

Kirk Brown



Kirk Brown teaches International Baccalaureate Biology and Biotechnology at Tracy High School in Tracy, California. He founded the Agricultural/Scientific Academy at Tracy High School, and has worked on science education projects with the California Department of Education, Lawrence Livermore National Laboratory (LLNL), San Joaquin County Office of Education, Access Excellence (Genentech), and the Curriculum for Agricultural Science Education and has an on-going partnership with Bio-Rad Laboratories. Kirk is also an Adjunct Associate Professor at San Joaquin Delta College where he has taught biology majors and biotechnology courses. He is also Nationally Board Certified in Adolescent and Young Adult Science.

While working with LLNL, Kirk worked with other teachers to develop the Biotechnology Education Program, Laser Science & Optics for the Classroom, Student Research Academy, Teacher Research Academy, Biophotonics Research Academy and most recently the Master Teacher for the Academies Creating Teacher Scientists program from the Dept. of Energy. Currently, Kirk is one of the lead instructors at the Edward Teller Education Center specializing in program development. Kirk has worked at the District level writing new K-12 goals, desired learning's and benchmarks that integrate the National and State standards. He is on the Advisory board for the College of Natural Science at C.S.U. Chico and on several other advisory boards. Kirk has been named Tracy Unified's Teacher of the Year and has won numerous awards including the Milken National Educator Award, California's Outstanding Biology Teacher for 2003 by the National Association of Biology Teachers, Carlston Family Foundation Outstanding Teachers of America Award, DiNA Biotechnology Educator Award from BayBio at the 2007 Pantheon Awards, Teacher of the Year for the Western Junior Science and Humanities Symposia, Cortopassi Family Foundation Outstanding Science Teacher Award and most recently was named San Joaquin County Teacher of the year for the 2011-12 school year. Kirk is the author of "Biotechnology: A Lab Skills Course" a textbook that went to print in 2011.

Kirk's special interests are in promoting research at the high school level, and encouraging young people to pursue careers in STEM especially becoming STEM educators.

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