



Chief Ed Hartin

MS, EFO, FIFireE, CFO

IFIW ED (not TED) Talk

Ideas worth thinking about

Fire Chief, Central Whidbey Island Fire & Rescue

Previously worked for other fire and rescue services in urban, suburban, and rural communities across the US.

Immediate Past President

Institution of Fire Engineers, USA Branch

Owner & Chief Instructor, CFBT-US

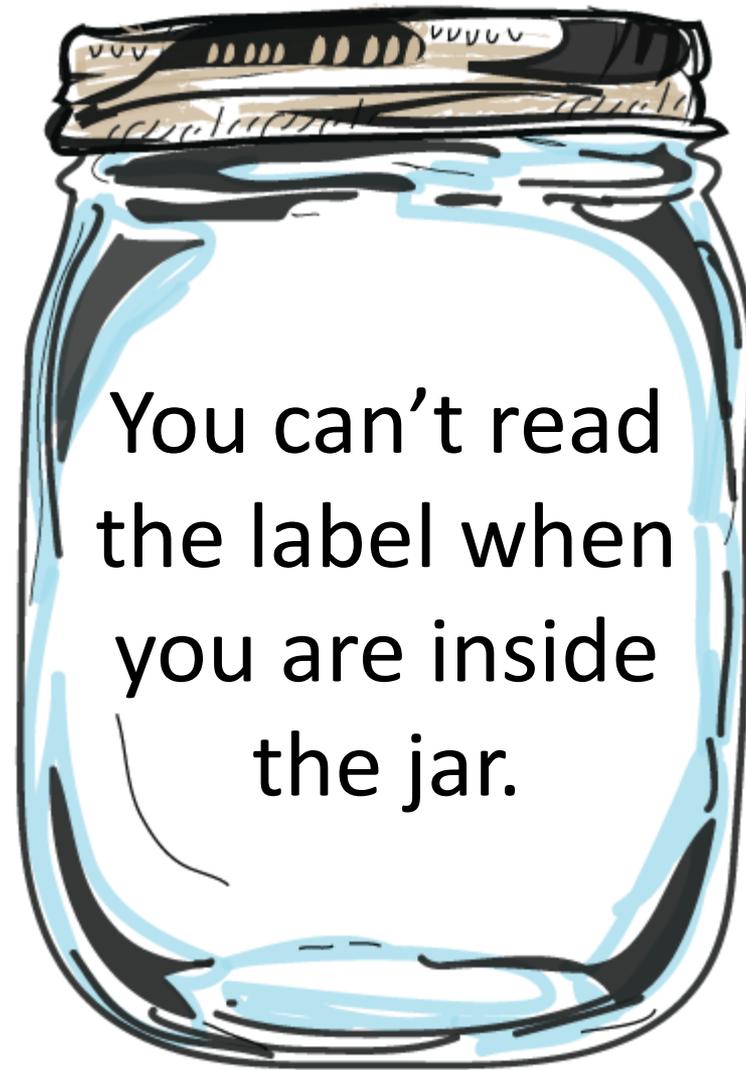
Taught and leaned in 11 countries around the world with an emphasis on fire behavior and firefighting tactics.

Member, UL-FSRI Advisory Board

Served on the horizontal ventilation, vertical ventilation, and attic fires technical panels and now on the UL-FSRI Advisory Board.

