

# ANAYA MITRA

[amitra@stkate.edu](mailto:amitra@stkate.edu)

O: 651-690-8614, C: (352) 281-9315

121 Washington Ave. S #1717,  
Minneapolis, MN 55401

## EDUCATION

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<b>University of Florida</b> PhD in Psychology (Behavioral Neuroscience) <i>Effect of Perinatal High Fat Diet on Stress Responsivity, Motivation, and the Induction of Metabolic Syndrome in Offspring using a Borderline Hypertensive Rodent Model</i>	Gainesville, FL	August 2008
<b>University of Florida</b> MPH in Public Health <i>Smoking Cessation: From Blocking the High to Breaking the Habit</i>	Gainesville, FL	May 2008
<b>University of Florida</b> MS in Psychology (Behavioral Neuroscience) <i>Investigating the Physiological Role of Apelin-13 on Fluid Consumption and Blood Pressure</i>	Gainesville, FL	August 2005
<b>Gustavus Adolphus College</b> BA in Biology and Psychology <i>The Effect of Retinoic Acid on Development and Viability of <u>Drosophila melanogaster</u></i>	St. Peter, MN	May 2003

## TEACHING

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<b>St. Catherine University</b> Associate Professor of Psychology Psychology of Eating, PSYC 4994, Class size 14 students; taught fully online	St. Paul, MN	Spring 2021
<b>St. Catherine University</b> Associate Professor of Psychology Statistics, PSYC 1090, Class size 20 students; taught fully online	St. Paul, MN	Fall 2020
<b>St. Catherine University</b> Associate Professor of Psychology Memory and Cognition, PSYC 3450, Class size 18 students; Feb-Mar in-person, Mar – May online	St. Paul, MN	Spring 2020
<b>St. Catherine University</b> Associate Professor of Psychology Statistics, PSYC 1090, Class size 18 students	St. Paul, MN	Fall 2019
<b>St. Catherine University</b> Associate Professor of Psychology Statistics, PSYC 1090, Class size 25 students Psychology of Eating, PSYC 4994, Class size 16 students	St. Paul, MN	Spring 2019
<b>St. Catherine University</b> Associate Professor of Psychology Statistics, PSYC 1090, Class size 24 students	St. Paul, MN	Fall 2018
<b>St. Catherine University</b> Associate Professor of Psychology Psychology Seminar I, PSYC 2850, Class size 16 students	St. Paul, MN	Spring 2018

<b>St. Catherine University</b> Associate Professor of Psychology Statistics, PSYC 1090, Class size 24 students	St. Paul, MN	Spring 2018
<b>St. Catherine University</b> Associate Professor of Psychology Statistics, PSYC 1090, Class size 24 students	St. Paul, MN	Fall 2017
<b>St. Catherine University</b> Assistant Professor of Psychology The Psychology of Eating with Lab, PSYC 4994, Class size 16 students Statistics, PSYC 1090, Class size 18 and 11 students (Two sections of this class)	St. Paul, MN	Spring 2017
<b>St. Catherine University</b> Assistant Professor of Psychology The Reflective Woman, CORE 1000W, Leap Section, Class size 13 students Memory and Cognition, PSYC 3450, Class size 20 students	St. Paul, MN	Fall 2016
<b>St. Catherine University</b> Assistant Professor of Psychology The Reflective Woman, CORE 1000W, Transfer Students, Class size 20 students Statistics, PSYC 1090, Class size 22 and 4 students (Two sections of this class)	St. Paul, MN	Spring 2016
<b>St. Catherine University</b> Assistant Professor of Psychology General Psychology, PSYC 1001, Class size 20 students Memory and Cognition, PSYC 3450, Class size 20 students	St. Paul, MN	Fall 2015
<b>St. Catherine University</b> Assistant Professor of Psychology Statistics, PSYC 2050, Class size 26 and 22 students (Two sections of this class) Independent Research, PSYC 4914, 1 student	St. Paul, MN	Spring 2015
<b>St. Catherine University</b> Assistant Professor of Psychology General Psychology, PSYC 1001, Class size 25 students Statistics, PSYC 2050, Class size 22 and 18 students (Two sections of this class)	St. Paul, MN	Fall 2014
<b>St. Catherine University</b> Assistant Professor of Psychology Memory and Cognition, PSYC 3450, Class size 12 students Statistics, PSYC 2050, Class size 25 and 21 students (Two sections of this class)	St. Paul, MN	Spring 2014
<b>St. Catherine University</b> Assistant Professor of Psychology General Psychology, PSYC 1001, Class size 28 students Statistics, PSYC 2050, Class size 24 and 23 students (Two sections of this class)	St. Paul, MN	Fall 2013
<b>St. Catherine University</b> Assistant Professor of Psychology General Psychology, PSYC 1001, Class size 25 students Statistics, PSYC 2050, Class size 25 and 25 students (Two sections of this class)	St. Paul, MN	Spring 2013
<b>St. Catherine University</b> Assistant Professor of Psychology	St. Paul, MN	Fall 2012

