SPMS
SCIENTIFICALLY PROVEN
NANYANG TECHNOLOGICAL UNIVERSITY
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Vision

Our vision and our tasks are to build a renowned school with strong faculty, innovative curricula, promising students, strong links with industry and supportive alumni.

Mission

Our mission is twofold:

1. In teaching, to impart the habit and mode of thinking in science and mathematics using the most effective pedagogical methods;
2. In research, to contribute to the scholarship of discovery, integration, application and teaching.
MESSAGES
My heartiest congratulations to the SPMS graduating class of 2014!
This is a moment to celebrate the perseverance, courage, ambition, and intelligence that got you here. I am proud of the accomplishments of all of you. But I think you will agree with me that the greatest lesson of all during your university life at NTU is the learning of yourself - your strengths, your weaknesses, your dreams, your fears, your relationships, your independence. You will benefit from remembering this lesson.

Finally, I want to thank you for choosing SPMS. With that choice, you have also transformed us into something better.
I wish you all the best in your endeavours, and good luck.

Chee Yeow Meng, Chair of SPMS

Congratulations, Class of 2014!
I hope your undergraduate years in CBC were a well-spent and meaningful period of your life and I’m sure you will leave CBC with many fond memories of your time in the lecture rooms and research laboratories.

Graduation is one of the major milestones in your life and the best is yet to be!
Please feel free to visit NTU campus anytime and see us occasionally!!

Chiba Shunsuke, HoD for CBC

Dear Class of 2014,
Congratulations on your graduation! You have accomplished an important achievement.

I wish you a successful career ahead and hope that the learning experience that you have gained from SPMS will be helpful in your life.

Please keep in touch. You are always welcomed back.

Phan Anh Tuan, HoD for PAP

Dear Graduates,
Congratulations on your graduation! Congratulations on your academic achievement!

The twenty-first century has brought great opportunities for the mathematical sciences. Many areas of science, engineering, medicine, business, national defense and social sciences rely on ideas, techniques and skills from the mathematical sciences, such as modeling and analyzing complex systems, computer simulations and analysis of massive amounts of data etc. They are also playing a more and more important role in our daily life, from Internet search, online banking, computer animation, weather forecasting, medical imaging to optimization in business and military, stock control, and analyses of financial risks. I hope your training in Mathematical Sciences or Mathematics & Economics has equipped you with a range of skills and led you to a wide range of careers. I’m confident that you will make great success with all these opportunities.

I thank your parents, friends, faculty and staff who have helped you to make this achievement! I believe that this four-year journey at NTU is a unique and important experience in your life, and that you would be proud of becoming an NTU/SPMS/MAS alumnii! At the end I must say that all the faculty and staff at MAS wish you well in your future careers and hope you always draw from the experiences you learnt while you were studying at NTU.

Wang Huaxiong, HoD for MAS
MESSAGE FROM THE FACULTY

School ends and now life begins! Hope that your stay here has prepared you sufficiently for the rest of your life.

Best wishes
Leong Weng Kee

It’s been a great pleasure and joy being your teacher and teaching you all, seeing you develop over the past years. “There are no greater lessons than the ones taught by your students”, and I have the same feeling. Thank you all for your patience and cooperation. I will really miss seeing your friendly faces but I have plenty of joyful memories of our time together. Finally, I’d like to wish each and every one of you a bright future ahead and never give up your fighting spirit!

Yu Ting

MESSAGE FROM THE STUDENT LEADER

Dear Graduating Class of 2014!
Congratulations on completing your undergraduate studies! I hope that this is just the beginning of many new titles you will acquire throughout your life.

Thank you for having contributed and shaped the culture of SPMS through your participations, commitments and dedications in the many projects under the SPMS Club. I sincerely hope that the learning experience gained, memories formed and the friendships forged would last you a lifetime.

“The greatest oak was once a little nut that held its ground.” Do remember that as you embark on the next part of your life journey, that this is just the beginning of greater things to happen in the future, as long as you persevere and continuously keep that dream close to your heart.

All the best in your future endeavours! I hope to see many successful SPMS Alumni in the future!

Yours sincerely,
Catharina Clarissa Sentosa
President | 9th Management Committee
School of Physical and Mathematical Sciences Club
Nanyang Technological University

Greetings to the graduating class of 2014.

After several years of hard work in the pursuit of PhD, you have successfully gotten the most valuable degree in your life. During this long and winding road, SPMS witnessed every drop of your sweat and also your joy of every big success. At the same time, I appreciate all the contributions and creative achievements you have made in SPMS.

Before you open the new chapter in life, please ask yourself one Socratic question: where is my dream? I hope that you would keep to your original direction on your future journey and reach your desired end.

At last, let me share with you the well-known saying from Henry David Thoreau, “I wanted to live deep, and suck out all the marrow of life.”

Congratulations and good luck!

Tian Ye
President
5th Management Committee
School of Physical and Mathematical Sciences Graduate Club
Nanyang Technological University
LIFE IN SPMS
UNDERGRADUATE LIFE
UNDERGRADUATE LIFE
UNDERGRADUATE LIFE
UNDERGRADUATE LIFE
UNDERGRADUATE LIFE

[Images of students in various activities and settings, including cheerleading, group photos, and lab experiments.]
UNDERGRADUATE LIFE
UNDERGRADUATE LIFE
STUDENTS’ TESTIMONIALS
STUDENTS’ TESTIMONIALS

Prof. Phan is one of the friendliest academic staff I have ever met in SPMS. He gave me a wonderful opportunity to do my summer research and URECA in his lab, which was a great first-time research experience for me. During my time there, I received valuable guidance from him and Kah Wai (his PhD student). I have moved on to another research lab since then, however, his words will always be a source of inspiration to me. All the best to you, Prof Phan!

