



ROBOTICS ENGINEERING AND MICROBIOLOGY RESEARCH AT LAKE FULMOR

Lake Fulmor is the site of cutting-edge technology Tuesday, May 9, as the James San Jacinto Mountain Reserve hosts robotics engineering and microbiology research teams from U.C. Riverside, UCLA and USC. The teams deployed a robotic boat that traveled around the lake measuring water temperatures and algae growth, a robotic helicopter equipped with GPS and wireless video, and a wired cable robot that took water samples at varying locations and depths, all pre-programmed and operating autonomously. Here, the USC team's robotic helicopter takes off on its mission to image the lake from above. The scientists will compile data on the health of the lake and return several times this summer to collect more data.

PHOTO BY MICHAEL ERLICH