General Psychology, PSYC 1001, Class size 21 students  
 Statistics, PSYC 2050, Class size 24 and 21 students (Two sections of this class)

**St. Catherine University** St. Paul, MN Summer 2012  
 Assistant Professor of Psychology  
 Statistics, PSYC 2050, Class size 12 students

**St. Catherine University** St. Paul, MN Winter/Spring 2012  
 Assistant Professor of Psychology  
 General Psychology, PSYC 1001, Class size 15 students  
 Statistics, PSYC 2050, Class size 26 and 26 students (Two sections of this class)

**St. Catherine University** St. Paul, MN Fall 2011  
 Assistant Professor of Psychology  
 General Psychology, PSYC 1001, Class size 25 students (Two sections of this class)  
 Special Topics: Behavioral Neuroscience, PSYC 4500, Class size 9 students

**University of Minnesota** Minneapolis, MN Fall 2009  
 Mentored Teaching Experience  
 Maternal and Infant Nutrition, PUBH6902, class size approximately 30 students

- Provided 3 guest lectures
- Lecture topics were maternal obesity, gestational hypertension, fetal origins of adult disease
- Provided feedback to primary instructor about coursework that was being given to students

**University of Florida** Gainesville, FL Jan - May 2007  
 Graduate Instructor  
 Physiological Psychology, PSB 3004, class size approximately 70 students

- Lectured for a class of more than 70 sophomore to senior psychology/neuroscience students (w/co-instructor)
- Generated homework assignments, prepared exam questions and created solution sets
- Held review sessions and provided one-on-one review instruction prior to exams

**University of Florida** Gainesville, FL May - Jul 2006  
 Graduate Instructor  
 Physiological Psychology, PSB 3004, class size approximately 70 students

- Lectured for a class of more than 70 sophomore to senior psychology/neuroscience students (w/ co-instructor)
- Generated homework assignments, prepared exam questions and created solution sets
- Held review sessions and provided one-on-one review instruction prior to exams

**University of Florida** Gainesville, FL Jan - May 2005  
 Teaching Assistant  
 Comparative Psychology, CBH 3003, class size approximately 50 students

- Provided one-on-one and group instruction and review sessions
- Lectured for the class in professor's absence
- Generated homework assignments, edited exam questions, and organized grades

**Gustavus Adolphus College** St. Peter, MN Sept - Dec 2002  
 Teaching Assistant  
 General Chemistry, CHEM 101, class size approximately 25 students

- Provided one-on-one and group instruction and review sessions
- Assisted in set up and organization of laboratory exercises

## PROFESSIONAL DEVELOPMENT

**NITOP (National Institute for the Teaching of Psychology) Conference**

Attended presentations and round-table discussions on strategies to improve ones teaching. January 2018

**St. Catherine University** St. Paul, MN August 2016  
Completed an online course on Foundations of Course Design for Online Environments

