G30 Alumni Profile

Sapna Sinha

Graduate of the Nagoya University G30 Chemistry Program (Department of Engineering)

Current Position:

Post-doctoral Fellow at the McGovern Institute for Brain Research — 2024-present
Massachusetts Institute of Technology (MIT)

Education:

St. Michael's High School — 2009-2012
Patna, India

Bachelor of Engineering — 2012-2016
G30 Chemistry Program, Nagoya University

Doctor of Philosophy in Material Science — 2016-2020
University of Oxford, United Kingdom

Striking outcomes while at Nagoya University:

Scholarships and Awards:

Global 30 Undergraduate Studentship — 2012-2016

JASSO Scholarship, Ministry of Education, Japan — 2012-2013

Outstanding presenter at "Global 30 Wrap up Symposium" Japan Society for the Promotion of Science (JSPS) — 2014

Internships:

Research Intern, Cellisis/Nippon Menard Cosmetic Co.,Ltd., Nagoya, Japan — 2014-2015

Striking outcomes after Nagoya University:

Research and Faculty Positions:

Specially Appointed Assistant Professor — 2021-2022
Osaka University & Nat. Inst. of Adv. Industrial Sci. & Tech. (AIST)

Schmidt Science Fellow — 2022-2024
McGovern Institute for Brain Research at MIT

Honors and Awards (a total of 14, including):

Forbes 30 Under 30 Science List — 2024

Women in Science Fellowship, Linacre College, University of Oxford — 2017-2020

Publications / International Conferences:

21 peer-reviewed scientific publications since 2016 including a paper in Nature Communications

25 presentations or invited talks at international scientific conferences

A Message of Encouragement for Future G30 Students:

Nagoya University stands out for its unique G30 program, which has a remarkably low student-to-faculty ratio. In my major and core courses, our classes often consisted of just 4-6 students, allowing for extensive one-on-one interaction with the instructors. This not only enabled highly personalized teaching tailored to each student's needs but also gave us an opportunity to build a personal relationship with the professors. I would encourage you to use this opportunity to dive into not just what gets you excited but also to figure out how you learn best and what really works for you.

Published in November 2024