



## NEW TRENDS IN TEACHING STATISTICS

EDITA SZABOVÁ, ANNA HREŠKOVÁ, KRISTÍNA CAFIKOVÁ

**ABSTRACT.** *The paper deals with possibilities of increasing of effectiveness of teaching statistics through modern methods and forms of teaching, such as project based teaching, problem based learning, heuristic methods, use of humor in teaching, etc. We rely on papers published especially in the major journals of the American Mathematical Society - Journal of Statistics Education and The American Statistician.*

**KEY WORDS:** *statistics education, project based teaching, problem based learning, humor, Journal of Statistics Education.*

**CLASSIFICATION:** *D40*

*Received 11 April 2014; received in revised form 29 April 2014; accepted 29 April 2014*

### Authors' Addresses

*PaedDr. Edita Szabová, Mgr. Anna Hrešková, PaedDr. Kristína Cafiková  
Department of Mathematics, Faculty of Natural Sciences, Constantine the Philosopher University,  
Tr. A. Hlinku 1, SK – 94974  
e-mail: edita.szabova@ukf.sk, anna.hreskova@ukf.sk,  
kristina.cafikova@ukf.sk*