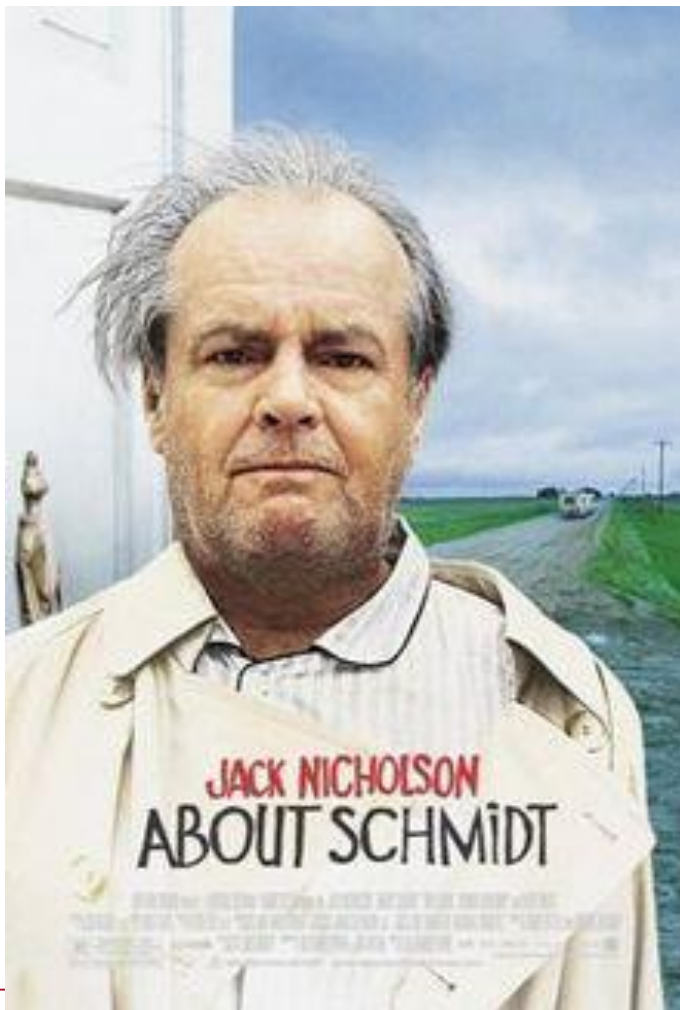




# **MODERNISING ACTUARIAL EDUCATION**

Andrew Gladwin



ACTUARIAL

EDUCATION FROM

THE PAST?

Subject 5 — Applied Statistics

One paper covering:

- (a) statistical distributions
- (b) credibility theory
- (c) utility theory
- (d) risk theory

# A PROCESS TO MODERNISE ACTUARIAL EDUCATION



INTERNATIONAL ACTUARIAL ASSOCIATION  
ASSOCIATION ACTUARIELLE INTERNATIONALE

## ASSA NORMATIVE SKILLS

# 1. EXPANDING THE ACTUARIAL FOOTPRINT

What does an actuary do?

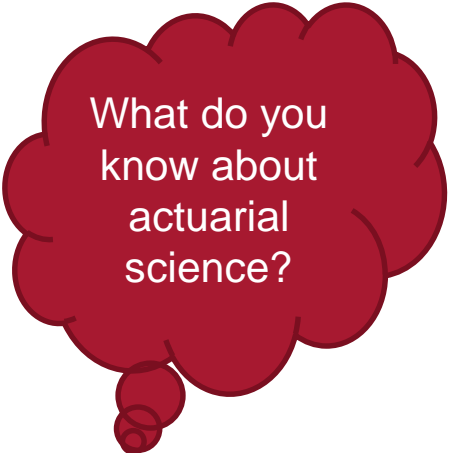
THEN

They calculate insurance premiums

IN THE FUTURE

They can solve a wide range of problems involving financial risk for a wide variety of organisations

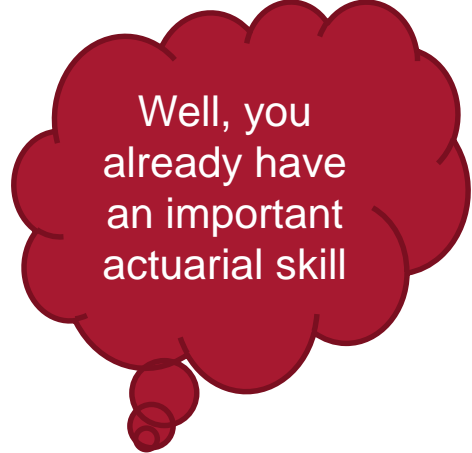
## 2. DEFINING THE DEPTH AND BREADTH OF LEARNING



What do you  
know about  
actuarial  
science?



I know  
nothing...



Well, you  
already have  
an important  
actuarial skill

# 3. DELIVERING THE PROFESSIONAL PROMISE



# 4. DATA –THEORY, PRACTICE AND ETHICS

## The Economist

The world's most  
valuable resource  
is no longer oil,  
but data



# THE ACTUARY OF THE FUTURE



ETHICAL

ALL-ROUNDER

LIFELONG LEARNING

PROFESSION OF CHOICE

AFRICAN AND WORLD-CLASS

BALANCE OF TECHNICAL AND DELIVERY SKILLS