**St. Thomas University** St. Paul, MN May 2016  
Workshop on Intercultural Learning in Education Abroad

**St. Catherine University** St. Paul, MN May 2016  
Completed an online course on Foundations of Teaching in Online Environments

**St. Catherine University** St. Paul, MN May 2014 and 2015  
Attended the “Core Training Workshop” to familiarize myself with teaching in the Core (The Reflective Woman)

**St. Catherine University** St. Paul, MN Sept 2014  
Attended the “Degree Works Training Workshop” to familiarize myself with the new online mentoring tool

**University of Minnesota** Minneapolis, MN Fall 2013  
Attended a 2-day conference on “Sleep and the Teenage Brain”.

**University of Minnesota** Minneapolis, MN Spring and Fall 2009  
Preparing Future Faculty Courses  
GRAD 8101 Teaching in Higher Education  
GRAD 8102 Practicum for Future Faculty

## RESEARCH/SCHOLARSHIP/MENTORING

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**St. Catherine University** St. Paul, MN Summer 2020 – Present  
*Dietary Diversity, Ultra-Processed Food Intake, and Risk for Chronic Disease*  
I am a co-PI with a faculty member in the Nutrition department on this research study. We successfully applied for and secured funding from the GHR Innovative Scholarship from the Academic Excellence Grant. Our study has been pushed back by 1 year due to the Covid-19 pandemic. We will be mentoring 2-4 students between the 2 of us, and intend on beginning data collection in the Fall of 2021.

**St. Catherine University** St. Paul, MN Summer 2020 - Present  
*Examining the Quality of Prenatal Care Experienced by White and Minority Student-Mothers*  
Student-Faculty Research Project.  
Collaborated on this research project with a KARE scholar. In addition to providing teaching and guidance related to research methods, survey creation and dissemination and data analysis, I will be this student’s mentor for the duration (and even after) of her time at St. Catherine University. This student presented her research at MUPC (Minnesota Undergraduate Psychology conference), and also at the virtual Sr. Seraphim Gibbons Undergraduate Research Symposium in the Spring of 2021.

**St. Catherine University**  
**Nov 2019** - Co-authored a textbook on the Psychology of Eating; co-authors include: Rowland, N.E. and Splane, E.  
The textbook was published by Routledge in Nov of 2019.

**St. Catherine University** St. Paul, MN Feb 2016 – Aug 2017  
*The Effect of Hunger on Risk-Taking Behaviors*  
Student-Faculty Research Project.  
During the course of our work, we have successfully applied for and obtained an 2 AMP award for Fall of 2016 and for Spring of 2017. This student went on to doctoral program in Biological Psychology with a focus on traumatic brain injury at the University of West Virginia.

**St. Catherine University**

St. Paul, MN

July 2015 – July 2016

*The Effect of Chronic Stress on Body Image, Food Intake, and Food Preferences in Female Undergraduate Students*

Student-Faculty Research Project for this student's Honors Project.

During the course of our work, we successfully applied for and received a 3M Award for Faculty-Student Research. The student presented this work within the University. We had submitted the manuscript for publication to the peer-reviewed journal *Eating Behavior*. This student went on to successfully enroll in a Physician's Assistant program in Nevada.

**St. Catherine University**

St. Paul, MN

Nov 2013 – May 2016

*Effects of Idealized Media Image Exposure on Eating Behavior and Appearance Anxiety*

Student-Faculty Research Project.

During the course of our work, we successfully applied for and received 4 AMP awards and a Summer Scholars Award. The student presented this work within the University, at a local conference and we also presented this work at a national conference. This student went to a doctoral program at Marquette University in the Fall of 2016.

**St. Catherine University/University of Minnesota**

St. Paul, MN

July - Sept 2012

Assistant Professor of Psychology/Research Assistant

Conducted an independent study with one of my students from St. Catherine University. I taught her small animal surgery, and we conducted some studies examining the neural regulation of energy intake.

