

**Investigator(s):**

Gurung, Prajwal

**Project Title:**

*Development and Testing of a Novel Sensor Platform Technology for Detection of Endocrine Disrupting Compounds*

**Year Funded:**

2018

**Amount Received:**

\$40,000

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**Investigator(s):**

LeFevre, Gregory

Toor, Fatima

**Project Title:**

*Development and Testing of a Novel Sensor Platform Technology for Detection of Endocrine Disrupting Compounds*

**Year Funded:**

2018

**Amount Received:**

\$40,000

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**Investigator(s):**

Liu, Buyun

Bao, Wei

Lehmler, Hans-Joachim

Dai, Susie

Santillan, Donna

Santillan, Mark

Wang, Kai

**Project Title:**

*Longitudinal study of maternal exposure to BPA substitutes during pregnancy in relation to offspring birth weight*

**Year Funded:**

2018

**Amount Received:**

\$40,000

**Investigator(s):**

Polgreen, Phillip  
Sewell, Daniel

**Project Title:**

*Using environmental data to help inform empiric treatment for community acquired pneumonia to reduce unnecessary antimicrobial use*

**Year Funded:**

2018

**Amount Received:**

\$40,000

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**Investigator(s):**

Thorne, Peter  
Haque, Ezazul  
Adamcakova-Dodd, Andrea  
Bostick, Benjamin  
Buettner, Garry

**Project Title:**

*Characterization of lead (Pb) speciation and the effect of mixtures on toxicity in a chronic inhalation exposure animal model*

**Year Funded:**

2018

**Amount Received:**

\$40,000

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**Investigator(s):**

Xiao, Qian  
Bao, Wei  
Sandler, Dale  
London, Stephanie  
Beane Freeman, Laura  
Koutros, Stella

**Project Title:**

*Carbamate use and diabetes: The role of melatonin pathway and circadian genes*

**Year Funded:**

2018

**Amount Received:**

\$29,612

**Investigator(s):**

Blount, Robert  
Thorne, Peter  
Metwali, Nervana

**Project Title:**

Effects of PM<sub>2.5</sub> composition on tuberculosis infection and human airway antimicrobial activity

**Year Funded:**

2018

**Amount Received:**

\$40,000

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**Investigator(s):**

Just, Craig  
Lindmark, Megan

**Project Title:**

Autonomous sensing and machine learning to maximize water system uptime and drinking water safety in resource-constrained communities

**Year Funded:**

2018

**Amount Received:**

\$20,153

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**Investigator(s):**

Lehmler, Hans-Joachim  
Ding, Xinxin

**Project Title:**

Disposition of chiral polychlorinated biphenyls (PCBs) in a CYP1A6-humanized mouse

**Year Funded:**

2018

**Amount Received:**

\$40,000

**Investigator(s):**

Martinez, Andreas  
Marek, Rachel  
Cwiertny, David

**Project Title:**

Demonstration of electrospun nanofiber mat as a novel passive sampler device for airborne pesticides

**Year Funded:**

2018

**Amount Received:**

\$39,306

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**Investigator(s):**

Pierce, Gary  
Holwerda, Seth  
Comellas, Alejandro

**Project Title:**

Static lung hyperinflation and sympathetic nerve activity-associated large artery stiffness in patients

**Year Funded:**

2018

**Amount Received:**

\$39,613

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**Investigator(s):**

Roman, David  
Lehmler, Hans-Joachim

**Project Title:**

Assessing modulation of G Protein Coupled Receptor (GPCRs) by environmental contaminants using a GPCR-ome screen

**Year Funded:**

2018

**Amount Received:**

\$40,000