TROY A. ROEPKE

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EDUCATION:

UNIVERSITY OF CALIFORNIA at DAVIS, Davis, CA
Ph.D. in Physiology, Designated Emphasis: Reproductive Biology, September 2005

SAN FRANCISCO STATE UNIVERSITY, San Francisco, CA
M.A. in Biology: Marine Biology, January 2002

LONG ISLAND UNIVERSITY, SOUTHAMPTON COLLEGE, Southampton, NY
B.S. in Marine Science/Biology, August 1992

ACADEMIC APPOINTMENTS:

2024-Present	Professor, Department of Animal Sciences, School of Environmental and Biological Sciences, Rutgers University
2023-Present	Associate Member, Psychology Graduate Program, Rutgers University
2022-Present	Associate Dean of Diversity, Equity, and Inclusion, School of Environmental and Biological Sciences, Rutgers University
2019-Present	Member, Environmental & Occupational Health Science Institute, Rutgers University
2019-Present	Associate Member, Food Sciences Graduate Program, Rutgers University
2019-Present	Member, Center for Lipid Research, Rutgers University
2019-Present	Member, Center for Nutrition, Microbiome, and Health, Rutgers University
2018-2024	Associate Professor, Department of Animal Sciences, School of Environmental and Biological Sciences, Rutgers University
2017-Present	Member, NIEHS Center for Environmental Exposures and Disease, Rutgers University
2016-Present	Member, Brain Health Institute, Rutgers University
2016-Present	Member, New Jersey Institute for Food, Nutrition, and Health, Rutgers University
2013-Present	Member, Joint Graduate Program in Toxicology, Rutgers University
2012-Present	Member, Nutritional Sciences Graduate Program, Rutgers University
2012-Present	Member, Neuroscience Graduate Program, Rutgers University
2012-Present	Member, Endocrinology & Animal Biosciences Graduate Program, Rutgers University
2011-2018	Assistant Professor, Department of Animal Sciences, School of Environmental and Biological Sciences, Rutgers University

TRAINING:

2005–2011	Postdoctoral Fellow, Department of Physiology and Pharmacology, Oregon Health & Science University (OHSU) Advisor: Drs. Martin J. Kelly & Oline K. Rønnekleiv
2001–2005	Graduate Research Assistant, Bodega Marine Laboratory, University of California–Davis Advisor: Dr. Gary N. Cherr
1997–1999	Graduate Research Assistant, Romberg Tiburon Center for Environmental Studies, San Francisco State University (SFSU) Advisor: Drs. Alissa Arp and David Julian
1993–1994	Graduate Research Assistant, University of Texas Marine Science Institute Advisor: Dr. Curtis Suttle

HONORS and AWARDS:

2024	Rutgers University Cheryl Clark Award for Administrator/Faculty Advocacy for LGBTQ+ Communities
2024	Rutgers University Presidential Outstanding Faculty Scholar Award
2022	Fellow, Big Ten Academic Alliance Leadership Program
2021	SEBS Faculty Excellence in Diversity, Equity, and Inclusion Award
2011	Travel Fellow Award, Winter Conference on Brain Research
2010	Oral Presentation Award, FASEB Summer Research Conference: The Physiology of Integrated Nuclear and Extranuclear Steroid Signalling
2009-2011	NIH-National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Pathway to Independence Award K99-DK083457, OHSU
2008	Young Investigators Travel Award, International Symposium on Steroid Hormone Receptors and Neural Sex Differences, September 8-12, Gifu, Japan
2005–2007	NIH–National Institute on Drug Abuse (NIDA) Postdoctoral Trainee Fellowship: Biological Bases of Drug Seeking Behavior, 5-T32-DA007262, OHSU
2002–2004	NIH–NIEHS Trainee Fellowship, 5-T32-ES07059, UC-Davis
2001–2002	National Sea Grant Biotechnology Program Trainee, Bodega Marine Laboratory, UC-Davis
1999–2001	Physiology Graduate Group Graduate Student Fellowship, UC-Davis
1998–1999	Graduate Assistance in Areas of National Need (GAANN) Fellowship, SFSU

GRANTS:

Current Research Support

NIH/NIMH R01MH123544 MPI: Roepke/Samuels 06/11/20 – 03/31/25
Sex differences in CRH signaling in the ovBNST underlie effects of chronic stressors
Total Costs: $2,156,376

NIH/NIEHS R21ES035889 MPI: James/Roepke 02/09/24 – 01/31/26
The orexin system as a novel mediator of depression-like outcomes in female rats exposed to an endocrine disrupting compound during the peripubertal period Total Costs: $431,750

Completed Research Support

P30ES005022 MPI: James/Roepke 5/1/23 – 03/31/24
Puberty and depression-like outcomes in female rats exposed to an endocrine disrupting compound in early life: A role for the orexin (hypocretin) system
NIEHS Center for Environmental Exposure and Disease Pilot Project Grant Total Costs: $30,000

USDA/NIFA NJ06195 PI: Roepke 10/01/18 – 09/30/23
The impact of maternal exposure to flame-retardants and high-fat diets on adult offspring energy balance Total Costs: $25,000

P30ES005022 MPI: Roepke/Aleksunes 5/1/21 – 03/31/22
Maternal obesity amplified the effects of flame retardant chemicals on neonate and juvenile physiology
NIEHS Center for Environmental Exposure and Disease Pilot Project Grant Total Costs: $25,000

P30ES005022 MPI: James/Bello/Roepke 5/1/21 – 03/31/22
Early life bisphenol A exposure predisposes to binge eating disorder in early adulthood
NIEHS Center for Environmental Exposure and Disease Pilot Project Grant Total Costs: $25,000

1R01AT008933 PI: Bello (Co-I: Roepke, 10%) 05/01/17 – 04/30/22
Effects of raspberry ketone on body weight and metabolic outcomes in obesity

Total Costs: $1,679,056

NJ Institute of Food, Nutrition, and Health MPI: Roepke/Roopchand 10/01/19 – 09/30/21
Interactions of dietary fatty acids, sex steroids, and gut microbiota may predict chronic disease in menopausal females Total Costs: $219,500

NJ Institute of Food, Nutrition, and Health PI: Bello, Co-PI: Roepke 10/01/19 – 09/30/21
Mechanisms underlying increased fat deposition induced by early life perturbations
Total Costs: $225,500

P30ES005022 PI: Uzumcu/Roepke 07/25/18 – 03/31/19
Adverse effects of di-2-ethylhexyl phthalate (DEHP) and its replacement diisononyl phthalate (DINP) on glucose homeostasis and obesity in female rats
NIEHS Center for Environmental Exposure and Disease Pilot Project Grant Total Costs: $25,000

1R21ES027119 PI: Roepke 03/01/17 – 02/28/19
Disruption of arcuate gene expression and neuronal activity by OPFR Total Costs: $423,390

3R21ES027119-01A1S1 PI: Roepke 09/15/17 – 02/28/19
Disruption of arcuate gene expression and neuronal activity by OPFR
Research Supplement to Promote Diversity in Health-Related Research Total Costs: $116,121

RU ONE Nutrition Pilot Project PI: Roepke 07/01/17 – 08/31/18
The selective knockout of growth hormone secretagogue receptor in kisspeptin neurons
Total Costs: $20,000

USDA/NIFA NJ06107 PI: Roepke 07/01/12 – 06/30/17
The integration of hormonal and central signals and the impacts of endocrine disrupting chemicals
Total Costs: $15,000

P30ES005022 PI: Roepke 07/25/16 – 03/31/17
Effects of maternal exposures to OPFR on offspring energy homeostasis
NIEHS Center for Environmental Exposure and Disease Pilot Project Grant Total Costs: $21,000

P30ES005022 PI: Roepke 02/01/16 – 03/31/16
Measurement of organophosphate flame-retardants in urine from pregnant women
NIEHS Center for Environmental Exposure and Disease Pilot Project Grant Total Costs: $5,000

3R00DK083457-05S1 PI: Roepke 01/01/14 – 12/31/15
Estrogen regulation of channels involved in the control of energy homeostasis
Supplements to Recover Losses Due to Hurricane Sandy under the Disaster Relief Appropriations Act
Total Costs: $214,873

3K99/R00DK083457-05 PI: Roepke 09/01/09 – 8/31/14
Estrogen regulation of channels involved in the control of energy homeostasis
Total Costs: $899,490

F32DK079508 PI: Roepke 07/01/07 – 06/30/08
The role of the M-current in the anorectic effects of estrogen and serotonin
Ruth L. Kirschstein National Research Service Award Individual Total Costs: $49,646

Pending Research Support

NIH/NICHD R01HD118569-01 PI: Campbell/Roepke 05/01/25 – 04/30/27
Estrogen-Gender Affirming Hormone Therapy Effects on Metabolism, Exercise Performance and Skeletal Muscle Total Direct Costs: $431,000

NIH/NIDDK R01DK142633-01. PI: Roepke/Campbell/Roopchand 04/01/25 – 03/31/30
Interactions of dietary fatty acids and GLP-1 signaling in a mouse model of menopause
Total Direct Costs: $2,604,483

TEACHING:

Department of Animal Sciences, Rutgers University
Animal Reproduction, Reproductive and Developmental Toxicology, Lab Animal Practicum

Endocrinology and Animal Biosciences Graduate Program
Reproductive and Developmental Toxicology, Recent Advances in Endocrinology, Physiology of Reproduction

Rutgers University
Exploring Graduate School (SEBS), Academic Mentoring (SEBS), Integrative Organ Physiology (School of Pharmacy), Ethical Scientific Conduct (School of Arts and Sciences)

PUBLICATIONS:

Journal Articles (refereed) – Research articles

2024 Weissman, J.L., Chappell, C. R., Rodrigues de Oliviera, B.F., Evans, N. Fagre, A.C., Forsythe, D., Frese, S.A., Gregor, R., Ishaq, S.L., Johnston, J., Bittu. K.R., Matsuda, S.B., McCarren, S., Roepke, T.A., Sinnott-Armstrong, N., Stobie, C.S., Talluto, L., Vargas-Muñiz, J.M., The Queer and Trans in Biology Consortium. Running a queer- and trans-inclusive faculty hiring process. **EcoEvoRxiv**, *submitted 10-1-24*.

