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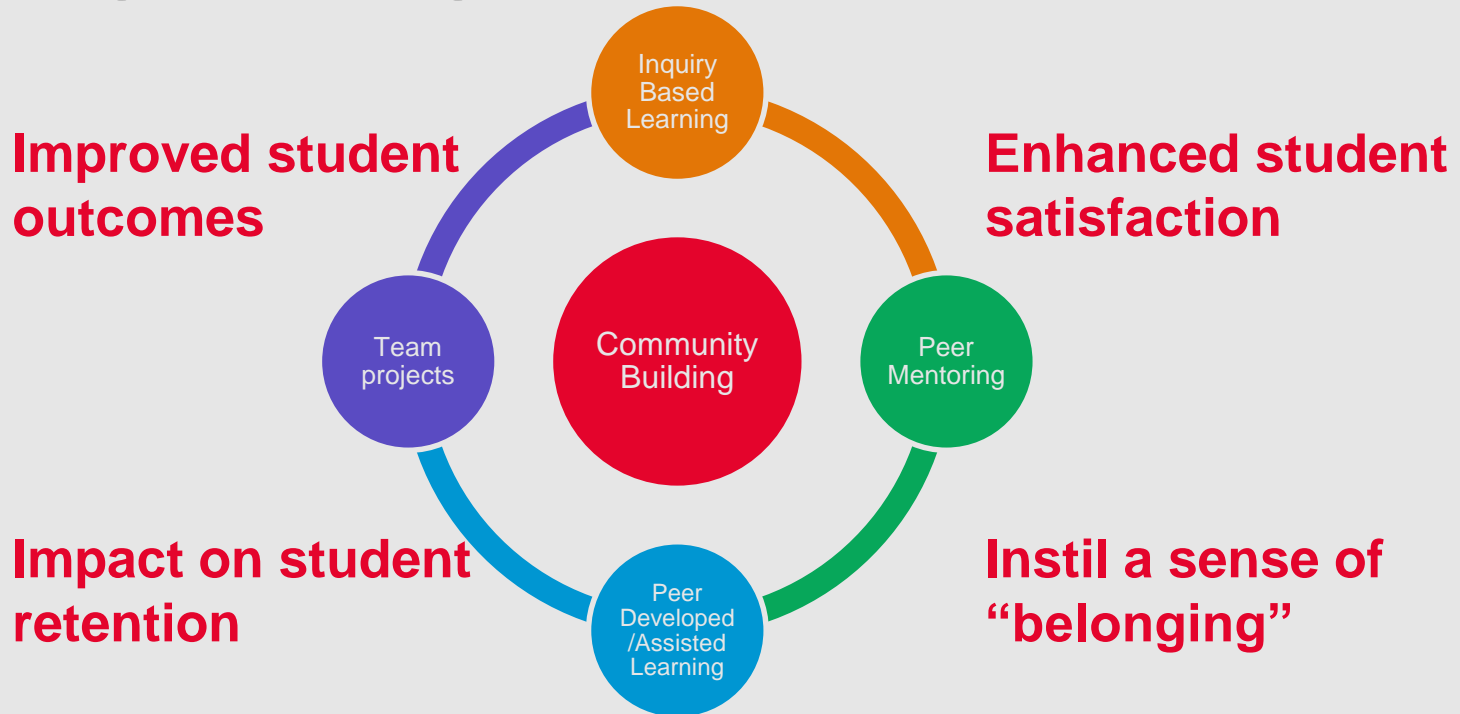
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# Measuring Student Awareness of Equality, Diversity and Inclusion in the Chemical Sciences

Dylan P. Williams & Khalku Karim

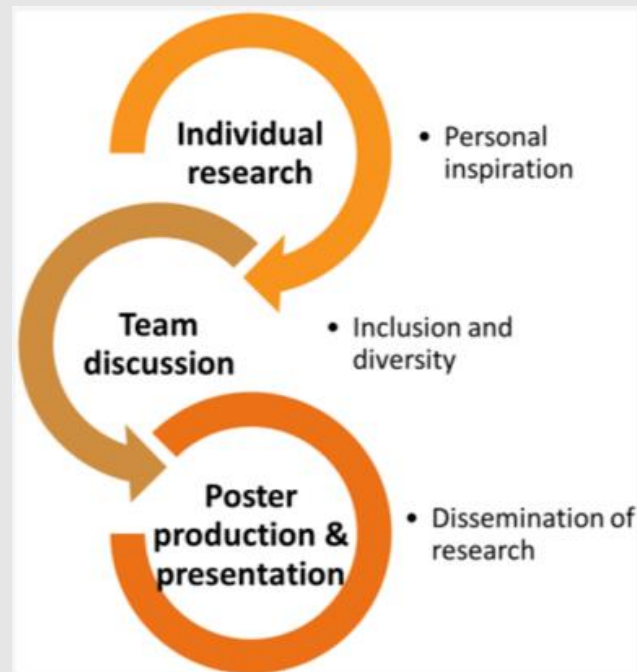


# Building Learning Communities



# Inspirational Chemists

- Part of our work on developing an Inclusive Curriculum involved developing a student-led poster conference activity in year one
- Students work in teams to design, create and present posters on chemical inspirations
- Students asked to create posters that will promote the subject to the entire local population



# Inspirational Chemists





## Peer discussion

Empowering  
students to  
challenge  
inequalities in  
science

Allowing students to  
celebrate their own  
and other cultures

Recognition that the  
origin of chemical  
principles does not  
inherently have the  
“majority face”

