

RVUCOM PHYSICIAN SCIENTIST TRACK RESEARCH

Name:

Tylynn Zarbock
OMS III

Jacob J Stuppy,
MS

Project/Research

Simulation Course Informing the Adoption of Point-of-Care

Technologies: Development and testing of the Adopt POC Technology Assessment Program”

PUBLICATIONS-

1. Youth with Type 1 Diabetes Have Adipose, Hepatic and Peripheral IR.
2. Youth with Type 2 Diabetes Have Hepatic and Peripheral IR.
3. Muscle Insulin Resistance in Metabolically Healthy Obese Youth Is Associated with Altered Fat Metabolism. Obesity.
4. Excess De Novo Lipogenesis Mediates Hepatic Steatosis in Obese Adolescents with Polycystic Ovarian Syndrome

POSTER PRESENTATIONS

1. Youth with Type 1 Diabetes have Hepatic and Peripheral Insulin Resistance.
2. Simultaneous Modeling of Glucose and Glycerol rates of Appearance in Youth with and without Type 1 Diabetes.
3. Youth with Type 2 Diabetes have Hepatic, Adipose and Peripheral Insulin Resistance.
4. Muscle Insulin Resistance in Metabolically Healthy Obese Youth is Associated with Altered Fat Metabolism.
5. Excess De Novo Lipogenesis Mediates Hepatic Steatosis in Obese Adolescents with Polycystic Ovarian Syndrome.

Presentation

Poster presentation and in process of submitting for publication in the Journal of Surgical Education Poster at the PBRN Conference June 2018

PUBLICATIONS-

1. J Clin Endocrinol Metab. (2018-10-01) DOI: 10.1210/jc.2018-00433
2. American Journal of Physiology (2018-12-18) DOI: 10.1152/ajpendo.00258.208 Pediatric
3. Endocrine Society 2018, Chicago, Illinois, March 2018
4. Endocrinology Symposium, 2018, Aurora, Colorado, August 2018

POSTERPRESENTATION

1. Winter & Spring Pediatric Research Poster Session, Anschutz Medical Campus, Aurora, CO May 2017 Rocky Vista research Appreciation Day, Parker, CO Nov 2017
2. American Diabetes Association's 77th Scientific Sessions. San Diego, CA, June 2017
3. ISPAD 2017, Innsbruck, Austria, October 2017
4. Endocrine Society 2018, Chicago, Illinois, March 2018
5. Pediatric Endocrine Symposium, 2018, Aurora, Colorado, August 2018

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<u>Name:</u>	<u>Project/Research</u>	<u>Presentation</u>
Elesa Yihdego	<p><u>ORAL PRESENTATION-</u></p> <ol style="list-style-type: none">1. Youth with Type 1 Diabetes Have Adipose, Hepatic and Peripheral Insulin resistance.2. Youth with Type 2 Diabetes Have Hepatic Adipose, and Peripheral Insulin resistance.3. Excess De Novo Lipogenesis Mediates Hepatic Steatosis in Obese Adolescents with Polycystic Ovarian Syndrome. <p><u>POSTER PRESENTATIONS</u></p> <ol style="list-style-type: none">1. Youth with Type 1 Diabetes have Hepatic and Peripheral Insulin Resistance.2. Simultaneous Modeling of Glucose and Glycerol rates of Appearance in Youth with and without Type 1 Diabetes.3. Youth with Type 2 Diabetes have Hepatic, Adipose and Peripheral Insulin Resistance.4. Muscle Insulin Resistance in Metabolically Healthy Obese Youth is Associated with Altered Fat Metabolism.5. Excess De Novo Lipogenesis Mediates Hepatic Steatosis in Obese Adolescents with Polycystic Ovarian Syndrome.	<p><u>ORAL PRESENTATION-</u></p> <ol style="list-style-type: none">1. Western Medical Research Conference, Carmel, CA, January 20172. Western Medical Research Conference, Carmel, CA, January 20183. Western Medical research Conference, Carmel, CA, January 2019 <p><u>POSTER PRESENTATION</u></p> <ol style="list-style-type: none">1. Winter & Spring Pediatric Research Poster Session, Anschutz Medical Campus, Aurora, CO May 2017 Rocky Vista research Appreciation Day, Parker, CO Nov 20172. American Diabetes Association's 77th Scientific Sessions. San Diego, CA, June 20173. ISPAD 2017, Innsbruck, Austria, October 20174. Endocrine Society 2018, Chicago, Illinois, March 20185. Pediatric Endocrine Symposium, 2018, Aurora, Colorado, August 2018
	<p><u>POSTER PRESENTATION</u></p> <p>The Association of the Child Opportunity Index and Adverse Birth Outcomes</p> <p><u>PUBLICATIONS</u></p> <p>The Hepatic Innate Immune response is Lobe Specific in a Murine Model Endotoxemia</p>	<p><u>POSTER PRESENTATION</u></p> <p>Poster</p> <p><u>PUBLICATIONS</u></p> <p>Submitted for publication to Innate Immunity</p>