Taylor, R., Basaly, V., Kong, B., Yang, I., Brinker, A., Capece, G., Bhattacharya, A., Henry, Z., Otersen, K., Yang, Z., Meadows, V. Mera, S., Joseph, L., Zhou, P., Aleksunes, L.M., **Roepke, T.A.**, Buckley, B., and Guo, G. Effects of individual bile acids on the development and progression of metabolic dysfunction-associated steatohepatitis in a low bile acid mouse model **Toxicological Sciences**, *in press.*

Levy, J., Mirek, E., Rodriguez, E., Tolentino, M., Zalma, B., **Roepke, T.A.,** Wek, R., Cao, R., and Anthony, T. GCN2 drives diurnal patterns in the hepatic integrated stress response and maintains circadian rhythms in whole body metabolism during amino acid insufficiency." by **American Journal of Physiology: Endocrinology and Metabolism,** *in press.*

Smith, L., Abramova, E., Vayas, K., Rodriguez, J., Gelfand-Titiyevksiy, B., **Roepke, T.A.**, Laskin, J., Gow, A., and Laskin, D. Transcriptional profiling of lung macrophages following ozone exposure in mice identifies signaling pathways regulating immunometabolic activation. **Toxicological Sciences**, 201(1):103-117.

Wiersielis, K., Yasrebi, A., Degroat, T.J., Knox, N., Rojas, C., Feltri, S., and **Roepke, T.A.** Intermittent fasting disrupts hippocampal dependent memory and norepinephrine content in aged male and female mice. **Physiology and Behavior** 275:114431.

Degroat, T.J., Wiersielis, K., Yasrebi, A., Kodahli, S., Daisey, S., Denney, K., Tollkuhn, J., Samuels, B.A., and **Roepke, T.A.** Chronic stress and its effects on behavior, RNA expression of the bed nucleus of the stria terminals, the M-current of NPY neurons. **Psychoneuroendocrinology**, 161:106920.

Maita, I., Bazer, A., Chae, K., Parida, A., Mirza, M., Sucher, J., Liu, T., Phan, M., Hu, P., Soni, R., **Roepke, T.A.,** and Samuels, B.A. Chemogenetic activation of corticotropin-releasing factor-expressing neurons in the anterior bed nucleus of the stria terminalis reduces motivated behavior. **Neuropsychopharmacology,** 49(2):377-385.

2023 Sui, K., Yasrebi, A., Malonza, N., Jaffri, Z.H., Fisher, S.E., Seelenfreund, I., McGuire, B.D., Martinez, S.A., MacDonell, A.T., Tveter, K.M., Shapses, S.A., Campbell, S.C., Roopchand, D.E., and **Roepke, T.A.** Coconut oil saturated fatty acids and omega-3 polyunsaturated fatty acids improve metabolic parameters in ovariectomized mice. **Endocrinology,** 164(6):bqad059.

Yasrebi, A., Regan, D., and **Roepke, T.A.** The Influence of Estrogen Response Element ERα Signaling in the Control of Feeding Behaviors in Male and Female Mice. **Steroids,** 195:109228.

Sui, K., Yasrebi, A., Longoria, C., MacDonell, A.T., Martinez, S.A., Jaffri, Z.H., Fisher, S.E., Malonza, N., Jung, K., Tveter, K.M., Wiersielis, K.R., Shapses, S.A., Campbell, S.C., **Roepke, T.A.,** and Roopchand, D.E. Coconut oil saturated fatty acids improved energy homeostasis but not blood pressure or cognition in VCD-treated mice. **Endocrinology,** 164(3): bqad001.

2022 Conde, K., Kulyk, D., Vanschaik, A., Daisey, S., Rojas, C. Weirsielis, K., Degroat, T.J., Sun, Y., and **Roepke, T.A.** Deletion of growth hormone secretagogue receptor in kisspeptin neurons in female mice blocks diet-induced obesity. **Biomolecules,** 12(10):1370.

Vail, G.M., Walley, S.N., Yasrebi, A., Maeng, A., Degroat, T.J., Conde, K.M., and **Roepke, T.A.** Implications of estrogen receptor α (ERα) with the intersection of organophosphate flame retardants and diet-induced obesity in adult mice. **Journal of Toxicology and Environmental Health, Part A.,** 85(10):398-413.

Vail, G.M., Walley, S.N., Yasrebi, A., Maeng, A., Degroat, T.J., Conde, K.M., and **Roepke, T.A.** Implications of peroxisome proliferator-activated receptor gamma (PPARγ) with the intersection of organophosphate flame retardants and diet-induced obesity in adult mice. **Journal of Toxicology and Environmental Health, Part A.,** 85(9):381-396.

2021 Wiersielis, K., Yasrebi, A., Ramirez, P., Verpeut, J., Regan, D., & **Roepke, T.A.** The influence of estrogen receptor α signaling independent of the estrogen response element on avoidance behavior, social interactions, and palatable ingestive behavior. **Hormones and Behavior**, 136:105084.

Walley, S.N., Krumm, E.A., Yasrebi, A., Kwiecinski, J., Baker, C., and **Roepke, T.A.** Maternal organophosphate flame-retardant exposure alters offspring metabolism in a sexually-dimorphic manner in mice. **Journal of Applied Toxicology,** 41(4):572-586.

Walley, S.N., Krumm, E.A., Yasrebi, A., O'Leary, S., Tillery, T., and **Roepke, T.A.** Maternal organophosphate flame-retardant exposure alters offspring feeding, locomotor, and exploratory behaviors in a sexually-dimorphic manner. **Journal of Applied Toxicology,** 41(3):442-457.

2020 Vail, G.M., and **Roepke, T.A.** Organophosphate flame retardants excite arcuate melanocortin circuitry and increase sensitivity to ghrelin in adult mice. **Endocrinology,** 161(11):bqaa168.

Hu, P., Phan, M., Maita, I., Gu, E., Kwok, C., Gergues, M., Kelada, F., Dieterich, A., Qi, X-R., Swaab, D.F., Liu, J., Lucassen, P.J., **Roepke, T.A.,** and Samuels, B.A. Early-life Stress Activates Corticotropin-Releasing Hormone Signaling and Increases Cellular Excitability in the Adult Mice Oval Bed Nucleus of Stria Terminalis, **Translational Psychiatry,** 10(1):396.

Vail, G.M., Yasrebi, A., Maeng, A., Walley, S.N., Conde, K., and **Roepke, T.A.** The interactions of diet-induced obesity and OPFR exposure on energy homeostasis in adult male and female mice. **Journal of Toxicology and Environmental Health,** 83(11-12):438-455.

Wiersielis, K.R, Adams, S., Yasrebi, A., Conde, K., & **Roepke, T.A.** Maternal exposure to organophosphate flame-retardants alters locomotor and anxiety-like behavior in male and female adult offspring. **Hormones and Behavior,** 122:104759.

Conde, K. and **Roepke, T.A.** 17β-estradiol increases arcuate KNDy neuronal sensitivity to ghrelin inhibition of the M-current in female mice. **Neuroendocrinology,** 110(7-8):582-594.

Adams, S., Wiersielis, K.R, Yasrebi, A., Conde, K., Armstrong, L., Guo, G.L., and **Roepke, T.A.** Sex- and age-dependent effects of maternal organophosphate flame-retardant exposure on neonatal hypothalamic and hepatic gene expression. **Reproductive Toxicology**, 94:65-74.

Hu, P., Liu, J., Maita, I., Kwok, C., Gu, E., Gergues, M., Kelada, F., Phan, M., Zhou, J-N., Swaab, D., Pang, Z., Lucassen, P., **Roepke, T.A.,** and Samuels, B.A. Chronic Stress Induces Maladaptive Behaviors by Activating Corticotropin-Releasing Hormone Signaling in the Mouse Oval Bed Nucleus of the Stria Terminalis. **The Journal of Neuroscience,** 40(12):2519-2537.

Mamounis, K.J., Shvedov, N.R., Margolies, N., Yasrebi, A., and **Roepke, T.A**. The effects of dietary fatty acids in the physiological outcomes of maternal high-fat diet on offspring energy homeostasis in mice. **J Dev Orig Health Dis.,** 11(3):273-284.

Roepke, T.A., Yasrebi, A., Villalobos, A., Krumm, E.A., Yang, J.A., and Mamounis, K.J. The loss of ERE-dependent ERα signaling potentiates the effects of maternal high-fat diet on energy homeostasis in female offspring fed an obesogenic diet. **J Dev Orig Health Dis.,** 11(3):285-296.

2018 Mamounis, K.J., Hernandez, M., Margolies, N., Yasrebi, A., and **Roepke, T.A.** Interaction of 17β-estradiol and fatty acids on energy and glucose homeostasis in females. **Nutritional Neuroscience,** 21(10):715-728.