Recognizing EDI as  
a strength

Deciding how best to  
communicate team  
findings

## Student awareness of EDI in chemistry

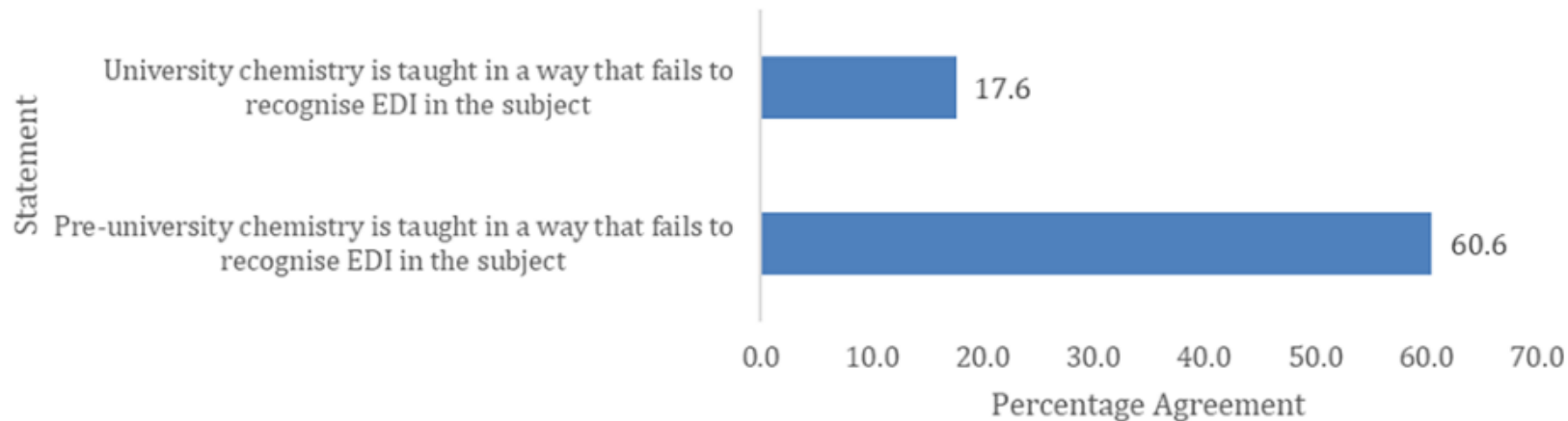
- How effective do students believe different stages of learning to be at raising their awareness of EDI in chemistry

## Effectiveness of poster activity

- How effective did students believe this activity was at raising their awareness of EDI in chemistry?



### Percentage agreement of year one chemists with Likert statements on Diversity & Inclusion (n=72)



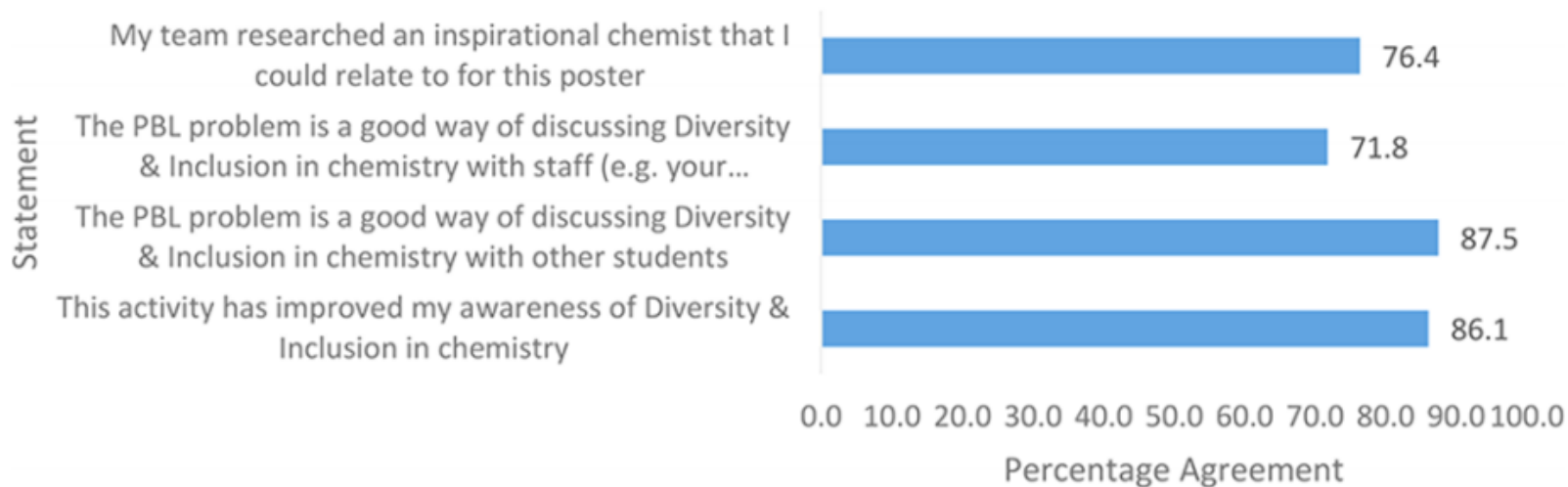
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*Journal of Chemical Education* **2020** 97 (11), 4039-4043

DOI: 10.1021/acs.jchemed.0c00462



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## Key findings

Relatively simple approach to facilitate peer conversations on EDI

Posters created did a very good job of representing EDI in chemistry

Successfully raised student awareness of EDI

Possible student perception that they are underexposed to EDI in pre-HE chemistry

An important part of induction "*The PBL work allowed us to find new friends and work as a team*"