**University of Minnesota**

Minneapolis, MN

Sept 2008 - Present

Presently doing postdoctoral research investigating the effects of chronic and acute exposure to a sucrose diet on opioid receptor activity

- Conducted site-specific stereotaxic surgery (PVN and Amygdala)
- Harvested and processed brain tissue for immunohistochemical analyses
- Harvested and processed brain tissue for RT-PCR
- Conducted behavior analysis of activity and feeding patterns

Examining sex differences and estrous cycle effects to central orexin administration in rats

**Alachua County Health Dept.**

Gainesville, FL

May 2007 - May 2008

Surveyed the success of smoking cessation programs provided by the Alachua County Public Health Department.

- Assisted and independently conducted smoking cessation program over 10 months
- Collected and analyzed data surveying nicotine patch use of attendees

**University of Florida**

Gainesville, FL

May 2006 - May 2008

Investigated the effects of maternal obesity on the development of metabolic syndrome in offspring.

- Designed, planned and executed 24 month-long study
- Maintained an extensive breeding colony of borderline hypertensive rats
- Skills developed included vasectomies, glomerular counting, monitoring blood pressure via indirect tail-cuff system, designing stress reactivity experiments using the resident-intruder paradigm, writing MedPC programs to examine break-point performance, and conducting western blots to examine differences in renal oxidative stress
- Managed, taught and coordinated 5 undergraduate student assistants

**University of Florida**

Gainesville, FL

Mar 2005 - May 2006

Investigated the effects of intrauterine growth restriction on the development of metabolic syndrome in offspring using a rodent model.

- Designed, planned and executed 14 month-long study
- Maintained an extensive breeding colony of rats
- Skills developed included experimental design for food restriction studies, estrous cycle testing, cross-fostering, fat pad dissections, harvesting blood for radioimmunoassays for leptin, insulin and corticosterone

**University of Florida** Gainesville, FL May 2004 - May 2005  
 Characterized the physiological effects of Apelin-13 and Apelin-12 on blood pressure, food intake and water intake.

- Designed, planned and executed 12 month-long study
- Skills developed included ventricular stereotaxic surgery, vascular catheterization (jugular vein and aorta), blood pressure monitoring using exteriorized catheters, data analysis and graphing using SPSS and SigmaPlot, monitoring food and fluid intake following drug administration

**University of Florida** Gainesville, FL Sept 2003 - May 2004  
 Used nicotine discrimination and self-administration as tools to test the efficacy of experimental nicotinic analogs.

- Tested the effects of various nicotinic analogs on rats' progressive ratio performance in operant boxes
- Administered drug via jugular vein catheters prior to operant testing
- Skills developed included drug administration via exteriorized catheters, programming and conducting behavioral experiments in operant boxes, keeping the catheters sterile and patent for multiple months.

## SERVICE

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<b>St. Catherine University</b>	St. Paul, MN	Feb 2016 – present
Inst. Service: Institutional Review Board (IRB) Committee for St. Catherine University		
<b>St. Catherine University</b>	St. Paul, MN	Summer 2021 - present
Inst. Service: Co-chair for the Academic Sub-committee for the New Student Orientation Committee		
<b>St. Catherine University</b>	St. Paul, MN	Fall 2020 – Spring 2021
Inst. Service: Search Committee for Division Chair for the Social Sciences		
<b>St. Catherine University</b>	St. Paul, MN	Fall 2019 – Spring 2020
Dept. Service: Search Committee for Tenure Track Faculty Position		
<b>St. Catherine University</b>	St. Paul, MN	Fall 2019 – Spring 2020
Dept. Service: Search Committee for Rolling Faculty Position		
<b>St. Catherine University</b>	St. Paul, MN	Fall 2017 - Spring 2018
Search Committee for Three Year Temporary Faculty Position		
<b>St. Catherine University</b>	St. Paul, MN	Nov 2016 – Dec 2016
Inst. Service: Assistantship Mentoring Program (AMP) Application Review Committee		
<b>St. Catherine University</b>	St. Paul, MN	Fall 2016
Dept. Service: Tenure Track Faculty Position Search for Community/Health Psychology position		
<b>St. Catherine University</b>	St. Paul, MN	Sept 2016 – May 2019
Inst. Service: GHR Grant Committee: Primary Health Care Committee		
<b>St. Catherine University</b>	St. Paul, MN	Sept 2016 – May 2019
Inst. Service: Global Studies Advisory Committee (GSAC)		
<b>St. Catherine University</b>	St. Paul, MN	Feb 2016 – May 2018
Dept. and Inst. Service: Teaching in the CORE (The Reflective Woman)		
<b>St. Catherine University</b>	St. Paul, MN	Summer 2015
Dept. Service: Rolling Faculty Position Search for EWO Position for College of Adult Learning		

