

Vol.1. No.1 (2008)

Buletin

Persatuan Alumni Kimia

Pusat Pengajian Sains Kimia

Bulletin of Chemistry Alumni Association

School of Chemical Sciences



From Chief Editor



Firstly, I would like to take this opportunity to congratulate all the fresh graduates who will receive their first degrees in the forthcoming USM Convocation which will be held over 14-17 August 2008. I am sure all of us from the Chemistry Alumni Association will be glad and proud of them. For me this signifies an achievement of another milestone of which they have set since they step onto the academic ladder. They have started from the primary and even the kindergarten to secondary (including pre-university level) and now they have completed the degree study. It is undeniable fact that there are many other challenges ahead of them after this phase but I believe they can handle well and know how to find the resources to unravel the problems. There are many people including our Chemistry Alumni members as well as non-Chemistry Alumni members who are around all the time and who can teach them, challenge them and encourage them. Actually, the fresh graduates are now in the stage when they should expand their circle of associates in order to take them to reach their full potential.

Secondly, I am grateful to our school as well as our alma mater to constantly give full support to run the activities merely for the sake of strengthening the bonds either among our members or between our students and members. The website of our association can be accessed via our school homepage as

<http://www.usm.my/chem/alumni.htm>

Through this webpage, we can manage to establish several effective linkages with other association and to update the information in relation to our members' directory and activities. Comments from our members are always welcome so that we can continue to serve as one of the efficient channels to disseminate the news concerning our association in particular and school in general.

Last but not least, I would like to thank all the EXCO members in 2008 for their assistances, thoughts and times to ensure all the projects can be carried out within our capacity. As we understand that the present office bearers, like those in the past, are serving our association on voluntarily basis.

**CONGRATULATIONS to All Graduates (New Members) in 2008
&
THANK YOU to All EXCO Members 2008!!**

Prof Yeap Guan Yeow



Message from Dean, School of Chemical Sciences

CONGRATULATIONS to All who have successfully completed their studies at the School of Chemical Sciences (SCS), USM. Hence you are now officially an Alumnus of USM and USM is your alma mater. You are now on your way for new adventures in another phase of your life and certainly whatever that was taught (at SCS, USM) may not be sufficient. Hence, without a doubt you will learn and experience new things and we wish you well and success.

During your years at USM, you have made new friends, encountered numerous situations (be it social and academic) and overcome much obstacle, these have somewhat prepared you for the 'working-world'. Acquaintances and friends forged at USM forms a new network of contacts for you, be it your seniors/juniors as well as your course-mates, you will soon find them most useful. I urge you to make full advantage of all these web-of-contact to enhance your career and self development, this where the Chemistry Alumni Association at SCS can play its role.

Note that, the Chemistry Alumni Association will only succeed with your cooperation, and it is our collective responsibility to ensure its success. The School of Chemical Sciences and USM will always be proud of our alumni and whenever we can assist do let us know, I am very certain that there will occasion where we may need each other in the future. Hence, do keep in touch through our website and send us a note just to let us know how you are doing.

Lastly, I wish ALL of you great success and Godspeed.

Prof Wan Ahmad Kamil Mahmood

Bulletin
Chemistry Alumni Association
School of Chemical Sciences

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LIST OF EXCO MEMBERS for 2008

Chairman	: Prof. Yeap Guan Yeow
Vice Chairman	: Dr. Teoh Geik Ling
Secretary	: Dr. Hasnah Osman
Ass. Secretary	: Ms. Norul Ashikin Ramli
Treasurer	: Mr. Sam Leong
Ass. Treasurer	: Mr. Teh Chia Boon
Committee members	: Mr. Hng Tiang Chuan Ms. Tan Wei Leng Ms. Rosniza Hamzah Ms. Lee Hooi Ling Ms. Kalaivani Kandasamy
Auditors	: Prof. Boey Peng Lim Mr. Manoharan Veeran

Editorial Board

Editorial Board

Chief Editor

Prof Yeap Guan Yeow

Editors

Dr. Hasnah Osman
Mr .Teh Chia Boon
Ms. Kalaivani Kandasamy
Ms. Rosnizah Zakaria
Ms. Tan Wei Leng

Advisors

Prof Wan Ahmad Kamil Mahmood
Dr Afidah Abdul Rahim
Prof Bahrudin Saad

Sub-Committees

In order to facilitate and monitor the projects proposed for the year 2008, several sub-committees have been set up. Each sub-committee is led by a facilitator. For this year, the sub-committees and the respective leaders are as follows:

Buletin Persatuan Alumni Kimia/Bulletin of Chemistry Alumni Association

- ◆ Prof Yeap Guan Yeow

Seminar

- ◆ Dr Teoh Gaik Ling

Lawatan/Visit

- ◆ Mr Sam Leong Kit Nang
- ◆ Prof. Boey Peng Lim

Media Massa & Teknologi Maklumat/Mass Media & Information Technology

- ◆ Mr Hng Tiang Chuan

Jamuan Makan/Foods

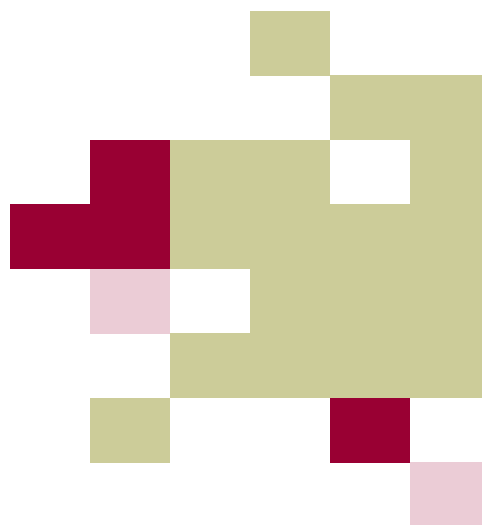
- ◆ Ms. Nadiah Zakaria

Publisiti/Publicity

- ◆ Ms Lee Hooi Ling

Sukan & Kebajikan/Sports & Charity

- ◆ Mr Teh Chia Boon



Activities

Malam Penghargaan Kimia 2008 (Chemistry Appreciation Night 2008)

An annual dinner 'Malam Penghargaan Kimia 2008' or the Chemistry Appreciation Night 2008 jointly organized by Persatuan Sains Kimia and Persatuan Alumni Kimia with a theme "Fusion Glamour" has been held at

Hotel Cititel Penang on 23 February



Gesture of Love & Support for Alma Mater

Our Chemistry Alumni Association has continued to give support for the Recipients of The Dean List in 2008. In this year the supports have been received from our alumnus and associate members from various sectors and companies as follows:

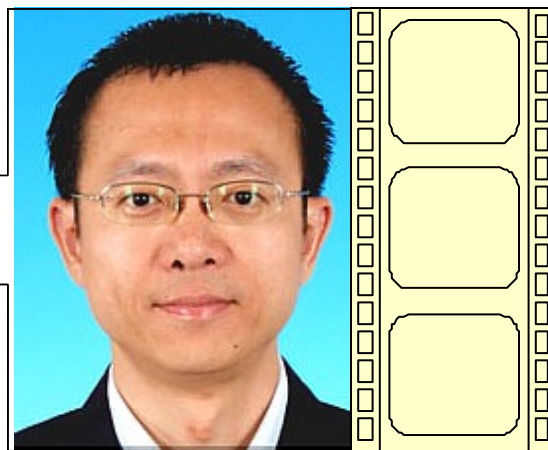
- Mr Khoo Teng Aun from the Bruker(M) Sdn Bhd, Selangor
- Mr Teh Wah Thye from the Save Consult Engineering, Penang
- Mr Sam Leong from the Main Stream Consultancy Sdn Bhd, Penang
- Dr Teh Guat Li and Dr Teoh Geik Ling from the Texchem Polymers, Penang
- Mr Hithaya Jeevan from Jabatan Kimia Malaysia, Selangor
- Mr Phuah Keng Huat from Jabatan Kastam & Eksais Diraja, Penang
- Mr Foong Poh Cheng from Research Instruments Sdn Bhd
- Mr Heng Kai Chuan from the Novozymes(M) Sdn Bhd

Total collection : RM2,200

Seminar by Chemistry Alumnus

*A*n Alumni Talk has been held in conjunction with the final year students' seminar on 28 & 29 April 2008. Our alumnus cum the EXCO member Sam Leong has enlightened our students with the subject related to financial planning for chemists. His talk entitled '*Becoming a Millionaire-A Reality or Myth?*' has received over-whelming responses from the students and also staff.

E-mail address:
samleong257@gmail.com



Sam Leong
BSc(Hons) , 1994

Recreation/Sports

Several activities to foster the relationship among our alumnus and the on-going students have been lined up for this year.

1. Badminton: Healthy Chemistry Alumni 2008
Date : 26 April 2008
Venue : USM Sport Complex
Time : 2.00-5.00 pm
2. Bowling: Striking Chemistry Alumni 2008
Date : 06 September 2008
Venue : Bukit Jambul complex
Time : 2.00-5.00 pm
3. Hiking Penang Hill
Date : 22 November 2008
Venue : Penang Hill
Time : 7.30-10.00 am

Fund-raising



- 1) One of the fund-raising projects has been succeeded through the cooperation between our alumnus and students during the International Conference for Young Chemists '08 which was held in USM on 18-20 June 2008.



