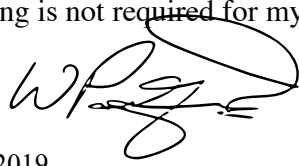


**Verification that Training in the Protection of Animal Subjects Not Required**

We have discussed necessary research compliance for my thesis and have determined that IACUC/CITI training is not required for my thesis research.

Student Signature:

A handwritten signature in black ink, appearing to be 'W. P. G.' with a large, sweeping flourish at the end.

Date: March 29, 2019

Advisor Signature:

A handwritten signature in black ink, appearing to be 'EMB' in a bold, stylized font.

Date: 4/1/19