<b>St. Catherine University</b> Dept. Service: Tenure Track Faculty Position Search for Clinical/Counseling Psychology position	St. Paul, MN	Spring 2015
<b>St. Catherine University</b> Dept. Service: Tenure Track Faculty Position Search for Social Psychology position	St. Paul, MN	Spring 2015
<b>St. Catherine University</b> Inst. Service: Women in Science Building Committee	St. Paul, MN	May 2013 – Dec 2014
<b>St. Catherine University</b> Dept. Service: Credit Card Reconciliation for the Psychology Dept.	St. Paul, MN	Fall 2012 – May 2019
<b>Journal Reviewer</b> for Physiology and Behavior and International Journal of Obesity		2009-Present
<b>St. Paul Council of Churches</b> Teaching Native American children about diabetes and healthy life-style choices.	St. Paul, MN	Feb 2009 – Oct 2009
<b>Alachua County Public Health Dept.</b> Assisted public health officials to teach young girls about healthy body image Assisted with presentations for preventing stroke and heart disease in nursing homes in the Alachua county area. Conducted smoking cessation classes for patients advised to quit smoking by their doctors.	Gainesville, FL	May 2007 - May 2008
<b>Turtle Conservation Program</b> Volunteered on Zapatiya Island, Panama where I conducted nightly walks to count incoming female turtles and maintained counts of nest sites.	Zapatiya Island, Panama	Aug 2001
<b>United Nations High Commission for Refugees</b> Organized documents and other materials for NATO cooperative Key 2001, attended talks on internally displaced people and transcribed taped speeches, organized and participated in meetings with the Bulgarian Red Cross and the Bulgarian Helsinki Committee. Attended press conferences on refugees and internally displaced people.	Sofia, Bulgaria	May - Jul 2001
<b>Sardar Patel Vidyalaya</b> Volunteered in teaching underprivileged children basic mathematics, Hindi and English.	New Delhi, India	May 1997 - May 1998

## PUBLICATIONS

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Crews Splane Emily, Rowland Neil E., **Mitra, Anaya**: Psychology of Eating: From Biology to Culture to Policy  
Textbook published by Routledge in Nov 2019.

**Anaya Mitra**, Catherine M. Kotz, Eun M. Kim, Martha K. Grace, Michael A. Kuskowski, Charles J. Billington, Allen S. Levine. 2012. Effects of butorphanol on feeding and neuropeptide Y gene expression in the rat. *Pharmacology, Biochemistry, and Behavior* 100(3):575-80.

**Anaya Mitra**, Anika Klockars, Blake A. Gosnell, Madeline Le Grevès, Pawel K. Olszewski, Allen S. Levine, Helgio B. Schiöth. 2012. Expression levels of genes encoding melanin concentrating hormone (MCH) and MCH receptor change in taste aversion, but MCH injections do not alleviate aversive responses. *Pharmacology, Biochemistry and Behavior* 100(3): 581-6.

