

# The Art and State of Safety Journal Club

Discussion of : "Pragmatism as a teaching philosophy in the safety sciences: A higher education pedagogy perspective"  
K. Klockner, P. Shields, M. Pillay & K. Ames. *Safety Science*,  
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Patricia M. Shields  
Dept of Political Science  
Texas State University

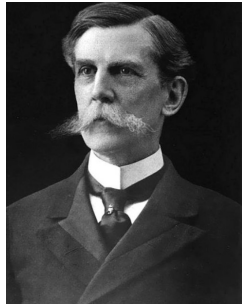
March 10, 2022



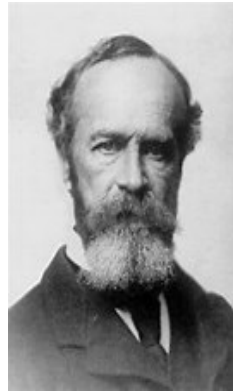
# Founders Classical American Pragmatism



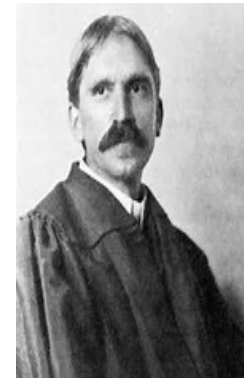
Peirce  
1839-1914



Holmes, Jr.  
1841-1935



James  
1841- 1910



Dewey  
1859- 1952



Addams  
1860-1935





David Brendel

## Basics of Pragmatism

Practical Problems    Goal resolution of problem

Pluralism – many perspectives. (not fixated in one perspective)

Participatory –Voices of those effected considered

Provisional – Try a solution to problem, reflect whether it works

# Additional key ideas

Purposeful inquiry – Transformations in inquiry

Critical Optimism

Avoid rigid dualisms

Perplexity

Problematic Situation

# Questions – Issues raised in Table Read

- Constructivism – how similar ? Dominick
- Getting closer to the safety setting Jessica/ Cristian
- Uncovering hidden assumptions in Standard Practice – Ralph
- Students design an experiment Amanda
- Tools of practice --- Theory. Bridge both ways Ralph
- Where do Case Studies fit Dominick
- Action Research Jessica
- Allowing students to follow own interest Strategies. Brady
- Network of people to call on Ralph
- Students not in the field. What to do? Hinds

## References

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Dewey, J.(1896) The reflex arc concept in psychology. *Psychol. Rev.* **3**(4), 357

Dewey, J.(1938). *Logic: The Theory of Inquiry*. Henry Holt & Co, New York.

Peirce, Charles Sanders. 1877. The Fixation of Belief. In *Philosophical Writings of Peirce*, edited by Justus Buchler, 5–22. New York: Dover, 1955.

Peirce, C. S. (1878) How to Make our Ideas Clear. *Popular Science Monthly* 12 : 286-360