

**2017-2018 CHANCELLOR'S AWARD FOR EXCELLENCE IN UNDERGRADUATE RESEARCH AND
CREATIVE ACHIEVEMENT**

Faculty Recipient:

Teaching Professor Jack Eichler, *Chemistry*:

Since 2010, Dr. Jack Eichler has mentored 11 undergraduate research students, and now has 6 peer reviewed publications all with UCR undergraduate first authors and co-authors. These publications have involved 16 different undergraduate students, some of whom are authors on multiple papers. As Prof. Zhang notes, "Also remarkably, his papers often included many different undergraduate co-authors. These papers have been published in highly recognized journals such as *Inorganic Chemistry* and *Journal of Inorganic Biochemistry*...his students are deeply involved in writing and revising these papers, as Dr. Eichler makes an attempt to give his students an authentic research experience that closely mimics what they might experience as a graduate student." He has mentored undergraduate research students by himself, with no graduate students or postdocs to assist. Additionally (excerpted from Prof. Zhang's letter): "Dr. Eichler has encouraged his students to present their research at local, regional, and national symposia (including SCCUR, SCALACS Regional Undergraduate Chemistry Research Symposium, UCR Undergraduate Research Symposium, and ACS National Meetings). The 11 different UCR undergraduates he has mentored have made a total of 30 presentations at these conferences...Dr. Eichler has also organized the Fall 2016 Southern California Conferences in Undergraduate Research (SCCUR) conference here at UCR (which helped raise \$10-15K for undergraduate research fellowships at UCR). Students have won numerous awards under Dr. Eichler's guidance, including presentation awards at conference symposia, undergraduate research fellowships, and honors designations for work on undergraduate research theses...Eight students, a majority of the undergraduate researchers Dr. Eichler was the PI on an external grant from the U.S. Department of Agriculture, and this funding was used to create a freshman learning community that integrated issues of environmental science and sustainability into his general chemistry courses, as well as a summer research experience for rising sophomores. In Summer 2013 and 2014 Dr. Eichler's learning community program supported total 18 undergraduate researchers, and these students conducted research for 10 weeks with a variety of environmental science and agricultural science faculty at UCR. Dr. Eichler is also a co-PI on an NSF S-STEM grant that will support for training and preparing undergraduate students for research."