Krumm, E.A., Patel, V., Tillery, T., Yasrebi, A., Shen, J., Guo, G., Marco, S.M., Buckley, B.T, and **Roepke, T.A.** Organophosphate flame-retardants alter adult homeostasis and gene expression in a sex-dependent manner in the mouse potentially through interactions with ERα. **Toxicological Sciences,** 162(1):212-224.

2017 **Roepke, T.A.,** Yasrebi, A., Villalobos, A., Krumm, E.A., Yang, J.A., and Mamounis, K.J. Loss of ERα partially reverses the effects of maternal high-fat diet on energy homeostasis in female mice. **Scientific Reports**, 7(1):6381.

Yasrebi, A., Rivera, J.A., Krumm, E.A., Yang, J.A., and **Roepke, T.A.** Activation of estrogen response element-independent ERα signaling protects female mice from diet-induced obesity. **Endocrinology,** 158(2):319-334.

Yang, J.A., Stires, H., Belden, W., and **Roepke, T.A.** The arcuate estrogen-regulated transcriptome: estrogen response element-dependent and -independent signaling of ERα in female mice. **Endocrinology,** 158(3):612-626.

Mamounis, K.J., Yasrebi, A., and **Roepke, T.A.** Linoleic acid causes greater weight gain than saturated fat without hypothalamic inflammation in the male mouse. **Journal of Nutritional Biochemistry,** 40:122-131.

2016 Yang, J.A., Snyder, M, Yasrebi, A., and **Roepke, T.A.** The interactions of fasting, caloric restriction, and diet-induced obesity with 17β-estradiol on KNDy neuropeptides and their receptors in the female mouse. **Molecular and Cellular Endocrinology,** 437:35-50.

Hu, P., Liu, J., Yasrebi, A., Gotthard, J.D., Bello, N.T., Pang, Z., and **Roepke, T.A.** G protein-coupled membrane-initiated estrogen signaling rapidly excites corticotropin-releasing hormone neurons in the hypothalamic paraventricular nucleus in female mice. **Endocrinology,** 157:3604-3620.

Roepke, T.A., Yang, J.A., Yasrebi, A, Mamounis, K., Oruc, E., Zama, A., and Uzumcu, M. Regulation of arcuate genes by developmental exposures to endocrine-disrupting compounds in female rats exposed during development. **Reproductive Toxicology,** 62:18-26.

Yang, J.A., Yasrebi, A., Mamounis, K. and **Roepke, T.A.** Regulation of gene expression by 17β-estradiol in the arcuate nucleus of the mouse through ERE-dependent and ERE-independent mechanism. **Steroids,** 107:128-138.

Gotthardt, J.D., Verpeut, J.L., Yeomans, B.L., Yang, J.A., Yasrebi, A., **Roepke, T.A.,** and Bello, N.T. Intermittent fasting promotes fat loss with lean mass retention, increased hypothalamic norepinephrine content, and increased neuropeptide Y gene expression in diet-induced obese male mice. **Endocrinology,** 157:679-691.

Yasrebi, A., Hsieh, A., Mamounis, K.J., Krumm, E.A., Yang, J.A., Magby, J., Hu, P., and **Roepke, T.A.** Differential gene regulation of GHSR signaling pathway in the arcuate nucleus and NPY neurons by fasting, diet-induced obesity and 17β-estradiol. **Molecular and Cellular Endocrinology,** 422:42-56.

2014 Mamounis, K., Yang, J. Yasrebi, A., and **Roepke, T.A.** Estrogen response element-independent signaling partially restores post-ovariectomy body weight gain but is not sufficient for 17β-estradiol's control of energy homeostasis. **Steroids,** 81:88-98.

2012 Ropero, A.B., Alonso-Magdalena, P., Soriano, S., Juan-Picó, P., **Roepke, T.A.,** Kelly, M.J., and Nadal, A. Insulinotropic effect of the non-steroidal compound STX in pancreatic β-cells. **PLoS ONE,** 7(4):1-11 e34650.

Roepke, T.A., Smith, A.W., Rønnekleiv, O.K., and Kelly, M.J. Serotonin 5HT2C receptor-mediated inhibition of the M-current in hypothalamic POMC neurons. **American Journal of Physiology Endocrinology and Metabolism,** 302(11):E1399-E1406.

2011 **Roepke, T.A.,** Qiu, J., Smith, A.W, Rønnekleiv, O.K., and Kelly, M.J. Fasting and 17β-estradiol differentially modulate the M-current in neuropeptide Y neurons. **Journal of Neuroscience,** 31(33):11825-11835.

2010 **Roepke, T.A.*,** Bosch, M.A.*, Rick, E.A., Lee, B., Wagner, E.J., Seidlova-Wuttke, D., Wuttke, W., Scanlan, T.S., Rønnekleiv, O.K., and Kelly, M.J. Contribution of a membrane estrogen receptor to the estrogenic regulation of body temperature and energy homeostasis. **Endocrinology,** 151(10):4926-4937. *Co-first authors.

2008 **Roepke**, **T.A.,** Xue, C., Bosch, M.A., Scanlan, T.S., Kelly, M.J., and Rønnekleiv, O.K. Genes associated with membrane-initiated signaling of estrogen and energy homeostasis. **Endocrinology,** 149(12):6113-6124.

Zhang, C., **Roepke, T.A.**, Kelly, M.J., and Rønnekleiv, O.K. Kisspeptin depolarizes gonadotropin-releasing hormone neurons through activation of TRPC-like cationic channels. **Journal of Neuroscience,** 28(17):4423-4434.

Xu, C.*, **Roepke, T.A**.*, Zhang, C., Rønnekleiv, O.K., and Kelly, M.J. Gonadotropin-releasing hormone (GnRH) activates the M-current in GnRH neurons: an autoregulatory negative feedback mechanism? **Endocrinology,** 149(5):2459-2466. *Co-first authors.

2007 **Roepke, T.A.,** Malyala, A., Bosch, M.A., Kelly, M.J., and Rønnekleiv, O.K. Estrogen regulation of genes important for K^+ channel signaling in the arcuate nucleus. **Endocrinology,** 148(10):4937-4951.

2006 **Roepke, T.A.**, Hamdoun, A.M., and Cherr, G.N. Increase in multidrug transport activity is associated with oocyte maturation in sea stars. **Developmental Growth and Differentiation,** 48(9):559-573.

Roepke, T.A., Chang, E.S., and Cherr, G.N. Maternal exposure to estradiol and endocrine disrupting compounds alters the sensitivity of sea urchin embryos and the expression of an orphan steroid receptor. **Journal of Experimental Zoology,** 305A:830-841.

2005 Julian, D., Statile, J., **Roepke, T.A.,** and Arp, A.J. Sodium nitroprusside potentiates hydrogen-sulfide-induced contractions in body wall muscle from a marine worm. **Biology Bulletin,** 209(1):6-10.

Roepke, T.A., Snyder, M.J. and Cherr, G.N. Estradiol and endocrine disrupting compounds adversely affect development of sea urchin embryos at environmentally relevant concentrations. **Aquatic Toxicology,** 71(2):155-173.

2004 Hamdoun, A.M., Cherr, G.N., **Roepke, T.A.,** and Epel, D. Activation of multidrug efflux transporter activity at fertilization in sea urchin embryos (*Strongylocentrotus purpuratus*). **Developmental Biology,** 276(2):452-462.

Journal Articles (refereed) – Review articles, Editorials, Perspectives, and Commentaries

2024 Aghi, K., Sun, S.D., Goetz, T.G., Pfau, D., Guthman, E.M, and **Roepke, T.A.** Using Animal Models for Gender-Affirming Hormone Therapy. **J Endocrine Society**, *in press*.

2023 Moreira, J.D., Haack, K., White, V., Bates, M.L., Gopal, D.M., and **Roepke, T.A.** Importance of Survey Demographic Questions to Foster Inclusion Medicine and Research and Reduce Health Disparities for LGBTQIA2S+ Individuals. **Am J Physiol Heart Circ Physiol.** 324(6):H856-H862.

Nolan, C., **Roepke, T.A.,** and Perreault, M.L. Beyond the binary: Gender inclusivity in schizophrenia research. **Biological Psychiatry**, 94(7):543-549.

Goetz, T., Aghi, K., Anacker, C., Ehrensaft, D., Eshel, N., Marrocco, J., Young, J.W., and **Roepke, T.A.** Perspective on equitable translational and clinical studies for an unbiased inclusion of the LGBTQIA2S+ community. **Neuropsychopharmacology,** 48(6):852-856.

2022 Aghi, K., Sun, S.D., Goetz, T.G., Pfau, D., **Roepke, T.A.,** and Guthman, E.M. Centering the needs of transgender, non-binary, and gender-diverse populations in neuroendocrine models of gender-affirming hormone therapy. **Biol Psych: Cogn Neurosci Neuroimag,** 7(12):1268-1279.

Maita, I., **Roepke, T.A.,** and Samuels, B.A. Chronic stress-induced synaptic changes to CRF-signaling in the bed nucleus of the stria terminalis. **Front Behav Neurosci,** 16:903782.

Moreira, J.D., Bates, M.L., **Roepke, T.A.** Challenges and Inclusive Practices for LGBTQIA2S+ Scientists in the American Physiological Society. **Am J Physiol Heart Circ Physiol,** 323: H121–H124.

Lustig, R.H, Collier, D., Kassotis, C., **Roepke, T.A.,** Ji Kim, M., Blanc, E., Barouki R., Bansal, A., Cave M.C., Chatterhee, S., et al., Obesity I: Overview and Molecular and Biochemical Mechanisms. **Biochemical Pharmacology,** 199:115012.

