

## Maya Fitriyanti

From: Bandung, Indonesia

Studies: Ph.D, Agricultural and Biological Engineering with major concentration in Biological and Food Process Engineering

### Why did you choose Purdue?

Purdue is among the best universities for graduate programs in Biological/Agricultural Engineering. Some of the professors at my previous campus back home are from Purdue. I often saw their cars at a parking lot with Purdue stickers. So I thought this also might be the sign why I should choose Purdue!

### What is your favorite fact about Purdue?

It is located in a friendly small college town which is perfect for studying, but still within a good distance to bigger cities like Indianapolis and Chicago. Also, there is a lot of diversity in Purdue.

### Please briefly describe your research:

My research is about combining sound energy and antimicrobial compounds to inactivate bacterial cells. I study on how they are disrupting the cell membranes that can lead to bacterial cell death. This knowledge can be useful for example in designing new drugs and food preservation.

### Name one to three words that best describes your work?

Challenging, a little bit of everything.

### Where do you spend most of your time on campus?

My office and Lab during typical working day. I also like to sit at libraries and PMU to meet some friends.

### If you have free time, how do you spend it?

Working on DIY project, going to a resale & vintage store, eating out with friends, and baking. I'm not an experienced baker but I love trying new recipes because I'm a big fan of The Great British Bake Off show, haha!

### Current mobile device/computer:

Iphone 6s; Macbook Air.

### What apps, software, or tools can't you live without?

Chrome or Safari for just about every type of browsing, Google apps, Tile app to locate my keys, scientific calculator, pen and notebook.

### What's your workspace setup like?

My office is located at 3rd floor with windows overlook the buildings at Agriculture Mall, especially during winter the view is beautiful. I am working with two monitors to help me multitask. There is always some snacks in my desk to recharge myself between works. I share the room with three other graduate students, which is fun because I have friends to talk to.

### I'd love to see \_\_\_\_\_ answer these same questions.

The judges from The Great British Bake Off, Muhammad Ali and if I could turn back the time It would be Rosalind Franklin.



### What everyday thing are you better at than everyone else?

Listening. I'm not sure that I'm better than everyone else, but my friends told me that I'm quite a good listener. In conversation, I'm more focused on listening.

### What are you currently reading, or what is the last thing you read (aside from academic reading)?

When Breath Becomes Air by Paul Kalanithi. The book is a memoir of Paul Kalanithi, a young neurosurgeon from Stanford who is diagnosed with terminal lung cancer.

### What's your sleep routine like?

I am an early riser naturally, even when I don't have enough sleep.

### How do you recharge physically and/or mentally?

Watching movies or shows on Netflix and eating out with friends and family. Food is magic!

### What's the best advice you've ever received?

Do good and good will come to you.

### What is (are) your career goal(s)?

My goal is to work as a R&D scientist in a biotechnology company or a faculty at my home country. I love working in the lab and collaborate with people from different backgrounds.

### Where to find you on Social Media?

FB: maya.ftry

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Educational Studies

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Chemical Engineering  
Civil Engineering  
Electrical and Computer Engineering  
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Engineering Management  
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Industrial Engineering  
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Materials Engineering  
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Technology  
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Earth, Atmospheric, and Planetary Sciences  
Mathematics  
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Basic Medical Sciences  
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Purdue is centrally located in West Lafayette, Indiana - approximately two hours south of Chicago, Illinois and one hour north of Indianapolis, IN.

Questions? Email [gradinfo@purdue.edu](mailto:gradinfo@purdue.edu)

