



Title of submission: RoboClaws Effecting Change!

Name of students: Khai, Nghi, My

Team number: FOUR4

Location: Rogers State University, Claremore, Oklahoma

Photo Description

RSU's VEX Robotics Team (Four4) are champions of STEM Community Outreach! The Picture depicts one of these efforts. The three-person team comprised of My, Nghi, and Khai, transported RSU's makerspace to a local non-profit in Tulsa, STEM Gym. We set up 3D printers, laptops, and soldering station at STEM Gym and for the next four days, provided four Design, Build, and Fly Drone workshops (seven hours each). We taught 3D modeling, 3D, printing, soldering, robotics, and basic functions of flight to over 40 underserved middle school learners. Each day culminated with the learners flying and keeping the min-drone they designed, 3D printed, and built.