Heindel, J.J, Howard, S., Agay-Shay, K., Audouze, K., Babin, P.J., Barouki, R., Bandal, A., Blanc, E., Cave, M.C., Chatterjee, S.,….**Roepke, T.A.,** et al., Obesity II: Establishing the Causal Link Between Chemical Exposures and Obesity. **Biochemical Pharmacology,** 199:115015.

2021 **Roepke, T.A.** and Sadlier, N.C. Impact of endocrine disruptors on neurons expressing GnRH or kisspeptin and pituitary gonadotropins. **Reproduction,** 162:F131-F145.

2020 Wiersielis, K.R., Samuels, B.A., and **Roepke, T.A.** Perinatal exposure to endocrine-disrupting compounds at the intersection of stress, anxiety, and depression. **Neurotoxicology and Teratology,** 79:106884.

2019 Vail, G., and **Roepke, T.A.** Membrane-initiated estrogen signaling via Gq-coupled GPCR in the central nervous system. **Steroids,** 142:77-83.

2018 Acevedo-Rodriguez, A., Kauffman, A.S., Cherrington, B.D., Laconi, M., Borges, C.S., and **Roepke, T.A.** Emerging insights into hypothalamic-pituitary-gonadal (HPG) axis regulation and interaction with stress signaling. **Journal of Neuroendocrinology,** 30(10):e12590.

Walley, S., and **Roepke, T.A.** Perinatal exposure to endocrine disrupting compounds and the control of feeding behavior–an overview. **Hormones and Behavior** 101:22-28.

2011 **Roepke, T.A.,** Rønnekleiv, O.K. and Kelly, M.J. Physiological consequences of membrane-initiated estrogen signaling in the brain. **Frontiers in Biosciences,** 16:1560-1573.

2009 **Roepke, T.A.,** Qiu, J., Bosch, M.A., Rønnekleiv, O.K. and Kelly, M.J. Cross-talk between membrane-initiated and nuclear-initiated oestrogen signalling in the hypothalamus. **Journal of Neuroendocrinology,** 21(4):263-270.

Roepke, T.A. Oestrogen modulates hypothalamic control of energy homeostasis through multiple mechanisms. **Journal of Neuroendocrinology,** 21(2):141-150. *Young Investigator Perspective*.

IN REVIEW, REVISION, and PREPARATION:

D'Souza, S.J., Horowitz, R.M., Bachnak, L., Immethun, V.E., Godwin, M.S., Limbert, V.M., Bauer, D.L., Plaisance, A.J., Morici, L.A., Lee, H., Lu, H., Craig, R., Kurtz, J.R., Blessinger, S.A., Lindsey S.H., Mauvais-Jarvis, F., Yasrebi, A., Appel, V., Roepke, T.A., McLachlan, J.A., and McLachlan, J.B. Helper CD4 T cell protection against intracellular bacterial infection is female-specific and dependent on the estrogen receptor-α. **Nature Communications**, *submitted*.

Hansel, M, Lubina, K., Roepke, T.A., Ohman-Strickland, P., Kannan, K., Wang, C., Miller, R.K., O'Connor, T., Rivera Núñez, Z., and Barrett, E. Maternal organophosphate esters and sex steroid hormones in mid-pregnancy. **Environmental Research**, *submitted*.

Weissman, J.L., Chappell, C. R., Rodrigues de Oliviera, B.F., Evans, N. Fagre, A.C., Forsythe, D., Frese, S.A., Gregor, R., Ishaq, S.L., Johnston, J., Bittu. K.R., Matsuda, S.B., McCarren, S., Roepke, T.A., Sinnott-Armstrong, N., Stobie, C.S., Talluto, L., Vargas-Muñiz, J.M., The Queer and Trans in Biology Consortium. Queer- and trans-iclusive faculty hiring – A call for change. **PLoS One**, *submitted*.

Botros, L., Yasrebi, A., Fournier, S. B., Stapleton, P., and **Roepke, T. A.** The interaction of diet and estrogen receptor alpha signaling on hemodynamics in male and female mice. *in preparation*.

Knox, N., Yasrebi, A., Denney, K., Degroat, T.J.D, Samuels, B.A., and **Roepke, T. A.** The interaction of diet-induced obesity and chronic stress on avoidance and cognitive behavior in a mouse model of menopause. *in preparation*.

Yasrebi, A.*, Rojas, C.*, Adams, S., Anthony, S., Feltri, S., Alexsunes, L.A., and **Roepke, T. A.** Maternal high-diet consumption alters the behavioral and metabolic response of offspring to perinatal organophosphate flame retardant exposure. *in preparation*. *co-first author

Wiersielis, K., Mukadam, R., Early, J., Rojas, C., Degroat, T., Knox, N., Appel A., Yasrebi, A., **Roepke, T.A.** Sex- and exposure-dependent differences in cognition from perinatal exposure to organophosphate flame-retardants in male and female adult offspring. *in preparation*.

Degroat, T.J., Paladino, S., Yasrebi, A., Denney, K., Samuels, B.A., and **Roepke, T.A.** Chronic variable mild stress alters intrinsic properties of corticotropin-releasing hormone neurons and the transcriptome of the anterodorsal bed nucleus of the stria terminals across the sexes in mice. *in preparation*.

Yasrebi, A., Otersen, K., Groh, O., Guthman, E.A., Sun, S., Aghi, K., Shmarakov, I., Campbell, S., and **Roepke, T.A.** Metabolic, behavioral, and intestinal outcomes of a preclinical mouse model of estrogen gender-affirming hormone therapy. *in preparation*.

INVITED PRESENTATIONS:

Invited Addresses, Seminars, and Award Presentations

2024 Interactions of 17β-estradiol and Peptide Hormones in the Control of Metabolism and Glucose Homeostasis via the Hypothalamus. Mid-Atlantic Diabetes and Obesity Research Symposium, National Institutes of Health, Bethesda, MD, September 27, 2024.

Dissecting Sex and Gender in Biology and Inclusion of Queer Identities. Princeton Neuroscience Institute, Princeton University, Princeton, NJ, September 26, 2024.

Supporting my community with my science: Preclinical Models of Gender-Affirming Hormone Therapy?' Society of Behavioral Neuroendocrinology, Online Trainee Symposium, September 12, 2024.

Panelist in 'Plenary session of Professional Development Workshop: Evolving concepts of "sex" and "gender": where are we and where do we need to go?' Professional Development Workshop, Society of Behavioral Neuroendocrinology, Columbus, OH, June 23, 2024.

Comparing the influence of physical and social chronic stressors on behavior, anterodorsal BNST transcriptome, and CRH neuronal excitability. Stress Neurobiology Workshop, Boston, MA, June 5, 2024.

Preclinical Models of Gender-Affirming Hormone Therapy and Cancer. Journal of the Endocrine Society Symposium: Hormone-Dependent Cancer Disparities. ENDO 2024, Boston, MA, June 1, 2024.

Challenges Faced by 2S/LGBTQIA+ Scientists and Opportunities for Inclusive Practices and Research. Graduate Program in Neuroscience, Department of Neuroscience, University of Minnesota, Minneapolis, MN, May 24.

LGBTQ+ in STEM and the Importance of Inclusive Toxicology, Panelist on "Current Statues of Diversity, Equity, Inclusion, and Accessibility in Toxicology: SOT Special Interest Groups as Models", Society of Toxicology, Salt Lake City, UT, March 12, 2024

Considering Sex and Gender in Toxicology. Undergraduate Diversity Program and the Committee of Diversity Initiatives, Society of Toxicology, Salt Lake City, UT, March 10, 2024

2023 Mentoring to Increase Inclusion in Scientific Spaces. Mid-Atlantic American College of Sports Medicine, Lancaster, PA, November 4.

Metabolic and behavioral disruption due to maternal and adult exposures to organophosphate flame retardants. Department of Psychology and Brain Sciences, University of Delaware, October 30.

Panelist in "Beyond the Lab: the LGBTQ+ neuroscientist's journey" webinar hosted by the ALBA Network Gender and Sexual Diversity Working Group. October 26.

Metabolic and behavioral disruption due to maternal and adult exposures to organophosphate flame retardants. Interdisciplinary Environmental Toxicology Program, University of Illinois in Champaign-Urbana, August 25.

Challenges Faced by LGBTQIA2S+ Scientists and Opportunities for Inclusive Practices and Research. Bowles Center for Alcohol Studies, School of Medicine, University of North Carolina, Chapel Hill, NC, April 19.

The influence of adult exposures to organophosphate flame-retardants on energy homeostasis, behaviors, and hypothalamic neuronal excitability. Society of Toxicology, Nashville, TN, March 20.

2022 The Role of BNST CRH in the Response to Chronic Stress: Genes, Neurons, and Behavior. School of Psychology: Behavioral Neurosciences, Arizona State University, Tempe, AZ, December 7.

How Mentorship Plays a Key Role to Increase a Scientist's Access to Inclusive Spaces. American College of Neuropsychopharmacology, Phoenix, AZ, December 7.

Beyond the Rainbow: Empowering LGBTQ+ Trainees and Colleagues Toward Successful and Authentic Careers. Co-Chair of Professional Development Workshop. Society for Neuroscience, San Diego, CA, Nov 12-16.

A Tale of Two Mouse Models of Menopause – How Dietary Fatty Acids and Estrogens Interact to Alter Physiology, Behavior, and the Gut Microbiome. Women's Health Research Cluster, University of British Columbia, November 7, virtual.

The influence of perinatal and adult exposures to organophosphate flame-retardants on neuronal excitability and gene expression in the hypothalamus. Society for the Study of Reproduction, Spokane, WA, July 27.

