

Leslie Chan

305 Memorial Drive
Cambridge, MA 02139

(847) 894-9139
lesliec@mit.edu

EDUCATION

Massachusetts Institute of Technology | 4.8/5.0 GPA

Candidate for BS in Chemical Engineering; Minor in Music

Honors: Burchard Scholar for Excellence in the Humanities, Arts, and Social Sciences; Emerson Scholar for Piano Study

Cambridge, MA
June 2013

EXPERIENCE

Amgen Scholars Program | *MIT Amgen Scholar, Program Associate*

Cambridge, MA (Jun. – Aug. 2012)

- Conducted and presented research on molecular diagnostics; participated in the Amgen National Research Symposium
- As the Program Associate, acted as a liaison between program staff and participants; planned social events and activities throughout the program; coordinated travel plans for participants

Massachusetts Institute of Technology, Sikes Lab | *Lab Researcher*

Cambridge, MA (Jan. 2011– Present)

- Primary objective: collaborate with other labs and Massachusetts General Hospital to develop a reliable and cost-effective way to quickly detect circulating tumor cells through polymerization-based amplification
- Independently designed and performed experiments to test for optimal polymerization conditions for eosin-mediated surface reactions, in 2D, spherical, and cellular contexts

Abmart Inc. | *International Marketing Intern, Website Rebuild Project Manager*

Shanghai, China (Jun. – Aug. 2011)

- Established strategic plans for setting up a Boston branch; consulted on logistics, overhead costs, litigation needs, marketing plans, employment details
- Managed and refurbished English website geared towards international markets, with collaboration with web designers, company IT department, and management; delegated tasks and communicated needs in Chinese and English

University of Bonn, Pharmaceutical Chemistry Institute | *Lab Researcher*

Bonn, Germany (Jun. – Aug. 2010)

- Synthesized novel anthraquinone derivatives using microwave-assisted copper(0)-catalyzed Ullmann coupling reactions

Union Biometrica | *Lab Research Assistant*

Holliston, MA (January 2010)

- Researched and established methods for using flow cytometry to facilitate encapsulation of *C. elegans* in alginate

United Nations Refugee Agency | *Tutor*

Hong Kong (Jun. – Aug. 2008)

- Tutored middle-aged refugees in English and basic programming/computer skills (HTML, Microsoft Office); developed bi-weekly lesson plans tailored to student achievement and improvement
- Created presentations for international conferences

Children's Memorial Hospital | *Lab Research Assistant*

Chicago, IL (Dec. '07 – Aug. 2008)

- Researched the implications of fibroblast growth factor 23 levels on kidney disease, with particular emphasis on juveniles

LEADERSHIP

Department of Chemical Engineering | *Associate Advisor*

Cambridge, MA (June 2012 – Present)

- Counsel underclassmen on course selection and scheduling; act as an extension to the ChemE Faculty Advising program

MIT Fall Career Fair | *Director of Publicity*

Cambridge, MA (May 2012 – Present)

- One of seven directors to coordinate the largest student-run career fair in the country, with over 370 companies and over 5,000 students in attendance

Society of Women Engineers | *Vice President of Campus Relations*

Cambridge, MA (September 2009 – Present)

- Lead four subcommittees to put on events that foster connections within the MIT community, while promoting diversity and leadership on campus

Society for Biological Engineering | *Director of Outreach*

Cambridge, MA (Sept. 2009 – Present)

- Collaborate with local biotechnology firms to bring events to students, including networking panels and facility tours

Chinese Students' Club | *Member Outreach Co-Chair*

Cambridge, MA (Feb. 2010 – Feb. 2011)

- Plan events for 150+ members; manage big/little program; reach out to alumni for networking event coordination

Traditional Medicine Society | *Finance Director, Event Planning Committee*

Cambridge, MA (Sept. 2009 – May 2010)

- Budget events to fulfill financial needs; plan events aimed at promoting mental and physical health awareness

MIT Symphony Orchestra | *Violinist*

Cambridge, MA (Sept. 2009 – May 2010)

SKILLS

Computer: Microsoft Word, Excel, and PowerPoint; MATLAB; Python; Adobe Photoshop; HTML

Language: Cantonese, Mandarin, German