

# ZARIFAHANIS BT BAKAR

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## CAREER OBJECTIVE

Dedicated and motivated graduate equipped with experience in performing scientific research, producing scientific report, and working in teams. Possessing a passion in contributing my skills and experience to works as a hardworking employee in a professional organisation.

## EDUCATION

### ***Bachelor of Science with Honours Biotechnology*** **2013 - 2016**

- University of Nottingham Malaysia Campus
- Second Class Upper
- Results : 67%

### ***Foundation of Science*** **2012 – 2013**

- University of Nottingham Malaysia Campus
- Second Class Upper
- Results : 65%

### ***Sijil Pelajaran Malaysia*** **2010-2011**

- Mara Junior Science College KubangPasu
- Results : 4A+, 3A, 2A-, 1B+
- First Class Honours in overall academic achievement for 2010 and 2011.

### **3<sup>rd</sup> Year Final Year Project (Research)- Role of biocontrol agent, *Trichodermaasperellum* on the infection Of *GanodermaBoninense* LS. in young Oil palm *In Vitro*.**

- Analysing the effectiveness of fungus *T.asperellum* to reduce Basal Stem Root (BSR) infection on Oil Palm cause by fungus *G. boninense* at physical and molecular level by performing experiments such as Polymerase Chain Reaction (PCR), Quantitative PCR (qPCR), DNA sequencing and Microscopic analysis.

## WORKING EXPERIENCE

### **School of Bioscience, University of Nottingham Malaysia Campus.**

**[8 June 2015 – 28 August 2015]**

Summer Internship Programme 2015 with UNMC

Working professionally as Research assistant with project entitle “Molecular Interaction of *GanodermaBoninense*Pathogenesis In Oil Palm” . Learned advance research skill include

1. Conducting enzyme assay experiments
2. Performing Polymerase Chain Reaction (PCR) and Quantitative PCR (qPCR)
3. Sub-culture and maintaining *Ganoderma* and *Trichoderma* fungus culture
4. Performing Gel electrophoresis and DNA recovery for sequencing
5. Performing DNA , RNA extraction and cDNA synthesis

## CURRICULUM

Clubs	Year	Achievements
Bioscience Students in Nottingham	2012-2016	Developing team work and presentation skill by participate in organising Bioscience Awareness Weeks.
Community Service	September 2015	Planning and conducting mural painting at S.J.K.T LadangSemenyih
Volunteering	2012-2016	<ul style="list-style-type: none"><li>• Feed the Homeless with NGO</li><li>• Nottingham Charity Cycling 2014</li><li>• Organising Earth hour event with Nottingham Nature Club</li></ul>
Seminar	June 2014	Esco Safety Awareness on Laminar Flow, Biological Safety Cabinet &Fume Hood Technology
Class Representative	2010-2011	Appointed as class representative for two years
Kadet Polis Wanita	2008-2011	First Place in PertandinganKawad Kaki peringkat Daerah Baling for 2008 and 2009

## SKILLS

### Personal skills

- Competent, multi-task and result oriented
- Effective management, highly organized and efficient
- Ability to work independently or as part of a team
- Use clear, concise communication skills in conjunction with organizational skills to perform daily duties.

### Computer skills

- Microsoft Words, Excell, Powerpoints .
- Statistic Software such as SPSS and Genstat and Graphpad

### Language

	Written	Spoken
Bahasa Malaysia	5/5	5/5
English	3/5	3/5

## REFERENCES:

### Ms Christina VimalaSupramaniam

Assistant Professor  
School of Bioscience  
University of Nottingham Malaysia Campus  
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### Dr Winnie Yap

Lecturer and Module Convenor  
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