



## Presentations at the annual NARST and AERA Conferences, in Chicago, 2015

NARST: A Worldwide Organization for Improving Science Teaching and Learning through Research (NARST)  
and  
American Educational Research Association (AERA)

held their annual conferences in Chicago, USA in April 2015.

Professor Sibel Erduran made presentations at both conferences. One set of papers concerned professional development in the area of scientific practices and were conducted in collaboration with colleagues from Bogazici University, Turkey. The work was part of the dissemination activities for the project co-funded by EU Marie Curie and TUBITAK. The following papers were presented at NARST:

Erduran, S., & Dagher, Z.R. Scientific Practices: Theoretical Perspectives and Educational Implications.

Mugaloglu, E., Ceyhan, G., Erduran, S., Dagher, Z., Kaya, E., & Saribaş, D. An Investigation of Pre-service Science Teachers' Perception of Scientific Practices.

Kaya, E., Erduran, S., Dagher, Z., Mugaloglu, E., Saribaş, D., & Ceyhan, G. Preservice Science Teachers' Representations of Scientific Practices.

Dagher, Z., Mugaloglu, E., Erduran, S., Kaya, E., Saribaş, D., & Ceyhan, G.. Case Study Analysis of Three Preservice Teachers' Perceptions of Scientific Practices.

At NARST, Professor Erduran also presented a paper based on the argumentation project based in Rwanda and financially supported by NARST. The work was a team effort between colleagues at University of Limerick, Bogazici University, Abant Izzet Baysal University and University of Rwanda.

Erduran, S., Kaya, E., Cetin, P. S., O'Grady, A., Leahy, K., Uworwabayeho, A., & Mutarutinya, V. Research and Development on Argumentation in Pre-Service Teacher Education in Rwanda.

A further paper at NARST included a report on the evaluation of the new curriculum standards in the USA:

Dagher, Z. R., & Erduran, S. NGSS Implementation Resources: Averting Blind Spots.

At AERA, an overall presentation on the EU Marie Curie – TUBITAK funded project was made as follows:

Erduran, S., Dagher, Z., R., Mugaloglu, E. Z., Kaya, E., Saribas, D., & Ceyhan, G. a Holistic Account of Scientific Practices in Science Teacher Education.



Professor Erduran with the Bogazici team, Professor Zoubeida Dagher from University of Delaware (Advisor to the Project) and Professor Carla Zembal-Saul from Pennsylvania State University (Discussant).