

1106-K1-2459 **Zhixiong Chen*** (zchen@njcu.edu), 2039 Kennedy Blvd, Jersey City, NJ 07305, and **Yi Ding** (yding@njcu.edu), 2039 Kennedy Blvd, Jersey City, NJ 07305. *Undergraduate Research in an Urban Minority University.*

For the past a few years we have conducted research intensively with our undergraduate students. The research projects focus on topics combining applied mathematics with the environmental sciences, biological sciences, chemical engineering, etc. The students' research projects were presented in our university, MAA NJ section meetings and the JMM meetings. During the whole process, we gained extensive hands-on experience by selecting the appropriate students, deciding on research topics, motivating and interacting with the students, balancing between encouraging independent study and offering advice, and guiding the students to present their results clearly. We will share our strategies and thoughts from this experience, especially for schools with high percentage of minorities. (Received September 16, 2014)