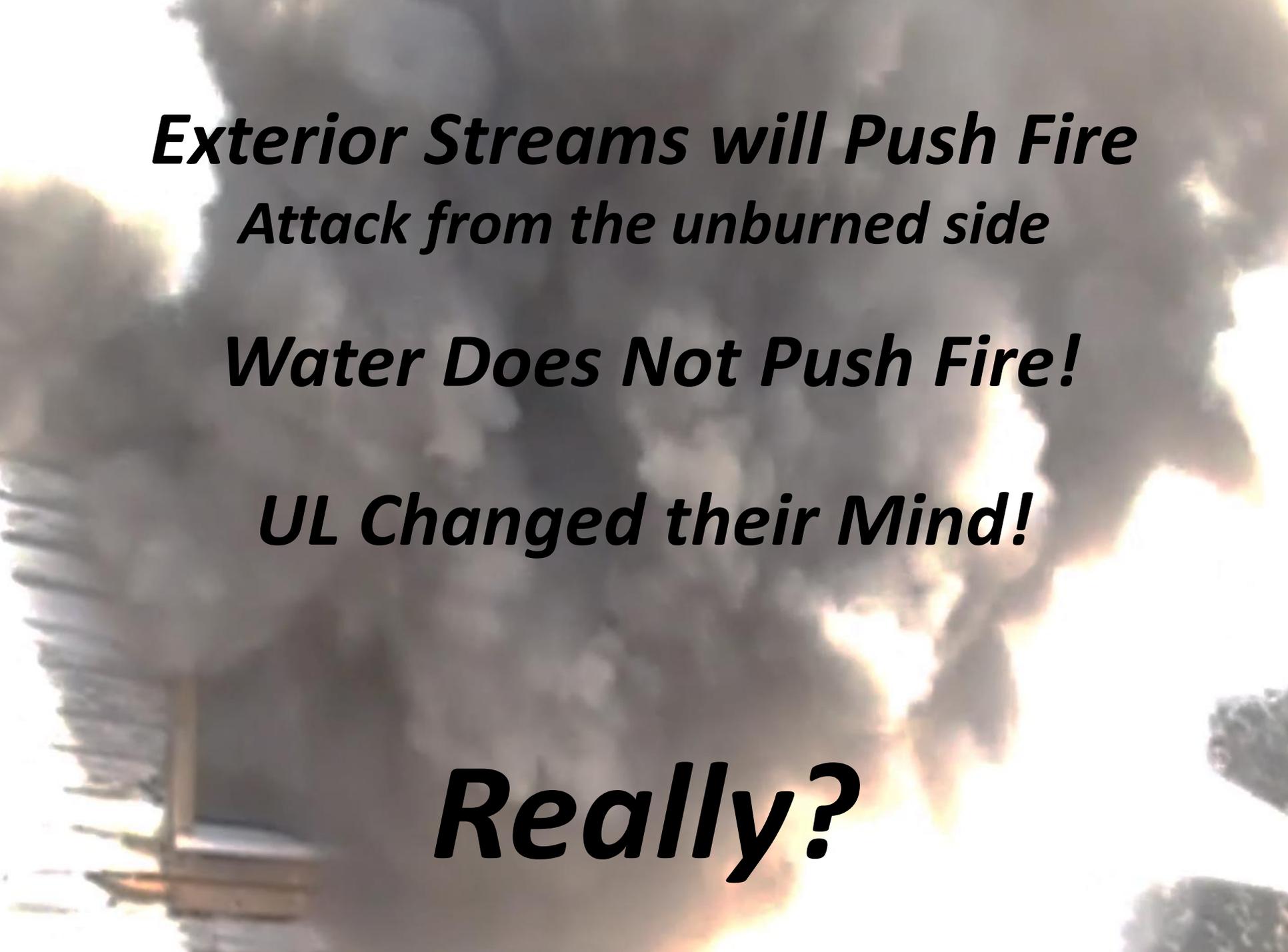
Member, Firehouse Editorial Advisory Board

Facilitate the International Perspectives Column



You can't read
the label when
you are inside
the jar.



A large fire is burning, with thick black smoke rising from a building. The fire is intense, with bright orange and yellow flames visible. The smoke is dense and billowing, partially obscuring the building. The background shows some trees and a clear sky.

***Exterior Streams will Push Fire
Attack from the unburned side***

Water Does Not Push Fire!

UL Changed their Mind!

Really?

Epistemology

the theory of knowledge, especially with regard to its methods, validity, and scope, and the distinction between justified belief and opinion

What do we know and
how do we know it?

- ✓ Exterior streams can push fire
- ✓ Water doesn't push fire
- ✓ Pressure changes push fire
(maybe...)
- ✓ Water can be applied from the exterior without pushing fire

Belief & Knowledge



There is nothing so useful as a good theory

Kurt Lewin

Bias in Research

Bias exists in all study designs, and although researchers should attempt to minimise bias, outlining potential sources of bias enables greater critical evaluation of the research findings and conclusions. Researchers bring to each study their experiences, ideas, prejudices and personal philosophies, which if accounted for in advance of the study, enhance the transparency of possible research bias. Clearly articulating the rationale for and choosing an appropriate research design to meet the study aims can reduce common pitfalls in relation to bias.

