

**F-02 The effect of co-authorship on impact of international publications  
by Sri Lanka scientists**

R M Wasantha Amaradasa  
(NARESA, Colombo 7)

The dependence of impact of international publications on the type of co-authorship was examined for the publications in the *Science Citation Index* 1989 produced by Sri Lanka scientists.

The co-authorship was divided into four categories based on the involvement of a foreign scientist, local scientists from different institutions, scientists from the same institution and a single author. The publication output and average citation rate were noted for different disciplines against the above categories.

Most of the international publications in Sri Lanka are in biological (23.9%), chemical (22.3%) and medical (23.1%) sciences. Collaborative research is highly prevalent in chemical sciences and research collaboration within the same institution is absent in medical sciences. Publications co-authored by a foreign scientist takes 44.6% of the total publications and these publications receive higher citations than others. Impact of publications in chemical & medical sciences are significantly higher than that of any other field.