**Name:** Chew, Jia Wei

**Present Appointment:** Associate Professor

**Department:** School of Chemical and Biomedical Engineering (SCBE), Nanyang Technological University (NTU), Singapore

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**Academic Qualifications**

2007 - 2011 Ph.D. (Chemical Engineering) University of Colorado at Boulder

2000 - 2004 B.Eng. (Chemical Engineering) National University of Singapore

**Professional Experience**

08/2018-present Associate Professor, SCBE, NTU

11/2017-present Associate Chair (Students), SCBE, NTU

01/2015-present Cluster Leader, Singapore Membrane Technology Center (SMTC), NTU

07/2013-09/2018 Assistant Professor, SCBE, NTU

06/2011-07/2013 Research Scientist, SunEdison-MEMC Electronic Materials Inc., Pasadena, Texas, U.S.

01/2009-09/2009 Intern, Particulate Solid Research Inc., Chicago, Illinois, U.S.

01/2007-08/2007 Chemist, GlaxoSmithKline (GSK), Singapore

06/2004-12/2006 Research Officer, Institute of Chemical and Engineering Sciences, Singapore

06/2003-12/2003 Intern, ExxonMobil Chemical Operations, Singapore

**Awards and Recognition**

2017 AIChE (American Institute of Chemical Engineers) PTF (Particle Technology Forum) SABIC Young Professional Award

2015 Singapore Youth Award, National Youth Council

2015 40 Under 40, Prestige Magazine

1. AIChE PTF Best Ph.D. Award

**Professional Memberships:**

American Institute of Chemical Engineers (AIChE); Particle Technology Forum (PTF) of the AIChE; Membrane Society of Singapore (Memsis); European Membrane Society (EMS), North American Membrane Society (NAMS)

**Research Areas**

Membrane-based Separations; Particulate Flows

**Research Grants**

Total S$7.51 M: S$4.41 M as PI, S$3.10 M as Co-PI

**Publications**

8 Technical Disclosures/Patents

175 Peer-Reviewed Journal Papers

**Citations**

Web of Knowledge (1 Mar 2020): Total Citations: 2739; Hirsch Index: 28

Scopus (1 Mar 2020): Total Citations: 3139; Hirsch Index: 30

Google Scholar (1 Mar 2020): Total Citations: 3609; Hirsch Index: 32