**Anaya Mitra**, Erica Crump, Kristin Alvers, Kim Robertson, Neil Rowland. 2011. Effect of hypercaloric prenatal and postnatal environment on stress responsivity. *Stress* 14(1): 42-52.

**Anaya Mitra**, Blake Gosnell, Helgi Schiöth, Martha Grace, Anica Klockars, Pawel Olszewski and Allen S. Levine. 2010. Chronic sugar intake dampens feeding-related activity of neurons synthesizing a satiety mediator, oxytocin. *Peptides* 31(7):1346-52.

Blake A. Gosnell, **Anaya Mitra**, Ross A. Avant, Justin J. Anker, Marilyn E. Carroll and Allen S. Levine. 2010. Operant Responding for Sucrose by Rats Bred for High or Low Saccharin Consumption. *Physiology and Behavior* 99(4):529-33.

**Anaya Mitra**, Kristin Alvers, Erica Crump, and Neil E. Rowland. 2009. Effect of high-fat diet during gestation, lactation, or postweaning on physiological and behavioral indexes in borderline hypertensive rats. *American Journal of Physiology Regulatory Integrative and Comparative Physiology* 296(1):R20-8.

Neil Rowland, Cheryl Vaughan, Clare Mathes, and **Anaya Mitra**. 2008. Feeding behavior, obesity, and neuroeconomics. *Physiology and Behavior* 28;93(1-2):97-109.

**Anaya Mitra**, Michael Katovich, Adam Mecca, and Neil Rowland. 2006. Effect of central and peripheral administration of apelin-13 on fluid consumption and blood pressure regulation. *Physiology and Behavior* 89(2):221-5.

## ABSTRACTS

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**Anaya Mitra**, Blake A. Gosnell, Catherine M. Kotz, Eun M. Kim, Martha K. Grace, Charles J. Billington, Allen S. Levine. 2010. Butorphanol effects on feeding and Neuropeptide Y gene expression in the rat. [Abstract] *Appetite*, 54(3):664.

Leslie White, **Anaya Mitra**, Jennifer Sasser, Laszlo Wagner, Neil Rowland, and Chris Baylis. 2009. High fat diet does not affect ADMA levels or ADMA regulatory enzymes in female Borderline Hypertensive Rats (BHR). [Abstract] *FASEB Journal*. 2009 23:1014.

Jennifer Sasser, **Anaya Mitra**, Leslie White, Neil Rowland, and Chris Baylis. 2009. High fat (HF) diet during development and throughout life does not increase oxidative stress in female borderline hypertensive rats (BHR). [Abstract] *FASEB Journal* 23:803.14

**Anaya Mitra**, Kristin Alvers, Erica Crump, and Neil E. Rowland. 2008. Effect of prenatal and/or postnatal high fat diet on growth, metabolic parameters, blood pressure and motivation in borderline hypertensive rats (BHR). [Abstract] *FASEB Journal*. 22:882.2

**Anaya Mitra**, Kristin Alvers, Kim Robertson, and Neil Rowland. 2007. Effect of prenatal or postnatal high fat diet on physiology and behavior of borderline hypertensive rats (BHR). [Abstract]. *Appetite*, 49(1):314.

**Anaya Mitra**, Kim Robertson, and Neil Rowland. 2006. Ontogenetic changes in physiological parameters as a consequence of intrauterine growth retardation (IUGR) in rats. [Abstract]. *Society for Neuroscience Online* (60.4/V7)

**Anaya Mitra**, Kim Robertson, and Neil Rowland. 2006. Effect of intrauterine growth retardation on general development and development of obesity in SD rats. [Abstract]. *Appetite* 47.

**Anaya Mitra**, Justin Grobe, Michael Katovich, and Neil Rowland. 2005. Effects of central and peripheral administration of apelin on food intake, water intake and blood pressure. [Abstract]. *Appetite*, 44:367.

