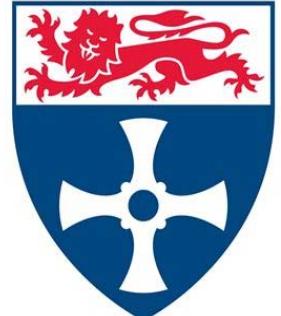


# Professional Development for Chemistry Majors @ Newcastle University (UK)

[HTTPS://WWW.NCL.AC.UK/WHO-WE-ARE/](https://www.ncl.ac.uk/who-we-are/)



**Newcastle  
University**

## Aims

- ▶ Observe and explore the chemistry studies and chemistry-related careers through the workshops and industry visits organized by the Newcastle University
- ▶ Language immersion
- ▶ The programme is composed of:
  - ▶ Workshops related to chemistry careers;
  - ▶ Teaching and Learning in Newcastle University;
  - ▶ Industry Visits

## Industry Visits



- A spin-off company from Newcastle University  
Specialized in diagnostics medical devices



# AkzoNobel

- Paint and performance coating
- anti-fouling & reduced flow resistance
- → fuel saving → reduced CO<sub>2</sub> emission



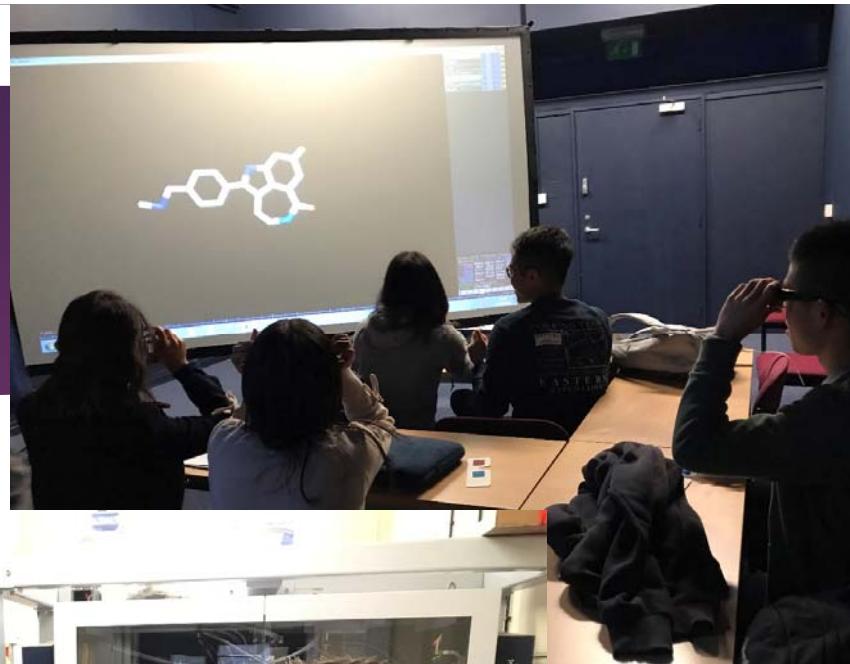
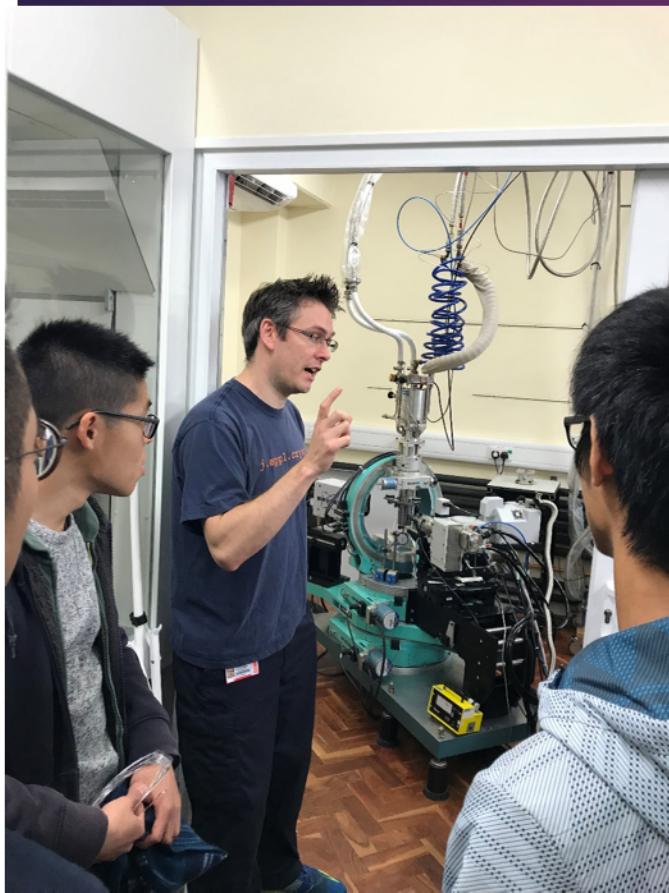
# Palintest Water Analysis Technologies

Equipment for water quality monitoring and disinfection control

Used in 2012 London Olympiad for testing the water quality in aquatic centers



# Visiting Research Facilities



# Making friends with local students



## Comments by participants

► “The choices of occupations in UK are much more diversified than I thought. There are choices that are not commonly seen in HK. I should look to the whole world and seek for the occupation I am most interested in.”

Raina

## Comments by participants

► “This tour has offered me a lot of information on chemistry-related occupations. After the two industry visits, I realized that we could take up a variety of positions in chemical companies. I have learnt about a lot of alternative career choices and broadened my horizons.”

Adrian

# #Newcastle2020

- ▶ Date: MARCH 8-21, 2020 (Reading week + following week)
- ▶ Students will need to make their own arrangements for the week of missed classes
- ▶ **Quota:** maximum of 12 students who have already declared Chemistry as a major
- ▶ Selections will be based on applicants' experience and motivations; an interview may be required
- ▶ **GPA:** No minimum requirement
- ▶ **Application deadline:** January 21, 2020, 5:00 pm to [tangwing@hku.hk](mailto:tangwing@hku.hk) with Subject line: #Newcastle2020

# #Newcastle2020: Requirements

- ▶ Chemistry major students selected for this program are eligible for Faculty of Science Experiential Learning Fund\*\* subsidy of up to \$10,000 on a reimbursement basis.
- ▶ To be eligible for this program and its subsidy, participating students must have a valid **visa**/entry requirements to the UK, and:
  - ▶ Be on their first Faculty experiential learning funded activity in Area 2;\*\*
  - ▶ Attend a pre-trip briefing session (~2 weeks before Reading week);
  - ▶ Commit to participate fully in all scheduled activities punctually;
  - ▶ Communicate with all members only in English while on this trip;
  - ▶ Engage fully with local program organizers, student ambassadors, speakers;
  - ▶ Write daily reflections and a final essay.
  - ▶ The unscheduled time is **free** time

<https://www.youtube.com/watch?v=-kHeaFchif8>

# #Newcastle2020: Requirements

- ▶ **Costs:**
- ▶ Shared accommodations (check in March 8, check out March 21) at about £300 for 2 weeks
- ▶ Round trip flight to Newcastle
- ▶ Living expenses (food, meals, etc)
- ▶ Insurance?
  
- ▶ Disclaimer: "I fully understand that I am partaking this trip on my own intention and will not hold the University of Hong Kong liable for any personal loss or damages. While the Program leader will be facilitating the program, I understand that I am ultimately responsible for my own safety and that of my possessions. "