



For quite some time Yu-Sheng Chen has been involved with the Consortium for Advanced Radiation Sources (CARS) at the Advanced Photon Source, Argonne National Laboratory. Although most of his responsibilities have been in ChemMatCARS (the component of CARS that concentrates on chemistry and materials science), he also had responsibilities in BioCARS, the structural biology component. He shares an interest in time-resolved x-ray

scattering that combines his more materials science perspective with others that have a structural biology perspective. These interactions have always worked well since there is substantial overlap in experimental approaches, in data analysis, in the day-to-day running of large, national and international user facilities such as ChemMatCARS and BioCARS, and in interactions with demanding and frequently stressed users of these facilities.

Chen has organized a number of workshops at APS with lectures and hands on experience to train new users of the facilities. They include a Synchrotron Charge Density School in 2013 and a School for Synchrotron Crystallography: *Introduction and Experimental Methods at ChemMatCARS/APS*. Yu-Sheng has always been a calm, solid presence whose large and diverse publication record attests to his interactions with users who effectively deploy a wide variety of experimental techniques under his guidance. While he is generally a junior co-author in these publications; he is a top-notch facility scientist whose support is often critical to others as they pursue their research problems. Without his experience and guidance, the users, and ChemMatCARS itself, would be much less successful.

Chen has also managed to attract a large number of first rate scientists and their research groups from abroad to perform experiments at APS. Collaborators and their research groups include Iversen from Denmark, Stalke, Luger and Scherrer from Germany, Spackman from Australia, Toudee from France, and Wang from Taiwan to name a few. All have used the ChemMatCARS beamline 15-ID at the Advanced Photon Source on which Chen is the Principal Scientist.

This work has resulted in a large number of excellent publications and it is clear that his contributions have been crucial to the published research. 15-ID is now one of the prime stations at APS for a wide range of innovative small molecule and material science work and continues to attract users from all over the world. These efforts should be recognized as they greatly promote the non-routine use of crystallographic methods, which are the future of the field.

Koetzle, Thomas F., and Judith L. Flippen-Anderson, eds. "2016 ACA Class of Fellows." *ACA RefleXions* Summer 2016: 44. Print.