## PRESENTATIONS

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**Anaya Mitra** and Emily Crews Splane. 2018. We led a round-table discussion on designing an undergraduate upper-level Psychology of Eating course. Round-table discussion (PIE) at National Institute for the Teaching of Psychology, Jan 3- 6, St. Pete Beach, FL

Alexandria C. Thompson and **Anaya Mitra**. 2015.

*Effects of Idealized Media Image Exposure on Eating Behavior and Appearance Anxiety*

Poster presentation at *Society for the Study of Ingestive Behaviors*, July 7-11, Denver, Colorado.

**Anaya Mitra**, Blake A. Gosnell, Catherine M. Kotz, Eun M. Kim, Martha K. Grace, Charles J. Billington, Allen S. Levine. 2010.

*Butorphanol effects on feeding and Neuropeptide Y gene expression in the rat.*

Poster presentation at *Society for the Study of Ingestive Behaviors*, July 13-18, Pittsburgh, Pennsylvania.

Blake A. Gosnell, **Anaya Mitra**, Ross A. Avant, Justin J. Anker, Marilyn E. Carroll, Allen S. Levine. 2009.

*Operant responding for sucrose by rats selectively bred for high or low saccharin consumption.*

Poster presentation at *Society for Neuroscience*, Oct 17-21, Chicago, Illinois.

Jennifer M. Sasser, **Anaya Mitra**, Leslie D. White, Neil E. Rowland, Chris Baylis. 2009.

*High fat (HF) diet during development and throughout life does not increase oxidative stress in female borderline hypertensive rats (BHR).*

Poster presentation at *Experimental Biology*, April 18-22, New Orleans, Louisiana.

Leslie D. White, **Anaya Mitra**, Jennifer M. Sasser, Laszlo Wagner, Neil E. Rowland, Chris Baylis. 2009.

*High fat diet does not affect ADMA levels or ADMA regulatory enzymes in female Borderline Hypertensive Rats (BHR).*

Poster presentation at *Experimental Biology*, April 18-22, New Orleans, Louisiana.

**Anaya Mitra**, Erica Crump, Kim Robertson, Kristin Alvers, and Neil E. Rowland. 2008.

*Effect of prenatal and/or postnatal high fat diet on glucose handling, food consumption and motivation in borderline hypertensive rats (BHR).*

Poster presentation at *Society for the Study of Ingestive Behaviors*, July 15-19, Paris, France.

**Anaya Mitra**, Erica Crump, Kim Robertson, Kristin Alvers, and Neil E. Rowland. 2008.

*Effect of prenatal or postnatal high fat diet on physiology and behavior of borderline hypertensive rats (BHR).*

Poster presentation at *Experimental Biology*, April 5-9, San Diego, California.

**Anaya Mitra**, Erica Crump, Kim Robertson, Kristin Alvers, and Neil E. Rowland. 2007.

*Effect of prenatal or postnatal high fat diet on physiology and behavior of borderline hypertensive rats (BHR).*

Poster presentation at the *Society for the Study of Ingestive Behaviors*, July 24-29, Steamboat Springs, Colorado.

**Anaya Mitra**, Kim Robertson, Neil Rowland. 2006.

*Effect of intrauterine growth retardation on general development and development of obesity in SD rats.*

Oral presentation at the *Society for the Study of Ingestive Behaviors*, July 18-22, Naples, Florida.

**Anaya Mitra**, Kim Robertson, Neil Rowland. 2006.

*Ontogenetic changes in physiological parameters as a consequence of intrauterine growth retardation (IUGR) in the rat.*

Poster presentation at the *Society for Neuroscience*, October 14-18, Atlanta, Georgia.

**Anaya Mitra**, Justin Grobe, Michael Katovich, Neil Rowland. 2005.

*Effects of central and peripheral administration of apelin on food intake, water intake, and blood pressure.*

Poster presentation at the *Society for the Study of Ingestive Behaviors*, July 12-17, Pittsburgh, Pennsylvania.

