

Accepted Manuscript

Instructors' pointing gestures improve learning regardless of their use of directed gaze in video lectures

Zhongling Pi, Yi Zhang, Fangfang Zhu, Ke Xu, Jiumin Yang, Weiping Hu



PII: S0360-1315(18)30277-X

DOI: [10.1016/j.compedu.2018.10.006](https://doi.org/10.1016/j.compedu.2018.10.006)

Reference: CAE 3475

To appear in: *Computers & Education*

Received Date: 13 August 2018

Revised Date: 6 October 2018

Accepted Date: 8 October 2018

Please cite this article as: Pi Z., Zhang Y., Zhu F., Xu K., Yang J. & Hu W., Instructors' pointing gestures improve learning regardless of their use of directed gaze in video lectures, *Computers & Education* (2018), doi: <https://doi.org/10.1016/j.compedu.2018.10.006>.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Instructors' pointing gestures improve learning regardless of their use of
directed gaze in video lectures**

Zhongling Pi¹, Yi Zhang², Fangfang Zhu², Ke Xu², Jiumin Yang^{2,*}, Weiping Hu^{1,3,*}

1. Key Laboratory of Modern Teaching Technology (Ministry of Education), Center
for Teacher Professional Ability Development, Shaanxi Normal University, Xi'an
710062, China;

2. School of Educational Information Technology, Central China Normal University,
Wuhan 430079, China

³ Collaborative Innovation Center of Assessment towards Basic Education Quality at
Beijing Normal University, Beijing 100000, China

Jiumin Yang and Weiping Hu are corresponding authors.

* Corresponding authors: Jiumin Yang: Address: Luoyu Road 152, Hongshan District,
Central China Normal University, Wuhan 430079, Hubei Province, China; E-mail
address: yjm@mail.ccnu.edu.cn; Tel: +86 13907185579. Weiping Hu: Address:
Changannan Road 199, Yanta District, Shaanxi Normal University, Xi'an 710062,
China; E-mail address: weipinghu@163.com; Tel: +86 15202933699.

Download English Version:

<https://daneshyari.com/en/article/11263422>

Download Persian Version:

<https://daneshyari.com/article/11263422>

[Daneshyari.com](https://daneshyari.com)