Bias in Research

Joanna Smith & Helen Noble

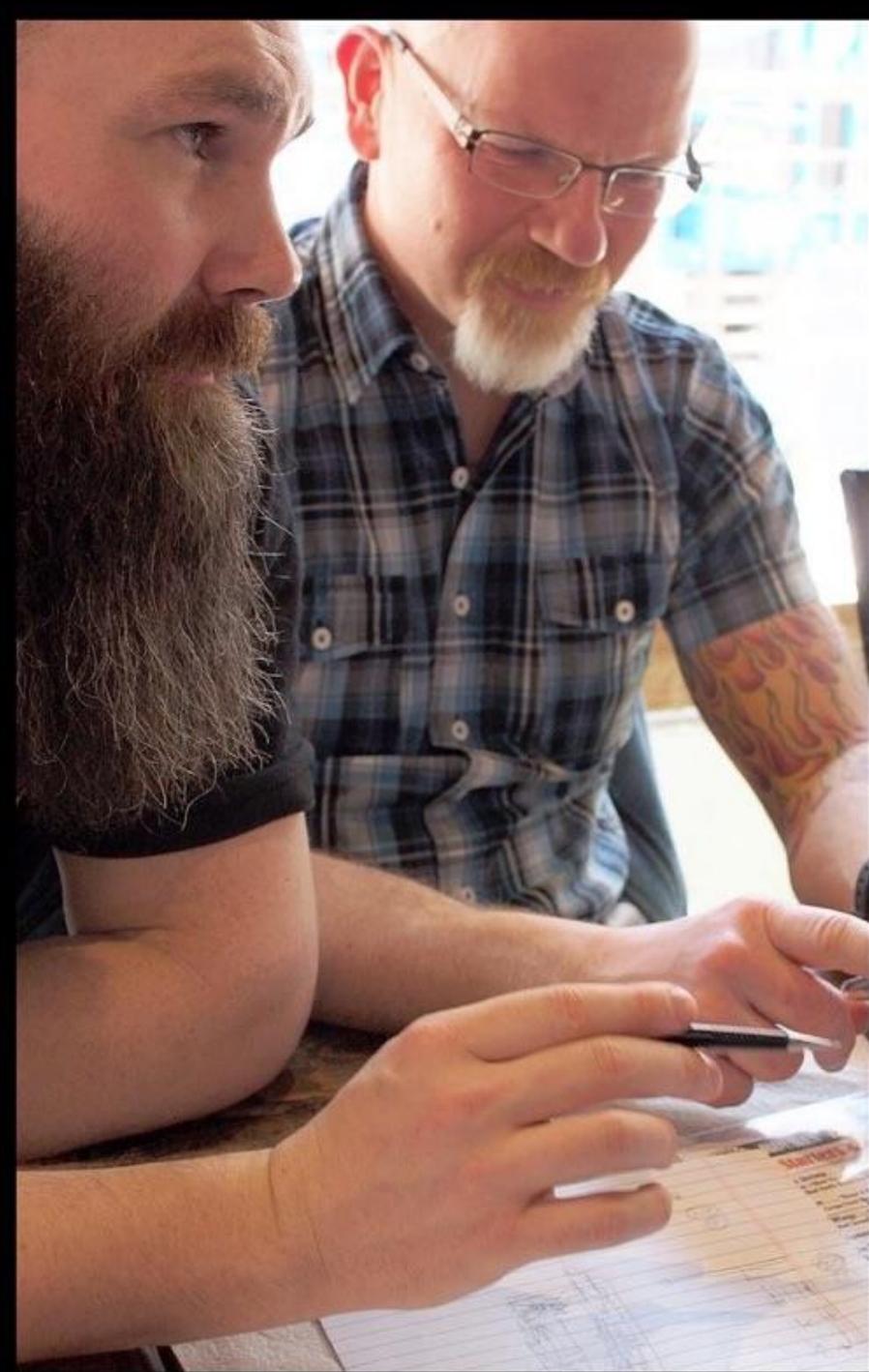
Context

*When does it matter,
when does it not and why?*

Semantics

Is it just “semantics”?