## WORK EXPERIENCE

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**St. Catherine University – CATIE Center**

St. Paul, MN

Summer 2017 – present

Evaluator on CATIE Center Grants

Responsibilities include creating evaluation materials, data analysis and final report generation.

**St. Catherine University**

St. Paul, MN

March 2018 – present

Associate Professor in the Psychology Department  
Responsibilities include teaching, research, mentoring and service

**St. Catherine University** St. Paul, MN Aug 2011 – March 2018  
Assistant Professor in the Psychology Department  
Responsibilities include teaching, research, mentoring and service

**University of Minnesota** Minneapolis, MN Sept 2008 – Aug 2011  
Postdoctoral Research Scientist at the Veterans Affairs Medical Center

- Independently designed and implemented experiments and data analysis
- Prepared manuscripts and grants
- Attended conferences and seminars to develop a global perspective on pertinent research questions

**University of Florida** Gainesville, FL  
Graduate Student in the Behavioral Neuroscience Program Aug 2003 - Aug 2008  
Graduate Student in the Public Health Program Aug 2006 - May 2008

- Completed relevant coursework in neuroscience, statistics and public health
- Learned about experimental design and data analysis and implementing experiments
- Prepared manuscript and grants
- Attended conferences and seminars

**Gustavus Adolphus College** St. Peter, MN Jan 2000 - May 2003  
Circulation desk work at Folke Bernadotte Memorial Library

- Promoted to managerial position supervising students
- Assisted patrons with checking out library materials and locating reference materials
- Supervised lock-up and opening of the library

**Gustavus Adolphus College** St. Peter, MN Feb 1999 - Oct 2000  
Laboratory technician for Biology Department

- Assisted with set up and clean-up of laboratory experiments
- Prepared media and buffer solutions, autoclaving equipment and maintaining chemical inventory

## AWARDS

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**University of Minnesota** Minneapolis, MN Sept 2008 – Sept 2011  
Minnesota Craniofacial Research Training (*MinnCR&T*) Program Postdoctoral Fellowship

**University of Florida** Gainesville, FL Mar 2008  
Nominated for Henry C. and Audrey S. Schumacher Fellowship Fund for Outstanding Dissertation

**University of Florida** Gainesville, FL Mar 2008  
Awarded Robert A. & Phyllis Levitt Award for Outstanding Research in the Area of Behavioral Neuroscience

**Ohaus Competition** Gainesville, FL Jan 2008  
Won a national Ohaus competition based on dissertation work investigating the effects of gestational obesity on development of obesity in the offspring

**American Psychological Association** Gainesville, FL Dec 2007  
Graduate Dissertation Award

**Society for the Study of Ingestive Behaviors** Naples, FL Summer 2006  
New Investigator of the Year Award

**University of Florida** Gainesville, FL  
College of Liberal Arts and Sciences Alumni Fellowship Award

Aug 2003 - Aug 2007

**Gustavus Adolphus College**  
Rupert Anderson Award for Outstanding Research

St. Peter, MN

May 2003

## SKILLS

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- Stereotaxic surgery and micro-vascular catheterization, vasectomies, ovariectomies
- Vascular reactivity experiments and blood pressure monitoring
- Maintaining an extensive breeding colony (estrous cycle monitoring, cross-fostering)
- Immunohistochemistry, radioimmunoassays, RT-PCR
- Behavioral testing (operant work, activity assessment, resident-intruder stress model, feeding studies)
- Proficient in Windows, Microsoft Office, Macintosh OS, SPSS, Sigma Stat, Sigma Plot, Prism
- Excellent written and oral communication skills.
- Grant preparation, manuscript preparation, managing grant budgets
- Able to work independently and as part of a team
- Fluent in English, Hindi and Bengali.

## PROFESSIONAL AFFILIATIONS

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- Association for Psychological Science (Fall 2016 – Present)
- Society for the Study of Ingestive Behavior (2005 – 2017)
- Society for Neuroscience (2006 – 2014)
- Experimental Biology (2007- 2011)