

[Life and Research at the University of California Berkeley USA]

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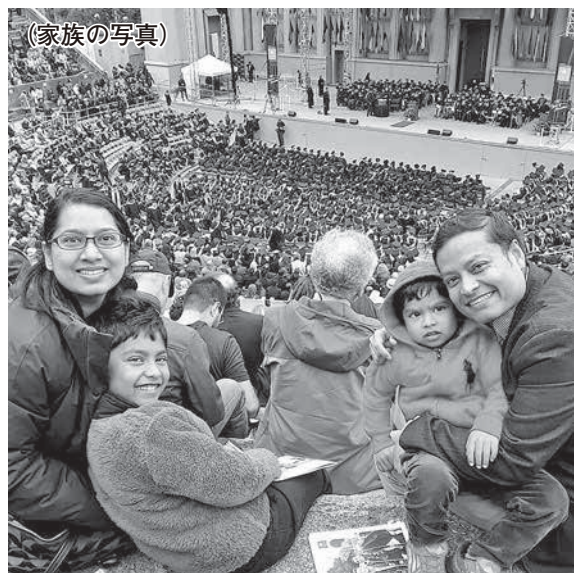
Between April 2018 and March 2019, I worked in the Geosystem engineering group of the Department of Civil and Environmental Engineering at the University of California Berkeley, where I started my research as a Visiting Scholar/Professor. UC Berkeley, which is one of the best universities in the world, is located near the San Francisco Bay Area. The bay provides very charming weather in Berkeley all year round. I joined in the Geosystem group with Professor Kenichi Soga, where my typical day at the university was between 8:30 am and 5:00 pm. My research focused on using Microbial Fuel Cells to generate bioelectricity, which can in turn be used to power sensors for environmental and infrastructure monitoring. I used different living plants to generate the bioelectricity. The research results were very interesting, and we can use them in the future to power sensors for environmental monitoring. I was also able to publish some papers on the research. Every week, I joined the weekly seminar of the Geosystem group and the Environmental engineering group. Besides that, I also joined a weekly meeting with Professor Soga to discuss the progress of the research. I also gave lectures to the students of the University of California Berkeley, University of California Davis and California Polytechnique State University San Luis Obispo, USA. I presented my research paper in B2G International conference



International conference in San Francisco, February 2019

in Atlanta 2018 and GOPE 2019 in San Francisco. I also visited some industries to deliver my presentation there and was able to discuss future collaboration. My research has been selected as one of the most attractive research proposals and was displayed at the prestigious Lawrence Hall of Science, Berkeley in August 2018. I also displayed my poster and research model to the people of the geotechnical engineering field at the “Geosystem Day” in the University of California Berkeley. I have been selected as a co-chair of PTOF group of UC Berkeley and delivered some lectures to the postdoc and visiting scholars in the UC Berkeley campus. UC Berkeley is ranked as the number 1 university in world rankings for Civil and Environmental Engineering. The professors and students are all very smart and energetic. I studied many books during my undergraduate and graduate level whose

authors are from UC Berkeley, and have attended many lectures given by them. The campus of UC Berkeley is very near to downtown Berkeley and it is within 20 minutes drive to downtown San Francisco.



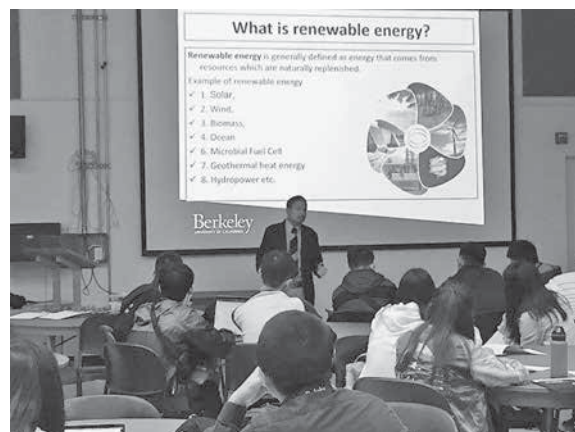
I along with my family joined the commencement ceremony of the UC Berkeley at the famous Greek Theatre.

The UC Berkeley campus celebrated its 150th anniversary in 2018. It has a very good history on the free speech movement in the USA.

As of October 2018, 107 Nobel laureates have been affiliated with UC Berkeley! There are designated parking spaces for the Nobel laureates in the campus.



I also attended various social activities at UC Berkeley during my stay there. The Berkeley experience is one of the most memorable periods in my life. I will always cherish the spirit of Berkeley. The students and the faculties of UC Berkeley are called the Bears. Go Bears! Go Bears!!



Lecture to undergraduate students of UC Berkeley Extension, August 2018



Presenting in front of the CEOs of Companies in San Francisco



Plant Microbial Fuel Cells research on the terrace of Davis hall, UC Berkeley