2. T-Shirt
'Persatuan Alumni Kimia'
on sale.
Please contact us if you wish to make the order.

Updates from Alumnus



Cosmetic Chemist

Cosmetic Production Manager

Norul Ashikin Ramli

Cleansing foam, hair shampoo, moisturizer, lipstick, mascara, eye shadow, facial scrub, toothpaste and perfume! Have you ever heard these products?

There are parts of cosmetic products that we used everyday. Cosmetic products are coming out all the time with different names and brands. Some of it used for care like soap or shampoo, some for creating a "look" like make-up set and some may be use for a little bit of pampering such as lotion and conditioner.

So, what is cosmetic? Where do cosmetics come from? Why cosmetic products look in different types and packaging likes cream, liquid, foam or lotion? Who create this?

The definition of cosmetic is any substances or preparation intended to be placed in contact with various external parts of human body (epidermis, hair, nails, lips and external genital organ) or with teeth and mucous membrane of the oral cavity, with view exclusively or mainly to cleaning, perfuming, changing their appearance and/or correcting body odor and/or protecting them or keeping them in good conditions.

The answers of the above questions come from cosmetic chemist. Cosmetic chemists are the responsible person beside of famous cosmetic brands today. Cosmetic chemist

works in creating and developing product whether for a new products or modified in market products. Cosmetic chemist must be a creative person because cosmetic products always change time by time. Cosmetic chemist always spend most of the time in the lab, create something new, do testing and working up with miracle formulas.

The other work for cosmetic chemist is to think about the product's safety, useful and effectiveness. She must study to find the best raw materials and the best packaging to use for best products. Usually cosmetic chemist works in team to get the idea from the people who want their cosmetics. Cosmetics chemist also must know their customers to sell their products are. It's used for women, men, teen or baby? What are their demanded? Nowadays, cosmetic products demanded are very wide and that are challenging for cosmetic chemist.

Usually cosmetic chemist combines her idea with marketing persons. Marketing person works in customer environment and they know what are customers needed. Sometimes customers make comparison with the other products.

Cosmetic products actually can be categorized in 5 elements :-

1. Skincare products such as moisturizer, cleanser, mask, toner and facial scrub
2. Bodycare products such as body lotion, shower foam and talcum
3. Haircare products such as shampoo, conditioner, hair dye and hair styling
4. Perfume and fragrances such as deodorant, eu de toilettries, spray and cologne
Decorative colour cosmetic or make set such as lipstick, lip balm, mascara, eye shadow and foundation

Experience and Education

Cosmetic chemist must have degree in basic chemistry or microbiology, product development and specialty like aroma and flavor chemistry. Nowadays it also have certificate for a short course programs in cosmetic science by certain local university that take 1 to 2 weeks to complete.

Cosmetic chemist also can work in one of several areas: -

Research – seeking to understand the properties, behaviors and reactions of skin, hair, teeth and nails and working to produce new ingredients for cosmetic products.

Product development – working with research scientists to develop new cosmetic products. There are several important factors in developing a new products. They must do what is intended, meet legal requirements and be safe, pleasant and attractive to use.

Process development- translating a small scale process that has been developed in the laboratories into a full-scale manufacturing process.

Packaging development- developing packaging for cosmetic products that is attractive, safe and capable of dispensing a product efficiently and in the correct amount.

Quality control and assurance – testing raw materials and manufactured products for consistency of quality.

Product evaluation – testing products under development to produce evidence for the claims that are made for the product.

Safety testing – testing cosmetic products to make sure that they are safe before they are sold. Testing usually takes the form of a toxicological risk assessment and can include testing on cell or tissue culture on human volunteers or by computer modeling.

Microbiology – making sure that during the product development stage, products are not too susceptible to contaminate. Their works also involves testing raw materials and finished products during the production process.

Regulatory affairs – ensuring that products complies with all the legal requirements for countries where it is to be supplied.



- Chemistry Alumni Directory -

August 2008

<http://www.usm.my/chem/alumni.htm>

We will be glad if you can constantly keep in touch with us. Let us know about your new recent undertaking, achievements, latest corresponding address, contact, e-mail and etc. You may send the information using the following format to alumni_ppskimia_usm@yahoo.com or by normal post to our school.

My particulars	
Name:	
Degree:	Bachelor Degree (Hons) majoring in Chemistry Industrial Chemistry (Applied Chemistry) Analytical Chemistry (Applied Chemistry) Masters Degree by Research Mixed-mode Doctor of Philosophy
Year of graduation:	2006 2005 2004 2003 2002 Others, please specify _____
Address for correspondence:	
E-mail address:	
Tel. number:	
H/p number:	
Fax number:	
My professional particulars	
Company / Institution:	
Position held:	
Company address:	
E-mail address:	
Tel. number:	
Fax number:	

LINK TO PORTAL OF ALUMNI USM

<http://www.usm.my/v3/alumni.asp>