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Research A2013

Bryn Mawr Summer Science Research Award (Antonia Caffrey)	2020
Bryn Mawr Summer Science Research Award (Emily Saks)	2019
Frances Velay Women's Science Research Fellowship (Ariel Li)	2019
Haverford KINSC Summer Scholar Award (Joshua Searle)	2019

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Featured Faculty Profile, Bryn Mawr Alumnae Bulletin	2022
Children s Hospital of Philadelphia Distinguished Research Trainee	2018
Society for Neuroscience Trainee Professional Development Award	2018

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- C.1?5!H "**, <sup>M</sup>O Mara LA, <sup>M</sup>Branch A, <sup>M</sup>Dobkin J, Luz S, Vigderman A, Shingala A, Kubin L, Ross R, Bhatnagar S (2020) Passive Coping Strategies During Repeated Social Defeat Are Associated With Long-Lasting Changes in Sleep in Rats. 14:6. doi : 10.3389/fnsys.2020.00006
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- C.1?5!H "**, Bhatnagar S (2020) The contribution of orexins to sex differences in the stress response. 1731:145893. doi : 10.1016/j.brainres.2018.07.026
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- C.1?5!H "**, <sup>M</sup>Geng E, Corbett BF, Urban K, Bhatnagar S (2019) Sex- and Stress-Dependent Effects on Dendritic Morphology and Spine Densities in Putative Orexin Neurons. 418: 266-278. doi : 10.1016/j.neuroscience.2019.08.026
- <sup>M</sup>Eacret DE, **C.1?5!H "**, Gotter AL, Renger JJ, Winrow CJ, Bhatnagar S (2019) Orexin signaling during social defeat stress influences subsequent social interaction behaviour and recognition memory! doi : 10.1016/j.bbr.2018.05.032
- C.1?5!H "**, Bhatnagar S (2018) Orexins & Stress. 51:132-145. doi : 10.1016/j.yfrne.2018.06.003
- Dustrude ET, Caliman IF, Bernabe CF, **C.1?5!H "**, Bhatnagar S, Bonaventure P, Johnson PL, Molosh AI, Shekar A (2018). Postsynaptic Orexin 1 Receptor facilitates Central Amygdala Neuron Depolarization via Sodium-Calcium Exchanger. 12:934. doi : 10.3389/fnins.2018.00934
- C.1?5!H "!** <sup>M</sup>Eacret DE, <sup>M</sup>Dobkin J, Bhatnagar S (2018) Reduced orexin system function underlies resilience to repeated social defeat stress. 5(2). doi : 10.1523/ENE .0273-17.2018!
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- C.1?5!H "**, <sup>M</sup>Eacret DE, Luz S, Gotter AL, Renger JJ, Winrow CJ, Bhatnagar S (2017) Orexin 2 receptor regulation of the hypothalamic–pituitary–adrenal (HPA) response to acute and repeated stress. 348:313–323. doi : 10.1016/ . .2017.02.038
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- C.1?5!H "**, <sup>M</sup>Cornfeld A, Luz S, Valentino R, Bhatnagar S (2017) Orexins Mediate Sex Differences in the Stress Response and in Cognitive Flexibility. 81:683–692. doi : 10.1016/j.biopsycho.2016.10.013
- !
- C.1?5!H "**, Flanagan-Cato LM (2016) Differential effects of mineralocorticoid and angiotensin II on incentive and mesolimbic activity. 79:28–36. doi : 10.1016/j.yhbeh.2015.12.002
- !
- C.1?5!H "**, <sup>M</sup>Takacs AE, Yee DK, Flanagan-Cato LM (2014) The Role of the Hypothalamic Paraventricular Nucleus and the Organum Vasculosum Lateral Terminalis in the Control of Sodium Appetite in Male Rats. 34:9249–9260. doi : 10.1523/JNEUROSCI.3979-13.2014
- E546509.565.!H "**, Fluharty SJ, Yee DK, Flanagan-Cato LM (2013) Endogenous angiotensin II-induced p44/p42 mitogen-activated protein kinase activation mediates sodium appetite but not thirst or neurohypophysial secretion in male rats. 25:97-106. doi : 10.1111/j.1365-2826.2012.02376.x
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<sup>BMC</sup> indicates Bryn Mawr College mentee, <sup>M</sup> indicates student mentee, \* indicates co-senior authors

<sup>BMC</sup>Ravaglia IC, <sup>BMC</sup>Jasodanand V, Bhatanagar S, **C.1?5!H"!**(2024) Sex differences in body temperature and neural power spectra in response to repeated stress. In revision at

Laura Grafe, PhD

Claire Eckstein-Indik /4)5"6" )5" )7*+7#58.	2019
Emily Saks /4)5"6" )5" )7*+7#58*3*+#0 0 "\$*1 "&"2\$' - .	2019
Katherine Sweasy /4)5"6" )5" )7*+7#58*3*9&8' -%:%;8*+" )(%\$* , - "&(<*=%)%\$&.	2018-2020
Hannah Zamore /9&8' -%:%;8*+" )(%\$* , - "&(<*=%)%\$&.	2018-2019
Rebecca Kaplan /9&8' -%:%;8*+" )(%\$* , - "&(<*=%)%\$&.	2018-2019
Meghana Koduru /4)5"6" )5" )7*+7#58.	2018

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Katelyn Tu / ! "#\$%&' (" ) ' '*+" )(%\$* , - "&(<=&.	2022-2023
Joshua Searle /+#0 0 "\$*1 "&"2\$' - .*	2019

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Melanie Schaffler	2018
Lauren O Mara	2017-2018
Eric Geng	2017-2018
Ria Chhabra	2017
Elizabeth Feindt-Scott	2017
Jane Dobkin	2015-2018
Anna Branch	2015-2018
Amanda Cornfeld	2014-2016

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Laura Grafe, PhD  
Bryn Mawr Psychology Department:  
PA, February 2018

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Laura Grafe, PhD	
Neuroscience Research Academy, UPenn, Lecturer	2016
Center for Teaching and Learning Teaching Certificate	2013
Course in College Teaching	2012
TA Trainer for the Center for Teaching and Learning	



Laura Grafe, PhD  
Neurobiology of Stress Workshop  
Society for Neuroscience  
Organization of the Study of Sex Di

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2014-present  
2008-present