What is the importance of language?



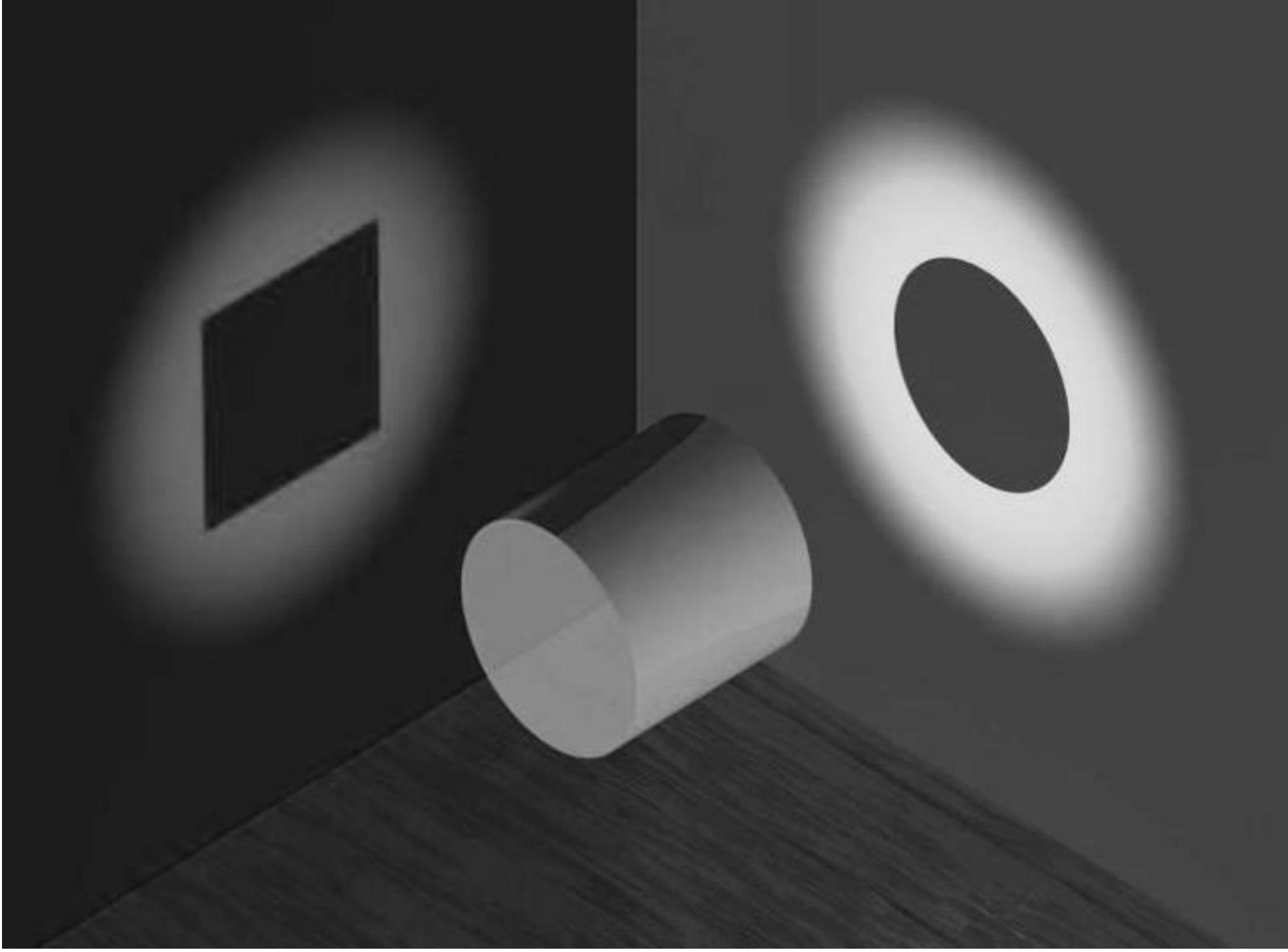
Critical Friends



_____ is the best method

_____ is effective

Of the methods tested,
_____ was the most effective





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