- Low Zhenjie

To Professor Xiong Qihua
I would like to say a BIG THANK YOU to you for committing your time to answer my doubts, even after office hours. You had been a very devoted and patient professor, even when I asked the most basic question! Thank you so much! Even as I leave PAP, I inspired to carry on this gift of devotion that you have shown to me to my future students.

- Xie Yifen

Well, it’s hard to choose someone specific because so many professors were amazing in our MAS division. However, of course I would like to mention my supervisor Prof. Gopal Pandurangan who has left great impact on my life. Apart from his excellent teaching and amazing way of explanation during our meeting, he provided me unflinching encouragement and support in various ways. My heartfelt thanks to all the faculties in MAS.

It was a great and fantastic time at SPMS with lots of memorable moments. I was in high excitement (and nervous too) when I came to NTU, abroad for the first time. The convenient environment and easy-going people helped me settled down quickly in SPMS. I started to love the place soon. I enjoyed lots of moments with nice friends, lab mates, seniors (mostly postdocs) during my time in SPMS. Definitely, I am going to miss them!

- Anisur Rahaman Molla

I am forever indebted to my NTU Supervisor - Professor Sun Handong who provide me the opportunity of continue studies in my Ph.D program. His in-depth knowledge in Laser Spectroscopy and patience guided me through the research work in Ultra-Low K Materials Reliability.

Thousands thanks to Professor Sun who helped and guided me to achieve a major milestone in my life.

- Jeffrey Lam

Instead of expressing the appreciation to a professor, I wish to take this opportunity to thank SPMS Club supervisor Mika, for her consistent support to SPMS Club and students during our 4-year journey with SPMS.

SPMS is a warm family where talents from various backgrounds are gathered. I feel much grateful to be selected to join this unique school and have unique experience in the past 4 years.

- Yao Tianshu
STUDENTS’ TESTIMONIALS

To my beloved Dr Tan GC, you are more than just an academic mentor. In fact, you rock like a mum!

- Yeo Mei Xi

I would really like to thank two professors, Prof Nicolas Privault and Ian Flint. My friend and I took a really tough module (graduate course) and didn’t understand anything about it. It was really the most difficult module we have ever done. haha. However, we got a lot, and I mean ALOT of help from the two tutors. They were extremely helpful and patient with all the consultations. Without their guidance, we would never been able to grasp the concepts at all, and also, to be able to GRADUATE! haha. I sincerely appreciate their help and am glad that I did in fact did the module. Thanks Prof Nic and Ian! :D

- Yeo Shu Han

During my stay at SPMS, I learnt a lot through blood and tears, I think.

Special thanks to Prof Cheong for letting me learn under your supervision despite my weakness and Prof Huan for invaluable advice during my freshmen time.

- Muhammad Al Atiqi

I appreciate the efforts SPMS have made in establishing an ecosystem where students can learn and explore the world around them, be it summer research programs, international student exchange programs and organizing student-led events such as Freshmen orientation camps. I would like to take this opportunity to thank my FYP supervisor Prof Phan Anh Tuan for his mentorship. Looking forward, I’m sure my chemistry education would be useful to me as not just a technical subject, but as a way of thinking to simplify complicated systems into simple process flow models.

- Ang Ding Jie

The four years in SPMS were of great importance to me. Studying abroad was something totally new to me. The important thing is not only the knowledge we learnt at college, but also the right attitudes towards life and study. I had a great time here. Graduation does not signify the end of study, but a starting point of a new stage of life. I will cherish my life in campus all my lifetime!

- Cao Wangli

Great friendships don’t happen overnight. My varsity life wouldn’t have been as delightful without the lovely people I met here in SPMS; long lectures became more bearable, tension-mounting lab sessions became more exciting and I always have the best company for lunch every single day. Besides all the friendships I have forged and strengthened, I am immensely grateful for the privileged education. During my 4 years in SPMS, I am deeply encouraged by the opportunity to strive and achieve as a Chemistry major, thanks to the hands-on laboratory training and research programmes available, and this has reaffirmed my passion for Chemistry.

- Chia Xinyi
I had a memorable 4 years in SPMS/NTU with great friends and lecturers. They have always been there for me through my happy and tough times. Now that I am working, I really cherished my moments and I wish them all the best in their future.

I would like to thank Dr Bates and Dr Liu from CBC430, Dr So Cheuk Wai from CBC427 and Dr Bonanni from CBC 432. Their lectures were interactive and it was an honour to have learnt from them.

- Salman Bin Ali

I am glad I was able to choose MAEC as my major and I met many best friends here. The most unforgettable moment would be my exchange life in Denmark, where I travelled to over 15 countries and I will never forget the beautiful sceneries and nice people around.

- Du Yujia
“Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to love what you do. If you haven’t found it yet, keep looking. Don’t settle. As with all matters of the heart, you’ll know when you find it. And, like any great relationship, it just gets better and better as the years roll on. So keep looking until you find it. Don’t settle.”

- Steve Jobs
SPMS Club 9th Publications Committee
& SPMS Graduate Club