ERα-mediated estrogen signaling and organophosphate flame retardants: influence on the hypothalamic circuits that control feeding behaviors. Dept of Integrative Physiology and Neuroscience, Washington State University, July 25.

Co-Chair, Sex Differences in Metabolism Symposium at Endocrine Society, Atlanta, GA, June 11.

ERE-dependent and ERE-independent ERα Signaling and Metabolism. Sex Differences in Metabolism Symposium at Endocrine Society, Atlanta, GA, June 11. *last minute replacement.

Why do estrogens modulate ghrelin signaling in kisspeptin neurons from female mice? Albany Medical College. May 11, virtual.

The Neurophysiological Impact of Organophosphate Flame Retardant Exposure in the Hypothalamus of Adult Mice. Department of Biology, California State University, East Bay. April 19, virtual

The interactions of estrogens and dietary fatty acids on metabolism and behavior in mouse models of menopause. Monell Chemical Senses Center. Philadelphia, PA, March 15.

LGBTQ+ in STEM lecture in 'Diversity, Equity, and Inclusion in the Biomedical Sciences: Fundamental Concepts" graduate course. University of North Texas Health Science Center. February 21, 2022, February 4, 2023, February 19, 2024, virtual.

2021 Panelist on "Challenges and Opportunities for Translational Research and Clinical Strategies Within the LGBTQIA2S+ Community", American College of Neuropsychopharmacology, San Juan, PR. December 5-9.

Panelist on "So You Studied A Female Mouse, Now What? Reconciling Sex Differences in Animals With the Role of Gender in Mental Health", American College of Neuropsychopharmacology, San Juan, PR. December 5-9.

The physiological and behavioral interactions of estrogens and dietary fatty acids in mouse models of menopause. Rowan University, Department of Biology, October 9.

ERα modulates feeding behaviors by ERE-dependent and -independent signaling in female mice. Society of Behavioral Neuroendocrinology, July 1, virtual.

Chair of Symposium: Focus on Females: Sex-specific regulation of feeding, drinking, sleeping, and fighting. Society of Behavioral Neuroendocrinology, July 2, virtual.

The physiological implications of growth hormone secretagogue receptor expression in kisspeptin neurons in female mice. Department of Biology, Western Washington University, May 21, virtual.

2020 Beyond the Rainbow: Empowering LGBTQ^{+} Trainees and Colleagues Toward Successful and Authentic Careers. Co-Chair of Professional Career Development Panel, Society for Neuroscience, Washington, DC, October 25, 2020 – cancelled due to COVID-19 pandemic.

The Interactions of Estrogens, CRH Signaling, and Chronic Stress. Center for Behavioral Neuroscience, American University, October 21, virtual.

The Neurophysiological Impact of Organophosphate Flame Retardant Exposure in the Hypothalamus of Adult Mice. Interdepartmental Toxicology Graduate Program, Iowa State University, September 15, virtual.

2019 Interactions of OPFR Exposure and Diet on Energy Balance in Adult Mice. Department of Neuroscience, Virginia Polytechnic Institute and State University, Blacksburg, VA, September 18.

Modulation of KNDy-mediated Neuroendocrine Functions by Ghrelin. Neuroscience Graduate Program, Hunter College CUNY, New York, NY, October 25.

ERE-independent ERα signaling in feeding and exploratory behaviors. Department of Psychology, Saint Joseph's University, Philadelphia, PA, November 5.

The interactions of 17β-estradiol and ghrelin signaling in KNDy neuronal activity and neuroendocrine functions. Department of Animal Science, North Carolina State University. Raleigh, NC.

2018 Sex Differences in Metabolic Disturbances due to Maternal Exposure to Organophosphate Flame Retardants. Prenatal Programming and Toxicity VI, Torshavn, Faroe Islands. May 27-30.

Maternal Exposures to Estrogenic Endocrine Disrupting Compounds and Their Effects on Adults Offspring Energy Homeostasis. Society of Toxicology, San Antonio, TX. March 11-15.

2017 Convergence of Membrane-Initiated and Nuclear-Initiated Estrogen Signaling in Regulating the Expression and Activity of a Potassium Current. 2017 International Workshop in Neuroendocrinology, Cocón, Chile. August 6-9.

Disruption of Energy Homeostasis in Adult Mice Due to Exposures to Organophosphate Flame-Retardants. Department of Environmental Health Sciences, School of Public Health and Health Sciences, University of Massachusetts Amherst. Amherst, MA, March 20.

The Convergence of Membrane-initiated and Nuclear-initiated Estrogen Signaling on a Potassium Channel. Department of Psychology and Neuroscience, Temple University, Philadelphia, PA. March 29.

2016 The Blood Brain Barrier: Obesity and EDC. National Institute for Environmental Health Sciences (NIEHS) Obesity Grantee Meeting, Bethesda, MA. September 21-22.

Membrane-initiated Estrogen Signaling in Hypothalamic CRH Neurons is mediated by a Gq-coupled mER. 9th International Conference on the Rapid Responses to Steroid Hormones, Richmond, VA. November 2-5.

2015 Organizational and activational effects of estrogen in energy homeostasis. The Yin/Yang of Estrogen Signaling in the Control of Energy Homeostasis. Experimental Biology, Boston, MA. March 28-April 1.

2013 Regulation of hypothalamic functions by ERE-dependent and ERE–independent mechanisms. 8th International Conference on the Rapid Responses to Steroid Hormones, Erie, PA. September 19-22.

POSTER PRESENTATIONS:

2024 Knox., N., Yasrebi, A., Caramico, D., Wiersielis, K., Samuels, B.A., and **Roepke, T.A.** Interactions of diet and stress in a menopause mouse model. Society of Behavioral Neuroendocrinology, Columbus, OH, June 25, 2024.

Yasrebi, A., Otersen, K., Groh, O., Guthman, E.M., Shmarakov, I., Campbell, S., and **Roepke, T.A.** A Preclinical Mouse Model of Gender-Affirming Hormone Therapy: Metabolic and Behavioral Outcomes. Society of Behavioral Neuroendocrinology, Columbus, OH, June 25, 2024.

Maita, I., Dieterich, A., Hu, P., Yohn, C., **Roepke, T.A.,** and Samuels, B.A. Chronic stress exposure reduces effortful motivation behaviors through activation of corticotropin-releasing factor expressing neurons in the anterior bed nucleus of the stria terminalis. Stress Neurobiology Workshop, Boston, MA, June 5, 2024.

Degroat, T.J., Denney, K., Sameuls, B.A., and **Roepke, T.A.** Comparing the influence of physical and social chronic stressors on behavior, anterodorsal BNST transcriptome, and CRH neuronal excitability. Stress Neurobiology Workshop, Boston, MA, June 5, 2024.

Yasrebi, A., Otersen, K., Groh, O., Guthman, E.M., Shmarakov, I., Campbell, S., and **Roepke, T.A.** A Preclinical Mouse Model of Gender-Affirming Hormone Therapy: Metabolic and Behavioral Outcomes. ENDO 2024, Boston, MA, June 3, 2024

Wiersielis, K., Mukadam, R., Early, J., Yasrebi, A., Knox, N., Degroat, T., Appel, V., and **Roepke, T.A.** Perinatal Exposure to Organophoshpate Flame-Retardants Alters Cognition in Male and Female Adult Offpsring. Society of Toxicology, Salt Lake City, UT, March 12, 2024.

Rojas, C.M., Yasrebi, A., Adams, S., Anthony, S., Aleksunes, L., and **Roepke, T.A**. Interaction of Maternal Diet and Perinatal Exposure to Flame-Retardants on Offpsring Metabolism and Gene Expression. Society of Toxicology, Salt Lake City, UT, March 12, 2024.

2023 Wiersielis, K., Mukadam, R., Knox, N., Degroat, T., Yasrebi, A., **Roepke, T.A**. Sex differences in cognition from perinatal exposure to organophosphate flame-retardants in male and female adult offspring. Society for Neuroscience, Washington, DC, November 11-15.

Bilotti, M., Isskandar, V., Anthony, S., Yasrebi, A., **Roepke, T.A.,** Bello, N., and James, M. Sex differences in the effect of peripubertal bisphenol-A exposure on orexin (hypocretin) neuron function and related behaviors in early adulthood. Society for Neuroscience, Washington, DC, November 11-15.

Degroat, T.J., Samuels, B., and **Roepke, T.A.** Social stress effects on behavior and RNA expression of the bed nucleus of the stria terminals. Society of Behavioral Neuroendocrinology, Tours, FR, June 26-29.

Roepke, T.A., Yasrebi, A., Adams, S., Anthony, S., and Aleksunes, L. The interactions of maternal diet and exposure to flame retardants on offspring metabolism and behaviors. Society of Toxicology, Nashville, TN, March 19-23.

Bilotti, M., Isskandar, V., Anthony, S., **Roepke, T.A.,** Bello, N., and James, M. Peri-pubertal bisphenol-A exposure alters orexin expression in early adulthood: consequences for binge-like eating and mood outcomes. Society of Toxicology, Nashville, TN, March 19-23.

2022 Degroat, T.J., Wiersielis, K., Denney, K., Tollkuhn, J., Samuels, B., and **Roepke, T.A.** Chronic stress and its effects on behavior, RNA expression of the bed nucleus of the stria terminals, the M-current of NPY neurons. American College of Neuropsychopharmacology, Phoenix, AZ, December 4-7.

