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Transparency and accountability:  
what is *really* going on?

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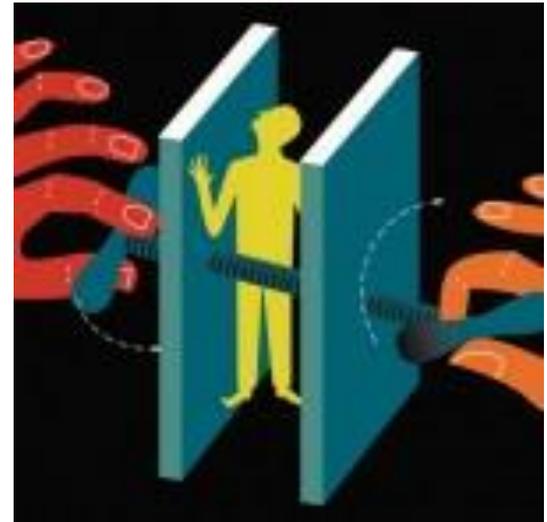
# Everybody is against scientific misconduct and fraud

- yet there seems to be more than ever



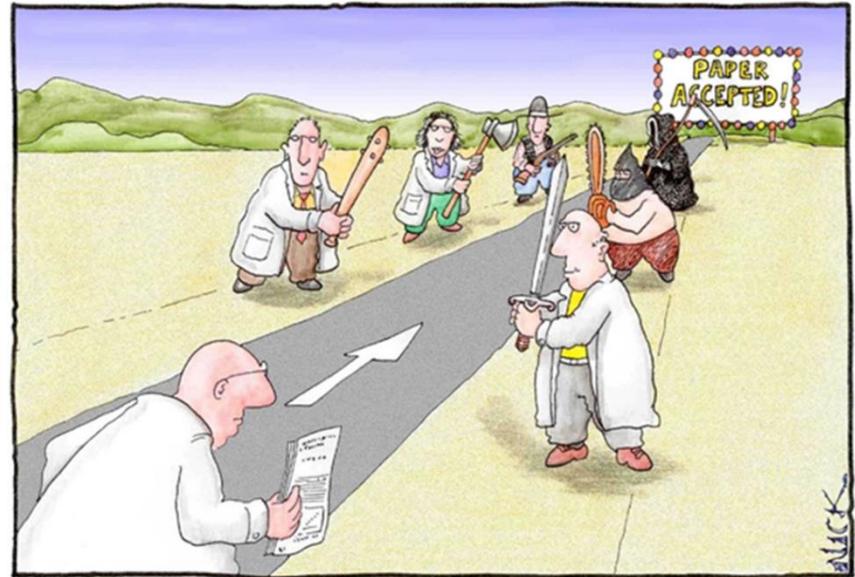
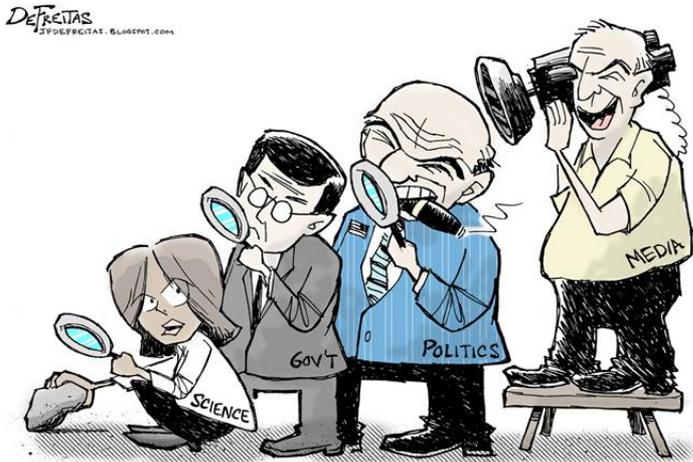
# Some of the reasons – 1

- Perception vs. Reality
- Increasing pressure on scientific careers
- Reproducibility crisis



# Some of the reasons – 2

## ➤ Peer review system



Most scientists regarded the new streamlined peer-review process as "quite an improvement."

## ➤ Role of media

## ➤ Economic interests: the Merchants of Doubts

# The response:

MORE Accountability

and

MORE Transparency

# Enter ambiguity

- Science can no longer be trusted to regulate itself
- The role of trust and tacit knowledge
- Sharing: Open Access, Open Innovation, RRI

# Transparency: Making the Invisible Visible

Visibility towards the outside

renders the inside invisible

# The ,other side' – what do we tell our students?

- Learning to play the game
- Towards an embedded ethos of research integrity

# What is *really* going on?

## Locating reality

- Multiple theaters of accountability' (U.Felt) and of transparency
- Actual practices and their institutional context
- The messiness of temporal oscillations

# A wider transformation?

- The age of big data and its challenges:  
data and material
- The blurring of categories:  
object/participant/consumer
- Sharing and the norm of reciprocity