

Statistical Excellence in the Pharmaceutical Industry award: 2017 winners

The winner of the 2017 Statistical Excellence in the Pharmaceutical Industry Award goes to Dr Michael O'Kelly, principal scientific advisor at QuintilesIMS.

The judges found that Dr O'Kelly's entry, 'Promoting analytical solutions and best practices for handling missing data in pharmaceutical industry' provided a unifying framework for conducting simulations - an integral element of a statistician's work within the pharmaceutical industry. The judges felt that in this respect, he has made a major contribution to enhancing the practical application of modelling and simulation methodology and tools for analysing data with missing values.

'The award is a great chance to celebrate the very best and most influential work that statisticians in industry do,' said Tim Rolfe, board director at PSI. 'Michael's practical guide on missing data combines existing, as well as novel ideas for analysis of incomplete data in clinical trials, which are critical to pharmaceutical companies meeting the increasing regulatory demands for proper handling of missing data.'