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<u>Name:</u>	<u>Project/Research</u>	<u>Presentation</u>
<p style="text-align: center;"><i>W. Tyler Crawley,</i> <i>OMS II</i></p>	<p>α-Tocopheryl Succinate Sensitizes the Human Breast Cancer Cells to Doxorubicin and Reduces Doxorubicin Induced Cardiotoxicity</p> <p style="text-align: center;"><u>PUBLICATIONS</u> The U- Shaped Effect of Uric Acid</p> <p style="text-align: center;"><u>PUBLICATIONS</u></p> <ol style="list-style-type: none"> 1. Altered Glutamate Clearance in Ascorbate Deficient Mice Increases Seizure Susceptibility and Contributes to Cognitive Impairment in APP/PSEN1 Mice 2. RESEARCH-Public Health Aspect of Homelessness. 3. EDITORIAL- Hidden in Plain Sight: The Art of Observation in Medicine 4. ORAL- Behavior Health in Homeless Population in Colorado Springs 5. ORAL-Efficacy of Annual Mammography in Women Aged 40-49 in a Community Hospital 	<p><u>ORAL PRESENTATION-</u> RVU Research Appreciation Day – (1st Place Finish) <u>POSTER PRESENTATION</u> ROME Conference- poster presentation (2nd place finish)</p> <p style="text-align: center;"><u>PUBLICATIONS</u> In process</p> <p style="text-align: center;"><u>PUBLICATIONS</u></p> <ol style="list-style-type: none"> 1. Neurobiology of Aging. 2018; 71:241-254. DOI: 10.1016/j.neurobiolaging.2018.08.002. 2. RESEARCH-Western States Medical Monographs TR-01-2018, January 24, 2018 3. EDITORIAL-Colorado Medicine (Sept/Oct2018) 4. ORAL-Presented at: El Paso County Health Department, Mini-symposium; Colorado Springs, CO (Oct-2017) 5. ORAL-__Presented at: Breast Center of Excellence Administration Conference; Pueblo, CO (May 2017) ORAL-Presented at: RVU COM Research Day; Parker CO (October 2016)
<p style="text-align: center;"><i>Lisa Moore</i></p>		

RVUCOM PHYSICIAN SCIENTIST TRACK RESEARCH

Name:

Natalie Poliektov

Project/Research

RESEARCH-On Assessing the Safety and Efficacy of Early Feeding in Patients Receiving Outpatient Percutaneous Gastrostomy Tubes

PUBLICATION-

1. Treatment of liver tumors with transarterial chemoembolization
2. Learning about the doctor-patient partnership

POSTER- gastrostomy tube placement

ORAL-Nicotinamide mononucleotide supplementation reverses vascular dysfunction and oxidative stress with aging in mice.

Presentation

RESEARCH- The University of Colorado Hospital (2018-2019)

PUBLICATION-

1. *Seminars in Interventional Radiology*. 2018;35:1-7
2. *Colorado Medicine*. 2017; May/June (114):44

POSTER- : RVUCOM Research Appreciation Day November 2017

ORAL- RVUCOM Research Appreciation Day October 2016