Maita, I., Bazer, A., **Roepke, T.A.,** and Samuels, B. The role of CRF+ neurons in the anterolateral bed nucleus of the stria terminalis in motivated behavior. Society for Neuroscience, San Diego, CA, Nov 12-16.

Bilotti, M., Isskandar, V., Anthony, S., **Roepke, T.A.,** Bello, N., and James, M. Peri-pubertal bisphenol-A exposure alters orexin expression in early adulthood: consequences for binge-like eating and mood outcomes. Society for Neuroscience, San Diego, CA, Nov 12-16.

Degroat, T.J., Wiersielis, K., Denney, K., Tollkuhn, J., Samuels, B., and **Roepke, T.A.** Chronic stress and its effects on behavior, RNA expression of the bed nucleus of the stria terminals, the M-current of NPY neurons. Society for Neuroscience, San Diego, CA, Nov 12-16.

Roepke T.A., Yasrebi, A., Adams, S., Anthony, S., and Aleksunes, L. The interactions of maternal diet and exposure to flame retardants on offspring metabolism and behaviors. Society of Behavioral Neuroendocrinology, Atlanta, June 28-July 1.

2021 Degroat, T., Rojas, C., Wiersielis, K., Yasrebi, A., and **Roepke T.A.** Intermittent fasting alters behavioral outcomes and gene expression in the central nervous system. Society of Behavioral Neuroendocrinology, virtual, June 28-July 2.

Wiersielis, K., Degroat, T., Kodali, S., Daisey, S., Samuels, B., and **Roepke, T.A.** Behavioral response to chronic variable mild stress in male and female mice. Society of Behavioral Neuroendocrinology, virtual, June 28-July 2.

Degroat, T., Wiersielis, K., Kodali, S., Daisey, S., Samuels, B., **Roepke, T.A.** Sex differences in the behavioral response to chronic stress and its influence on NPY neurons in the bed nucleus of the stria terminalis. Organization for the Study of Sex Differences, virtual meeting, May 3-6.

Wiersielis, K., Yasrebi, A., Conde, K., and **Roepke T.A.** Intermittent Fasting Alters Cognition, Anxiety-like Behavior, and Hippocampal Norepinephrine Content in Aged Mice. Experimental Biology, April 27-30, virtual.

Conde, K., Kulyk, D., Sun, Y., and **Roepke, T.A.** Synergistic control of KNDy neuronal influence on energy balance by ghrelin and estradiol. Endocrine Society, virtual meeting, March 20-23.

2020 Wiersielis, K., Yasrebi, A., Conde, K., and **Roepke, T.A.** Intermittent fasting alters cognitive processing and anxiety-like behavior in male and female mice. Pavlovian Society, September 10-11, virtual.

2019 Conde, K., Vanschaik, A., Sun, Y., and **Roepke, T.A.** KNDy neuronal sensitivity to ghrelin and the impact of 17beta-estradiol. Society for Behavioral Neuroendocrinology. Bloomington, IN, June 19-22.

Wiersielis, K., Ramirez, P., Yasrebi, A., Regan, D., and **Roepke, T.A.** The influence of ERα-mediated ERE-dependent and ERE-independent signaling on behavioral assessments of mood and cognition in female mice. Society for Behavioral Neuroendocrinology. Bloomington, IN, June 19-22.

Adam, S., Yasrebi, A., and **Roepke, T.A.** Sex- and age-dependent effects of maternal OPFR exposure on hypothalamic and liver gene expression in neonates. Society of Toxicology, Baltimore, MD, March 10-14.

Wiersielis, K., Adam, S., Yasrebi, A., and **Roepke, T.A.** Maternal Exposure to Organophosphate Flame-Retardants and Anxiety-like Behavior. Society of Toxicology, Baltimore, MD, March 10-14.

Vail, G., Yasrebi, A., and **Roepke, T.A.** Adult exposure to organophosphate flame retardants disrupts energy homeostasis and activity. Society of Toxicology, Baltimore, MD, March 10-14.

2018 Yasrebi, A., Regan, D., and **Roepke, T.A.** Comparing feeding and exploratory behaviors between WT and ERαKO male and female mice. 9th International Congress of Neuroendocrinology, Toronto, Canada, July 15-18.

Conde, K., and **Roepke, T.A.** Ghrelin inhibition of the M-current in KNDy neurons and the impact of 17β-estradiol. 9th International Congress of Neuroendocrinology, Toronto, Canada, July 15-18.

Walley, S.N., Yasrebi, A., and **Roepke, T.A.** The effects of maternal exposure to organophosphate flame-retardants on offspring feeding and exploratory behaviors. Society of Toxicology, San Antonio, TX, March 11-15.

Vail, G., and **Roepke, T.A**. The effects of organophosphate flame retardants on the M-current in NPY neurons in adult mice. Society of Toxicology, San Antonio, TX, March 11-15.

2017 Yasrebi, A., Regan, D., and **Roepke, T.A.** The role of ERα-mediated ERE-dependent and ERE-independent signaling in feeding and exploratory behaviors in male and female mice. Society for Neuroscience, Washington, D.C., November 11-15.

Vail, G., and **Roepke, T.A.** The effects of organophosphate flame retardants on the M-current in NPY neurons in adult mice. Society for Neuroscience, Washington, D.C., November 11-15.

Conde, K., and **Roepke, T.A.** Ghrelin inhibition of the M-current in KNDy neurons and the impact of 17β-estradiol. Society for Neuroscience, Washington, D.C., November 11-15.

Walley, S.N., Yasrebi, A., and **Roepke, T.A.** The effects of maternal exposure to organophosphate flame-retardants on offspring feeding and exploratory behaviors. Society for Neuroscience, Washington, D.C., November 11-15.

2016 Patel, V., Krumm, E.A., Tillery, T., Yasrebi, A., Shen, J., Guo, G., and **Roepke, T.A**. Adult Exposure to Flame Retardants Alters Energy Homeostasis, Peptide Hormone Levels and Hypothalamic and Liver Gene Expression. National Institute for Environmental Health Sciences (NIEHS) 25 Years of Endocrine Disruption Research: Past Lessons and Future Directions, Bethesda, MA. September 21-22.

2015 Yang, J.A., Yasrebi, A., Snyder, M., and **Roepke, T.A**. Regulation of KNDy neuronal gene expression in the arcuate nucleus of the mouse by 17β-estradiol, fasting and diet. Society for Behavioral Neuroendocrinology, Pacific Grove, CA. June 10-14.

Mamounis K.J. and **Roepke, T.A.** Obesity and Hypothalamic Inflammation from High Fat Diets of Different Fatty Acid Profile. Experimental Biology, Boston, MA. March 28-April 1.

2014 Yang, J.A., Mamounis, K.J., Yasrebi, A., and **Roepke, T.A.** Regulation of gene expression by 17beta-estradiol in the arcuate nucleus of the mouse through ERE-dependent and ERE-independent mechanisms, Society for Neuroscience, Washington, D.C., November 15-19.

Krumm, E.A., Yasrebi, A., Yang, J.A., Mamounis, K.J., and **Roepke, T.A.** The role of ERalpha signaling in the effects of maternal obesity on adult offspring energy homeostasis, Society for Neuroscience, Washington, D.C., November 15-19.

Yasrebi, A., Hsieh, A., Mamounis, K.J., Krumm, E.A., J. A. Yang, J.A., and **Roepke, T.A.** Regulation of GHSR signaling pathway in the arcuate nucleus and NPY neurons by fasting, diet-induced obesity and 17beta-estradiol in mice. Society for Neuroscience, Washington, D.C., November 15-19.

Gilens, J.F. and **Roepke, T.A.** Effects of Developmental Exposure to Nonylphenol and alpha-Zearalenol on Adult Energy and Glucose Homeostasis. Perinatal Programming and Toxicology IV, Boston, MA, October 25-29.

2013 Yang, J.A., Yasrebi, Ali, Mamounis, K., and **Roepke, T.A.** Regulation of gene expression by 17β-estradiol in the arcuate nucleus of the mouse through ERE-dependent and ERE-independent mechanisms. 8th International Conference on the Rapid Responses to Steroid Hormones, Erie, PA. September 19-22,

2011 **Roepke, T.A.,** Smith, A.W., Rønnekleiv, O.K. and Kelly, M.J. Serotonin 5HT2C receptor-mediated inhibition of the M-current in hypothalamic POMC neurons. Society for Neuroscience, Washington, DC, November 12-16

SERVICE:

