

## DEGREES AND PROFESSIONAL QUALIFICATIONS

|      |  |
|------|--|
| 2011 | Ph.D (Chem Eng), University of Queensland, Australia. Thesis: Aerobic Sludge Granules: Macromolecular Associations in Extracellular Polymeric Substances |
| 2000 | B Eng (Chem) (1st class Hons), University of Melbourne, Australia  |
| 2000 | B. Sc (Chem/Microbiol), University of Melbourne, Australia.  |

## APPOINTMENTS

|                |   |
|----------------|---|
| Sep 2020 – now | Assoc Professor, Centre for Water Technology (WATEC), BCE, Aarhus University, Denmark.  |
| 2014 – 20      | Senior Research Fellow, Singapore Centre for Environmental Life Sciences Engineering (SCELSE), Nanyang Technological University (NTU), Singapore. |
| 2011 – 14      | Research Fellow, SCELSE, NTU, Singapore.  |
| 2006 - 07      | Consultant Engineer, CH2M Hill, Australia.  |
| 2004 - 06      | Process Engineer, Wessex Water, UK  |
| 2002 - 03      | Process Engineer, Environmental Solutions International, Australia  |
| 2001 - 02      | Process Engineer, Hunter Water Australia, Australia.  |

## CURRENT AND RECENT GROUP MEMBERS (NTU)

|             |  |
|-------------|--|
| 2015 – now  | Ms Wong Lan Li (Research Assistant)                            |
| 2019 – now  | Ms Hana Binte Abdul Wahab Marican (Research Assistant)         |
| 2018 – now  | Mr Sudarsan Mugunthan (Research Associate)                     |
| 2017 – 2019 | Dr Guo Jingjing (Research Fellow)                              |
| 2016 – 2018 | Dr Ding Zhiji Research Fellow                                  |
| 2018 - now  | Ms Oishi Sen (Ph.D Candidate)                                  |
| 2017 – now  | Dr Nikolay Bererzhnoy (Research Fellow)                        |
| 2018 – now  | Ms Geraldine Chia (Ph.D Candidate)                             |
| 2019 – now  | Mr Deenadayalan K G (Intern, Kumaraguru College of Technology) |
| 2020 – now  | Mr Wesley Yong (Intern, University of Bath)                    |

## TEACHING EXPERIENCE (UNDERGRADUATE AND [POST] GRADUATE)

|             |   |
|-------------|---|
| 2012-2017   | Nanyang Technological University School of Biological Sciences Microbiology (2nd year): Prokaryotes, Microbial Metabolism                               |
| 2014-2017   | Nanyang Technological University School of Biological Sciences Environmental Biology and Microbiology (2nd year): Biotransformations and biodegradation |
| 2011 - 2020 | Singapore Centre for Environmental Life Sciences Engineering Annual Summer School   |
| 2008 - 2010 | The University of Queensland Heat and Mass Transfer, and Process Modelling and Dynamics (Tutor)   |

## RESEARCH TRAINING AND SUPERVISION

|           |   |
|-----------|---|
| 2019 -    | Ms Wong Lan Li (Co-supervision) Ph.D candidate, School of Biological Sciences, NTU                    |
| 2018 -    | Ms Oishi Sen (Principal) Ph.D candidate, School of Biological Sciences, NTU                           |
| 2018 –    | Ms Geraldine Chia (Co-supervision) Ph.D candidate, Interdisciplinary Graduate School, NTU             |
| 2013-2016 | Dr Su Chuen Chew (Co-supervision) Completed Ph.D (2016) Currently Research Fellow at SMART, Singapore |

## SERVICES TO THE PROFESSION AND COMMUNITY

### Institutional

|             |  |
|-------------|--|
| 2019 – 2020 | Member, SCELSE Research Directorate (Education and Training) |
| 2015 – 2020 | Member, SCELSE Postgraduate Education Committee              |
| 2015 – 2020 | Member, SCELSE Research Committee                            |
| 2016 – 2020 | Member, SCELSE summer course organising committee            |