### Three New NIH Grants Awarded to Dr. Bill Freeman

<table>
<thead>
<tr>
<th>Year</th>
<th>Research Description</th>
<th>Grant ID</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-2024</td>
<td>Sex divergence and cell specificity of age-related hippocampal DNA modifications</td>
<td>R01AG0256161 NIA/NIH $2,187,623</td>
<td>Role: PI</td>
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<tr>
<td>2019-2021</td>
<td>Does dietary restriction alter stem cell function through an epigenetic mechanism?</td>
<td>R21AG062894 NIA/NIH $416,099</td>
<td>Role: Co-PI</td>
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<tr>
<td>2019-2024</td>
<td>Microbiome-triggered reprogramming and mutation of colon epithelial cells leading to tumor stem-like cells.</td>
<td>1R01CA230641-01A1 NCI/NIH</td>
<td>Role: Co-I</td>
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  - Awarded to Dr. Bill Freeman
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  - Edith Kinney Gaylord Presidential Professor Award
  - Elizabeth Anderson Award
- **Award for Dr. Bill Freeman**
  - President’s Associate Professor Award
- **Postdoctoral fellow and graduate student achievements**
  - Greenwood-Van Meerveld lab
  - Freeman lab
- **A top 20 most read paper in Neuromodulation**
  - Dr. Robert Foreman

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**Happy Retirement**

Dr. Robert Blair

Welcoming new additions to the department!
- Kai Zhu (Guo lab)
- Sarah Bounds (Cai lab)
- Huanhuan Liu (Cai Lab)
From the College of Medicine Student Council -

“Dear Dr. Kennon Garrett,

It gives me great pleasure to inform you that the Medical Student Council, on behalf of the OU College of Medicine student body, has selected you as the recipient of the “2019 Edgar W. Young Lifetime Achievement Award.” Congratulations! This award honors an individual’s long-term dedication to teaching and mentoring the next generation of physicians.”
Awards for Dr. Raju Rajala

Congratulations to Dr. Raju Rajala for receiving the following two awards/honors:

Raju V.S. Rajala, Ph.D., M.G. McCool Professor of Ophthalmology and Professor of Physiology has been named an Edith Kinney Gaylord Presidential Professor (see photo below related to this event).

Raju V.S. Rajala, Ph.D. is also the recipient of the Elizabeth Anderson Award for Macular Degeneration Research 2019 from BrightFocus Foundation.
Congratulations to Dr. Bill Freeman for receiving the President’s Associates Presidential Professor Award. This award goes for three years.
Dr. Tijs Louwies a member of Dr. Greenwood-Van Meerveld’s lab gave a platform presentation at Digestive Diseases week (DDW) in May in San Diego. Dr. Louwies also received a Junior Investigator award at the meeting for his research presentation entitled *Sexual dimorphic epigenetic regulation of chronic visceral pain following unpredictable early life stress*


Two post-doctoral fellows of Dr. Greenwood-Van Meerveld’s lab have been invited to attend a YIF which is part of the American Neurogastroenterology and Motility annual meeting to be held in Chicago (August 16th). Only fifteen junior investigators are invited to participate in the YIF which is a great honor. Participants present their research, get to meet key opinion leaders and are asked to prepare a grant application for review and critique by members of NIDDK.
Orock A, James Love, Casey Ligon, Greenwood-Van Meerveld B. Pre-Exposure to an Enriched Environment Blocks the Development of Viscero-Somatic Hypersensitivity Induced by Chronic Psychological Stress. ANMS Chicago

Louwies T*, Greenwood-Van Meerveld B. The molecular origin of sex differences in chronic visceral pain following unpredictable early life stress. ANMS Chicago

Graduate student in Dr. Bill Freeman’s Laboratory awarded a PHF Pre-doctoral fellowship

Sarah Ocanas has been awarded a PHF Pre-doctoral fellowship ‘Epigenetic regulation of sexually divergent neuroinflammation with brain aging’ $15,000 for 2019-2020.
A top 20 most read paper in *Neuromodulation* by Dr. Robert Foreman


The first author is Bengt Linderoth.

The certificate states the following:

TOP DOWNLOADED ARTICLE 2017-2018

Congratulations to Robert D. Foreman

Whose paper has been recognized as a top 20 most read paper in the journal *Neuromodulation*.

**RETIREMENT LUNCHEON for DR. ROBERT BLAIR**

June 14, 2019
RETIREMENT LUNCHEON for DR. ROBERT BLAIR (C’td)
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Welcoming new additions to the Department

Kai Zhu (Postdoctoral fellow in Dr. Qing Guo’s lab)

Sarah Bounds (Research Assistant in Dr. Jiyang Cai’s lab)

Huanhuan Liu (New addition to Dr. Jiyang Cai’s lab)

About the newsletter

We hope you have enjoyed reading the OUHSC Physiology newsletter. This publication is intended to share with everyone the latest events and developments within the Department. We welcome articles, thoughts and suggestions for our future issues. Please do so by emailing Dr. Hui-Ying Lim (hlim@ouhsc.edu).