Professional Community

1. Society of Behavioral Neuroendocrinology, Diversity, Equity, and Inclusion Committee, Chair 2024-Present
2. Editorial Board: Journal of the Endocrine Society, 2022-2023
3. Mid-Atlantic Society of Toxicology Chapter, Councilor, 2022-Present
4. Fond National Suisse, Grant Reviewer, December 2021
5. Endocrine Society – Abstract Reviewer, 2020-2024
6. Society of Behavioral Neuroendocrinology, Program Committee, 2021-2024
7. Society of Behavioral Neuroendocrinology, Awards Committee, 2021-2024
8. Women's Health Research Cluster, University of British Columbia, Belonging, Dignity, and Justice Committee, 2021-2022
9. Society of Toxicology, Out in Toxicology and Allies – Senior Councilor, 2020-2021, Vice President Elect, 2021-2022, Vice President 2022-2023, President 2023-2024, Past President 2024-2025
10. Ad hoc reviewer for NIH BNRS Study Section, Oct 5-6, 2023
11. Ad hoc reviewer for NIH POMD Study Section, June 22-23, 2021, and Oct 27-28, 2022
12. Ad hoc reviewer for NIH SYN Study Section, February 15, 2019, and February 14, 2020
13. Reviewer for NIH Special Emphasis Panel, ZDK1 GRB-N (O2), May 24, 2018, May 30, 2019, March 27, 2024
14. Agence Nationale de la Recherche, Grant Reviewer, June 2018
15. New Zealand Marsden Fund, Grant Reviewer, August 2016
16. Ad hoc/ECR reviewer for NIH IPOD Study Section, February 25, 2016
17. Reviewer for the following journals: *American Journal of Physiology: Heart and Circulatory Physiology; Applied Physiology, Nutrition, and Metabolism; Aquatic Toxicology; Archives of Environmental Contamination and Toxicology; Behavioral Brain Research; Biochemical and Biophysical Research Communications, Biology of Sex Differences; Brain Structure and Function; Endocrinology; eNeuro; Environmental Research; Environmental Toxicology; Food and Chemical Toxicology; Frontiers in Neuroendocrinology*; *Frontiers in Nutrition; Frontiers in Toxicology; General Physiology and Biophysics; Hormones and Behavior; International Journal of Sports Medicine; International Journal of Toxicology; Journal of Affective Disorders; Journal of Comparative Neurology; Journal of Endocrinology; Journal of Endocrine Society; Journal of Molecular Endocrinology; Journal of Neuroendocrinology; Journal of Neurophysiology; Journal of Neuroscience; Journal of Translational Neuroscience; Molecular and Cellular Endocrinology; Molecular Nutrition and Food Research; Molecular Reproduction and Development; Nature Communications, Neuroendocrinology; Neuropharmacology; Neuropsychopharmacology; Neuroscience*; *Neuroscience and Biobehavioral Reviews; Neurotoxicology; Nutrients; Nutritional Neuroscience; Proceedings of the Royal Society of London B*; *Psychoneuroendocrinology; Public*

Library of Science One; Scientific Reports; Steroids; Toxicology; Toxicology and Applied Pharmacology; Toxics.

Rutgers University

1. Rutgers University, Brain Health Institute, DEI Committee, Chair, 2024-Present
2. Rutgers University, New Brunswick Diversity Strategic Plan Working Group, Member, 2023-Present
3. Rutgers University, EOHSI, NIEHS Center for Environmental Exposures and Disease Pilot Project Co-Director, 2023-Present
4. Rutgers University, Faculty Development Council, 2022-Present
5. Graduate Program Director, Endocrinology and Animal Biosciences, 2020-2023
6. Rutgers University, Student Conduct Hearings and Appeal Board, 2020-2021
7. Rutgers University: Division of Diversity, Inclusion, and Community Engagement, Equity Advisor for School of Environmental and Biological Sciences, 2020-Present
8. Department AAUP-AFT Department Representative, 2020-Present
9. School of Environmental and Biological Sciences: Diversity, Philanthropy, and Communications Committee, 2019-Present; Chair, 2020-2022
10. School of Environmental and Biological Sciences: Chair of DEI Strategic Planning Committee, 2021-2022
11. School of Environmental and Biological Sciences: Strategic Planning Committee, Research Section, 2019-2020
12. School of Graduate Studies: Dean's Fellowship, reviewer, 2018-2020
13. Endocrinology & Animal Biosciences Graduate Program: Executive Committee, 2017-2020
14. Endocrinology & Animal Biosciences Graduate Program: Academic Standards Committee, 2013-Present; Chair: 2017-2020
15. Nutritional Sciences Graduate Program: Admissions Committee, 2017-2020
16. Joint Graduate Program in Toxicology: Curriculum Committee, 2015-Present
17. Joint Graduate Program in Toxicology: Co-chair, Post-Doctoral Committee for T32 Training Grant
18. Rutgers University RBHS Strategic Planning Committee: Obesity, Diabetes, and Endocrinology Workgroup, 2014
19. School of Environmental and Biological Sciences: George H. Cook Honors Committee, 2012-2017

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

- American Physiological Society
- The Endocrine Society
- Society for Behavioral Neuroendocrinology
- Society for Neuroscience
- Society of Toxicology
- The Pavlovian Society
- The Organization for the Study of Sex Differences
- Women's Health Research Cluster, University of British Columbia
- National Association of Diversity Officers in Higher Education

POSTDOCTORAL FELLOWS AND GRADUATE STUDENTS:

Postdoctoral researchers

Name, Degree	Years	Project Topic
Kevin Moran	2024-Present	The influence of peripubertal BPA exposure on orexin neuronal activity
	Co-mentor: M. James	
Katherine Denney	2023-Present	The role of ERα in the intra-BNST communication and CRH activation
	Co-mentor: B. Samuels	Diversity Supplement R01MH123544-S1
Kimberly Wiersielis	2018-2024	Maternal OPFR exposure and adult cognition and memory after exposure to chronic stressors, K99ES033256, Assistant Professor, Penn State
Pu Hu	2014-2015	Gq-mER mediates E2's rapid effects on hypothalamic CRH neurons
Jason Magby	2012-2014	Control of arcuate neuronal excitability by modulation of the M-current

Graduate students – Primary advisor (Rutgers)

Student	Years	Deg	Graduate Program	Project Topic
Morgan Atkinson	2025-	PhD	Endocrinology & Animal Biosciences	
Catherine Rojas	2023-	PhD	Toxicology	The interaction of maternal obesity and maternal OPFR exposure on offspring physiology and behavior
Victoria Appel	2023-	MS	Endocrinology & Animal Biosciences	The behavioral response of estrogen receptor alpha knockout mice to chronic stressors
Thomas Degroat	2020-	PhD	Endocrinology & Animal Biosciences	The influence of physical and social chronic stressors on BNST CRH neurons across the sexes in mice

Former Graduate students – Primary advisor (Rutgers)

Student	Years	Deg	Graduate Program	Project Topic
Nadja Knox	2022-2024	MS	Endocrinology & Animal Biosciences	The interactions of diet-induced obesity and chronic stress on mood and cognition in a mouse model of menopause
Kristine Conde	2017-2020	PhD	Neuroscience	The interaction of 17β-estradiol and ghrelin on KNDy neuronal excitability and hypothalamic control of reproduction and energy homeostasis in female mice
Gwyndolin Vail	2015-2020	PhD	JGP in Toxicology	The neuroendocrine and physiological impact of organophosphate flame retardants on energy homeostasis in adult mice

Ali Yasrebi	2016-2019	MS	Endocrinology and Animal Biosciences	The role of ERE-independent, ERα signaling in feeding and exploratory behaviors in male and female mice
Sabrina Walley	2016-2019	MS	JGP in Toxicology	Effects of maternal exposures to organo-phosphate flame-retardants on energy homeostasis, behavior and addiction
Kyle Mamounis	2012-2017	PhD	Nutritional Sciences	The metabolic effects of linoleic acid versus saturated fat in male mice, female mice and offspring exposed maternally
Jennifer Yang	2012-2016	PhD	Endocrinology & Animal Biosciences	Arcuate ERalpha-mediated estrogen signaling pathways and regulation of KNDy-associated gene expression in female mice
Elizabeth Krumm	2013-2015	MS	Endocrinology & Animal Biosciences	Effects of flame retardants on arcuate gene expression and energy homeostasis in mice

Graduate students – Member of dissertation committee (Rutgers)

Student	**Years**	**Deg**	**Graduate Program (Advisor)**	**Project Topic**
Samantha Adams	2023-	PhD	JGP in Toxicology (Phoebe Stapleton)	Maternal cardiovascular effects of air pollution
Fang Luo	2023-Present	PhD	Endocrinolgy & Animal Biosciences (Zhiping Pang)	GLP-1 signaling and feeding
Michelle Bilotti	2022-Present	PhD	JGP in Toxicology (Morgan James)	Peripubertal bisphenol A exposure and orexin signaling
Jordan Levy	2022-2024	PhD	Nutritional Sciences (Tracy Anthony)	Integrated stress response and circadian rhythms
Krysten Lambert	2022-Present	PhD	Nutritional Sciences (Wendie Cohick)	Developmental alcohol exposure and breast cancer
Jeremy Lessing	2021-2024	PhD	JGP in Toxicology (Maria Gloria Dominguez-Bello)	Consequences of Cesarian section on pup gut microbiome and neurodevelopment
Emily Hanselman	2021-Present	PhD	Nutritional Science (Paul Breslin)	Oral Metabolic Signaling from Carbohydrates
Ruliaha Taylor	2021-2024	PhD	JGP in Toxicology (Grace Guo)	Myclobutanil and liver FXR-Fgf15 signaling in NASH
Isabella Maita	2020-2023	PhD	Neuroscience (Benjamin Samuels)	The role of CRH signaling in the adBNST in the response to chronic stressors
Gregory Berger	2020-2023	PhD	Endocrinolgy & Animal Biosciences (Nicholas Bello)	The role of orexin neurons and the locus coeruleus in binge eating disorder
Ke Sui	2019-2023	PhD	Food Science (Diana Roopchand)	Influence of CBD, estrogens, and fatty acids in the gut microbiome
Xinyi Li	2019-2021	PhD	Nutritional Sciences (Nicholas Bello)	Influence of the locus coeruleus in mediating individual differences in obesity and opioid misuse
Jennifer Schaefer	2019-2023	PhD	JGP in Toxicology (Andy Babwah)	The role of Kiss1r signaling in embryo implantation
Chelsee Holloway	2017-2022	PhD	Endocrinology & Animal Biosciences (Loredonna Quadro)	Beta carotene metabolism the maternal heart during pregnancy

