

## 2018 PRECISION MEDICINE RESEARCH FELLOWSHIPS

The Precision Medicine Research Fellowships are competitive awards given annually to highly qualified undergraduate and graduate students from Notre Dame that enable them to spend eight weeks in summer residence conducting laboratory and clinical research at the prestigious Feinstein Institute for Medical Research (FIMR) in Manhasset, New York. The Institute, which is part of the 21-hospital Northwell Health system, recruits more than 15,000 patients each year into over 2,100 studies. These fellowships afford Notre Dame students a rare opportunity to experience hands-on biomedical research in a world-class setting.

It is anticipated that four summer fellowships will be awarded this year – to two undergraduate and two graduate students. The fellowships are concurrent with FIMR's existing visiting scholars program, which takes place from approximately June 1 to July 31 each year. The online application opens on November 1st, 2017, and must be completed by 5 p.m. ET on January 15, 2018.

An information session to learn more about the program will be held on Wednesday, November 15, 2017, from 5 - 7 p.m. ET in 141 McCourtney Hall. All interested students are encouraged to attend.

Undergraduate Students: Each undergraduate student receives a total stipend of \$5,600 (\$700/week for eight weeks) to cover daily living expenses.

Graduate Students: Awards to graduate students are treated as paid internships and equal the current summer stipend rate for graduate students or \$5,600 for the eight week period, whichever is greater.

For all students, the cost of transportation to and from FIMR and their home or campus is covered (within reason and subject to approval). In addition, the Feinstein Institute, which is a 30 minute train ride from New York City, provides apartment housing on the institute's campus at no cost to our Precision Medicine Fellows.

To learn more about the fellowships and their requirements, watch a video about this fellowship experience, and access the online application, please visit:

[ADVANCEDDIAGNOSTICS.ND.EDU/OPPORTUNITIES](http://ADVANCEDDIAGNOSTICS.ND.EDU/OPPORTUNITIES)



# Precision Medicine – Feinstein Fellows



**Christopher Ebsch**  
2017 Feinstein Fellow  
Mentor - Chad Bouton  
Development of tools to study both noninvasive and invasive stimulation of the Vagus nerve

**Anne Grisoli**

2016 Feinstein Fellow  
Mentor – Dr. Kevin Tracy  
Development of a model to study the influence of the nervous system on antigen movement through the lymphatic system



**Ju Young Kim**  
2017 Feinstein Fellow  
Mentor - Dr. Patricio Huerta  
Development of a method to visualize mouse brain cells using fluorescent dye



**Richard Felli**  
2016 Feinstein Fellow  
Mentor - Dr. Patricio Huerta  
Calibration of data from brain abnormalities that occur during sepsis in mice



**Esther Lee**  
2017 Feinstein Fellow  
Mentor - Dr. Kevin Tracy  
Development of a method to study the interaction between Vagus nerve stimulation and inflammation

**Kate Ludwig**

2016 Feinstein Fellow  
Mentor - Dr. Betsy Barnes  
Optimization of an assay for the phosphorylation of a protein involved in Lupus and breast cancer tumor development



**James Shuttleworth**  
2017 Feinstein Fellow  
Mentor - Dr. Lance Becker  
Development of a diagnostic tool to determine the length of time a patient has been in cardiac arrest



**Steven Marczak**  
2016 Feinstein Fellow  
Mentor - Dr. Lance Burton  
Development of a portable sensor for fluorescent biomarkers related to cardiac arrest