motivational Interviewing Network of Trainers Annual Forum, Montreal, Canada.
Dr. Hartlieb presented our collaborative work at a clinical professional meeting at which abstract authors must be members.
3. **Idalski, A.** (2001). Using research and evaluation results to identify the needs of adjudicated female adolescents and to develop responsive program models. Workshop presented at the Child Welfare League of America National Conference on Research in Child Welfare and Western Training Conference, Denver, CO.
4. **Idalski, A.** (2001). Do youth experience success after program? Using post-program follow up surveys to evaluate intermediate outcomes. Workshop presented at the 10th Annual Information Technologies Conference, Child Welfare League of America Walker Trieschman Center, Portland, OR.

Local/regional

1. **Idalski, A.** (2001). Gender responsive treatment: Using research and evaluation findings to meet the needs of delinquent female youth. Workshop presented at the Understanding Individualized Needs of Youth Conference, Bethany Christian Services, Maxey Training School and Wedgwood Christian Youth and Family Services, East Lansing, MI.
2. **Idalski, A.** (2001). New voices: Female youth share their experiences with residential treatment. Workshop presented at the University of Michigan Qualitative Research Forum, Ann Arbor, MI.

Invited Lectures/Presentations

International/national

1. **Idalski Carcone, A.** (2015). Sequential Analysis of Motivational Interviewing Counseling Sessions to Identify Causal Linkages in Patient-Provider Communication. Invited presentation at the Micro Forum on Public Health and Health Policy, Nanjing Medical University, Nanjing, China.
2. **Idalski Carcone, A.** (2014). Analyzing Patient-Provider Communication in Clinical Contexts to Identify Novel Behavior Change Targets. Invited presentation to NIH Workshop on Innovative Study Designs and Methods for Developing, Testing and Implementing Behavioral Interventions to Improve Health, Bethesda, MD.

Local/regional

1. **Idalski Carcone, A.** (2017). *Behavioral Intervention to Reduce Obesity and Associated Risks in African American Adolescents*. Presentation at the Urban Environmental Influences on Metabolic Health Symposium hosted by Wayne State University's Center for Urban Responses to Environmental Stressors (CURES), Wayne State's DOTS (Diabetes, Obesity and Team Science) group, and the Michigan Chapter of the Society of Toxicology, Detroit, MI.
2. **Idalski Carcone, A.** (2017). *Sequential Analysis of Observational Data: Going Beyond Tallies and Toward Causality*. Presentation at the Diabetes & Obesity Team Science (DOTS) Seminar, Wayne State University, Detroit, MI.
3. **Idalski Carcone, A.** (2017). *Patient-Provider Communication that Promotes Behavior Change*. Presentation at the Population Studies & Disparities Research Seminar, Wayne State University/Karmanos Cancer Institute, Detroit, MI.
4. **Idalski Carcone, A.;** Kotov, A. (2016). Accelerating the Pace of Qualitative Communication Research with Computational Technology. Presentation at the Researchers of Biobehavioral Health in Urban Settings Today (RoBUST) Brown Bag Seminar, Wayne State University, MI.
5. **Idalski Carcone, A.** (2016). Communication to Promote Behavior Change: It's Not Just What You Say, but How You Say It. Presentation at the 22nd Annual Department of Family Medicine & Public Health Sciences Research Day, Crittendon Hospital, Rochester, MI.
6. Naar, S and **Idalski Carcone, A.** (2015). Evidence-Based Communication to Promote Health Behavior Change: An Introduction to Motivational Interviewing. Keynote Address at 2015 Michigan Healthy Mothers, Healthy Babies Conference, Romulus, MI.