



Science Teachers' Pedagogical Content Knowledge

Guest Editor:

Dr. Kennedy Kam Ho CHAN

Faculty of Education, The
University of Hong Kong,
Pokfulam, Hong Kong

Deadline for manuscript
submissions:

closed (31 August 2017)

Message from the Guest Editor

Dear Colleagues,

It is widely known that effective teaching requires more than familiarity with subject matter. Shulman in his seminal articles, presented a strong case that teachers requires also a special type of knowledge called Pedagogical Content Knowledge (PCK). PCK is formed from an amalgamation of subject matter knowledge (SMK) and pedagogical knowledge (PK). PCK is particularly appealing to science teacher educators and researchers as it is well-known that student (mis-)conceptions can heavily influence student learning of science; and that would require teachers to make use of specific instructional strategies and representations to help student learning.

Despite more than 30 years of research efforts, many questions related to PCK still remain unresolved.

Dr. Kennedy Kam Ho CHAN

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Daniel Muijs

School of Social Sciences,
Education and Social Work,
Queen's University Belfast,
Belfast BT7 1NN, UK

Message from the Editor-in-Chief

From its first issue in 2011, *Education Sciences* (ISSN 2227-7102) has grown as a scholarly international open access journal. Its aim remains to publish extended full-length research papers that have the scope to substantively address current issues in education. As a member of the Committee on Publication Ethics (COPE), our goal has been to disseminate high quality research. Our publisher, MDPI, takes the responsibility to enforce a rigorous double-blind peer-review together with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), Educational Research Abstracts, PsycInfo, and other databases.

Journal Rank: CiteScore - Q1 (*Education*)

Contact Us

Education Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/education
education@mdpi.com
X@EducSci_MDPI