John Szilagyi	2015-2018	PhD	JGP in Toxicology (Lauren Aleksunes)	Regulation of BCRP/ABCG2 and its role in placental protection from xenobiotics
Stephanie Marco	2016-2019	PhD	JGP in Toxicology (Brian Buckley)	Pharmacokinetics of organophosphate flame-retardants
Miguel Carbera	2017-2018	PhD	Endocrinology & Animal Biosciences (Dipak Sarkar)	Fetal Alcohol Exposure Induces Neurotoxic Effects on β-Endorphin Neurons Through Microglial Activation
Kate Annunziato	2016-2018	PhD	JGP in Toxicology (Keith Cooper)	Effects of polyfluorinated compounds on early zebrafish development
Juliet Gotthardt	2014-2017	PhD	Nutritional Sciences (Nicholas Bello)	Effects of intermittent caloric deprivation on metabolic and neural parameters in diet induced obese male mice
Ashley George	2014-2018	PhD	Endocrinology & Animal Biosciences (Carol Bagnell)	Maternal programming of the neonatal porcine uterus
Seher Yirtici	2014-2016	MS	Endocrinology & Animal Biosciences (Mehmet Uzumcu)	Effects of developmental exposure to estrogenic endocrine-disrupting chemicals methoxychlor and bisphenol A during fetal and neonatal periods on ovarian folliculo-genesis and reproductive parameters in rats
Jamie Moscovitz	2015-2016	PhD	JGP in Toxicology (Lauren Aleksunes)	Enterohepatic nuclear receptor signaling during pregnancy
Hillary Stires	2013-2016	PhD	Endocrinology & Animal Biosciences (Wendie Cohick)	Fetal alcohol exposure alters the estradiol and IGF-I systems to promote mammary tumorigenesis
Arpita Bhurke	2013-2015	MS	Endocrinology & Animal Biosciences (Mehmet Uzumcu)	Delayed and transgenerational effects of BPA in the ovary
Jessica Verpeut	2012-2015	PhD	Endocrinology & Animal Biosciences (Nicholas Bello)	Feeding-related noradrenergic alterations in *Engrailed 2* knockout mice

Graduate students – Member of dissertation committee (External)

Student	**Years**	**Deg**	**Graduate Program (Advisor)**	**Project Topic**
Hannah Lamont	2023-Present	PhD	Neuroscience, Rutgers Newark (Ioana Carcea/Vanessa Routh)	Social isolation, oxytocin, and glucose sensing in the hypothalamus
Zahra Adahman	2020-2024	PhD	Neuroscience, Rutgers Newark (Ioana Carcea)	Neural circuits for social behavior adaptations to environmental temperature
Pamela Hirschberg	2019-2024	PhD	Neuroscience, Rutgers Newark (Vanessa Routh)	nNOS-GI vlVMH neurons inhbitionof LH orexin neurons to control BAT and thermogenesis
Mary Regis Shanley	2019-2021	PhD	Biology, Hunter College (Allyson Freidman)	The role of estrogens in the neurophysiology of VTA dopamine neurons

UNDERGRADUATE STUDENTS:

Undergraduate students: supervised in Research in Animal Sciences, Aresty, or George H. Cooks Scholars

Student	**Semesters**	**Major**	**Project Topic**
Michelle Hernandez	F'11-F'12, Sp'14-Sp'15	Animal Science	Effects of HFD on female mice*

Pauline Chen	Sp'12, F'12, Sp'13	Animal Science	NA
Josh Gilens	F'12-Sp'14	Animal Science	The effects of EDC on energy balance*
Anna Hsieh	Su'12-F'14	Animal Science	Regulation of Ghsr in NPY neurons by diet*
Renee Levesque	F'12, Sp'13	Animal Science	NA
Janelle Rivera	Sum'13-Sum'15	Animal Science	Merck Alliance Ciencia Hispanic Scholars
Jennifer Skorupa	Sp'13	Bio. Sciences	NA
Marisa Snyder	F'13-Sp'14	Animal Science	The LH surge & gene expression in the arcuate*
Siama Usmani	Sp'13, F' 13	Bio. Sciences	NA
Anthony Fruges	F'13-Sp'14	Animal Science	NA
Ruleena Barreto	F'13-Sp'15	Animal Science	NA
Victoria Wright	F'13-F'16	Animal Science	NA
Wendy Flores	F'14-Sp'15	Bio. Sciences	Arcuate gene expression by devel. exposures to EDC**
Alejandra Villalobos	Sp'14-Sp'15	Animal Sciences	Maternal overnutrition and gene expression*
Steven Rabel	Sum'14-Sp'16	Animal Science	NA
Nicholas Margolis	Sum'14-F'15	Animal Science	Obesity and diets high in *n*-6 PUFA
Taylor Tillery	F'14-Sp'17	Animal Science	Arcuate gene expression by devel. exposures to EDC**
Sarah O'Leary	Sp'15	Animal Science	NA
Vipa Patel	Sum'14-Sp'17	Animal Science	Effects of OPFR on energy and glucose homeostasis*
Frenzel Leyva	F'14-Sp'15	Animal Science	
Gina Giunta	F'14-Sp' 15	Animal Science	
Christina Kaye	Sum'14-Sp' 15	Animal Science	
Daniel Regan	Sum'15-Sp'17	Mol. Bio. & Biochem.	
Lubna Begum	Sum'15-F'15	Bio. Sciences	
Cortney Esposito	F'15	Animal Science	
Jessica Medina	F'15-Sp'17	Animal Science	
CarolAnn Diadone	F'16-Sp'17	Animal Science	
Justine Kwiecinski	F'16-Su'17	Animal Science	
Audrey Ghanian	F'16-Sp'17	Animal Science	
Naomi Shvedov	Sp'17-Sp'18	Cell Bio Neurosci	FFA in maternal diets and offspring energy balance
Lisa Botros	Sp'17-Sp'18	Animal Science	Role of ERα on hemodynamics and DIO*
Niveline Charles	Su'17	Bio. Sciences	
Allison Vanschaik	F'17-Sp'19	Animal Science	The physiological and neuroendocrine role of GHSR in KNDy neurons in females*
Samantha Kern	F'17-Sp'19	Animal Science	The role of ERα on Hormone-Induced feeding behaviors in male and female mice*
Nicole Girgis	F'17-Sp'19	Animal Science	The interaction of estrogen and ghrelin and its effect on locomotor and anxiety-like behavior in female mice*
Ananya Tirupathur	F'17-Sp'18	Animal Science	
Catherine Fourier	F'17-Sp'18	Animal Science	
Chloe Baker	F'17-Sp'18	Animal Science	Maternal OPFR exposure and glucose homeostasis*
Danielle Kulyk	F'17-Sp'19	Animal Science	The role of GHSR in KNDy Neurons and the response to diet-induced obesity*
Angela Maeng	F'17-Sp'19	Biotechnology	The regulation of melanocortin neuropeptide expression in the arcuate nucleus by OPFR exposure in adult mice*
Samantha Adams	Su'18-Sp'19	Animal Sciences	Effects of maternal OFPR exposure on neonatal gene expression
Patricia Ramirez	Su'18-Sp'19	Biol. Sciences	
Kayla Munir	Su'18-Sp'19	Genetics	
Sierra Daisy	Sp'19-	Animal Science*	Behavioral response to the deletion of GHSR in kisspeptin neurons
Samuel Fisher	Su'19-Sp'22	Exercise Sci*	The effects of dietary fatty acid content on arcuate gene expression in two mouse models of menopause
Igor Lupinksi	Fa'19-Sp'20	Biochemistry	
Sowmya Kodali	Sp'20-Sp'21	Biol Sciences*	Sex differences in the behavioral response to CVMS in adult mice
Johanna Trinidad	Fa'19-present	Animal Sciences	
Kaela Weaver	Fa'19-Sp'21	Animal Sciences	

Jordyn Cappa	Sp'20	Genetics
Abriana Paris	Sp'20	Animal Sciences
Rebekah Belle	Sp'20	Animal Sciences, Project SUPER
Brea Tinsley	Su'20	RISE
Allure Gray	Sp'21-Fa'21	Animal Sciences, Project SUPER
Kyla Smith	Su'21	RISE
Victoria Appel	Su'21-Sp'22	Animal Sciences
Genaye Deal	Fa'21	Animal Sciences
Reece Tong	Fa'21-Fa'22	Biotechnology
Olivia Cospito	Fa'21-present	Animal Sciences* Influence of cesarian section birth on behavior in a mouse model of autism
Rachel Disanto	Sp'22-present	Microbiology
Samantha Feltri	Sp'22-present	Biological Sciences
Kenneth Morales	Sp'22-present	Biotechnology
Zachary Kobbs	Su'22	RISE/SURF
Sarah Paladino	Su'21-present	Animal Sciences *Chronic stress and BNST PKCdelta neuronal excitability
Nyasia Lawson	Su'22-Fa'22	Biotechnology
Julia Meints	Fa'22-present	Animal Sciences
Simran Kakkar	Fa'22-present	Biological Sciences
Jamilah Evelyn	Sp'23-present	Animal Sciences
Daniel Caramico	Sp'23-present	Animal Sciences*
Sarah Van Name	Sp'23-present	Animal Sciences*
Dhristi Raval	Sp'23-present	School of Pharmacy
Ridha Mukadam	Su'23-present	Biological Sciences* OPFR exposure and cognition and memory
Jarret Early	Su'23-present	Animal Sciences
Olivia Pietruszynska	Fa'23-present	Animal Sciences*
Julia DeLucca	Fa'23-present	Animal Sciences
Jennika Patwary	Fa'23-present	Undeclared

*G.H. Cook Scholar **Aresty Scholar