



Karl Erik Birgersson

Dept of of Chemical &
Biomolecular Engineering
Faculty of Engineering

I have always had a way with explaining concepts since a young age. As a PhD student I first experienced formal teaching as a teaching assistant at the Royal Institute of Technology, Sweden, and have in my nine years at the National University of Singapore, continued to experiment and hone my pedagogical skills. At the core of my teaching philosophy is a willingness to experiment and push educational boundaries, with a focus on learning outcomes such as self-directed and lifelong learning, ability to communicate, creativity and ability to solve problems—all of which I seek to not only teach but also to measure. While I cannot yet claim the wisdom of half- a- century or more, the experience from a path far from straight and ordinary has equipped me with a range of examples and experiences that I employ when creating significant learning experiences for students. I am presently exploring and experimenting with the concept of “**learning the experience**” to augment the learning outcomes of my modules.

What Students Say...

“Inspired me to think more broadly and deeply about the things I engage in academically or otherwise. Emphasis on the thinking process and articulation of ideas more than acquiring mere knowledge. Resourceful and points students in the right direction whenever we have queries in ANY field, very approachable, but never spoon-feeds.”

“Quirky, witty, and interesting teaching style!”