

# Technology Regulation

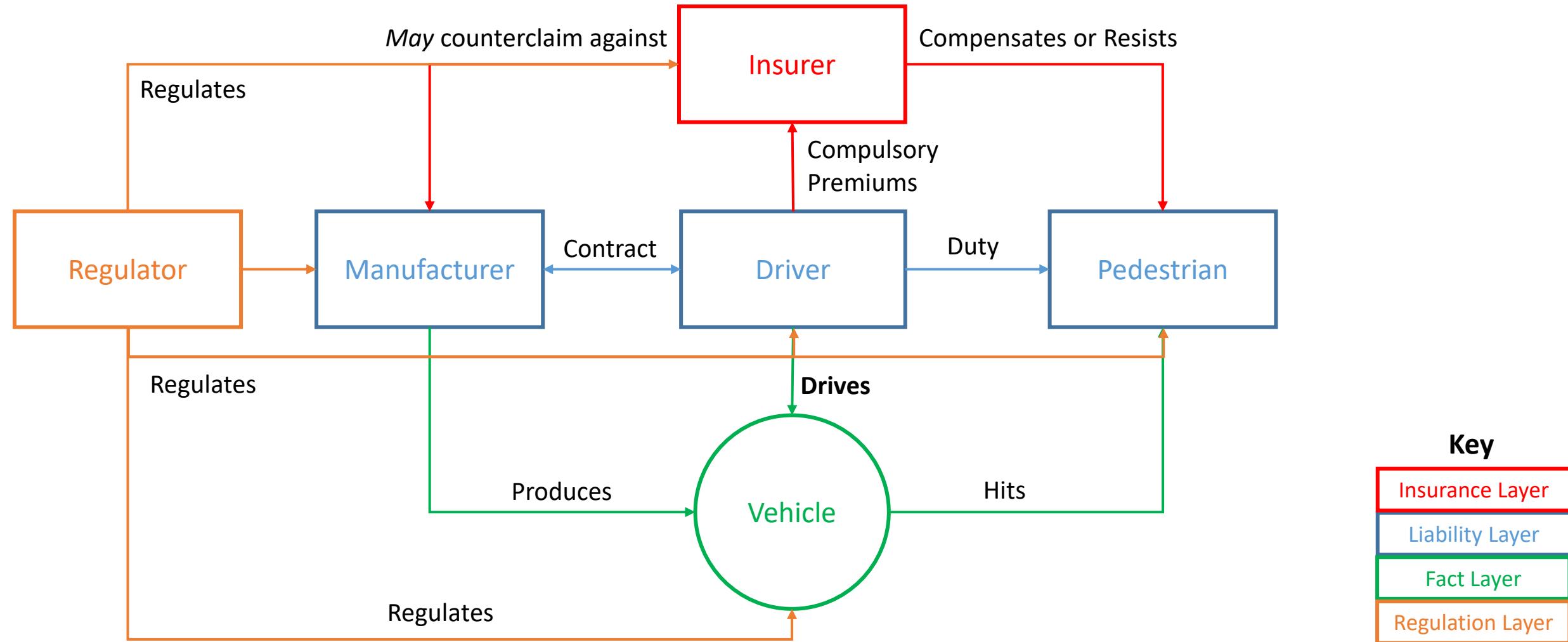
History and Principles

Part II: Automobiles

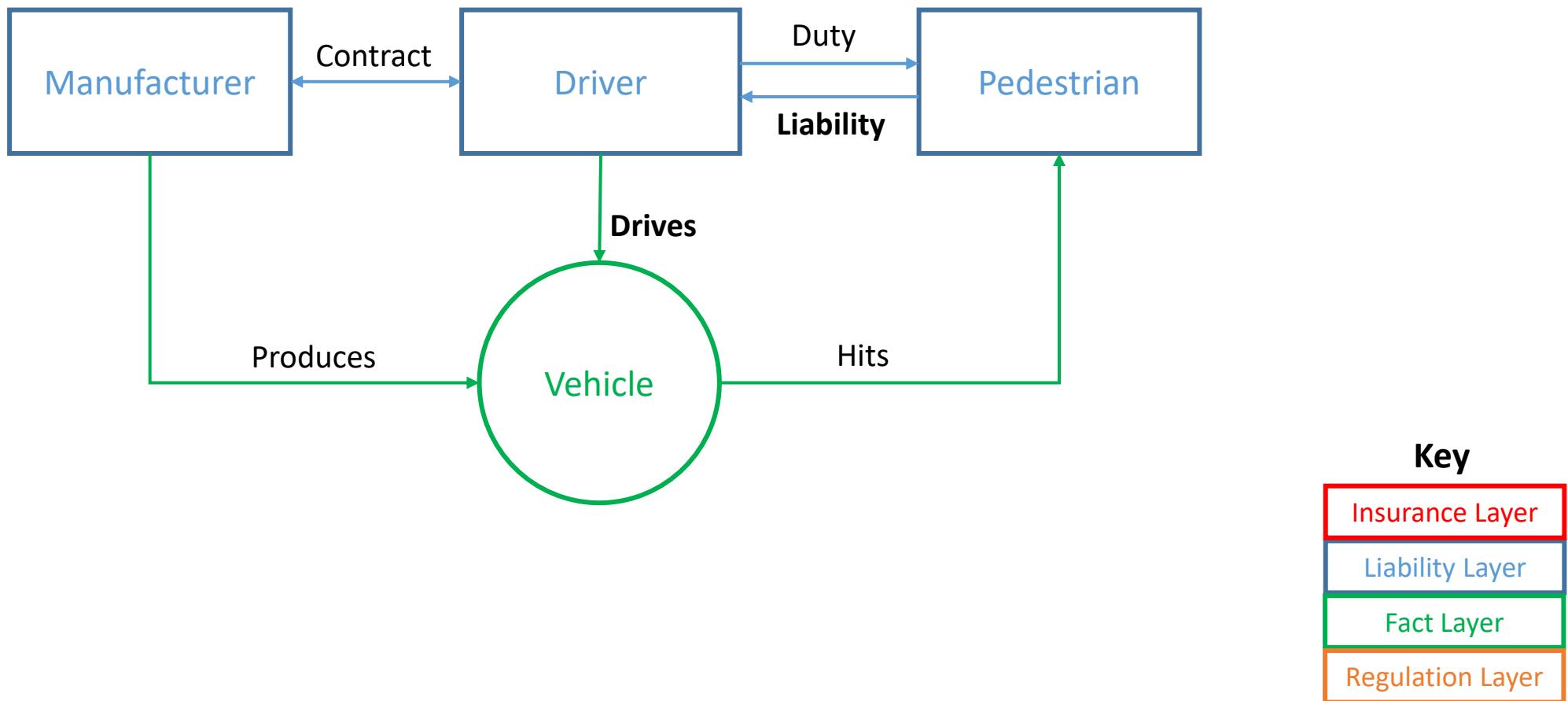
# In this Video...

- The laws and regulations surrounding how automobiles (to use the historic name) are applied and supplied
- Laws themselves not the main point, but useful as a case study of the concepts covered in Part 2.1

# How It's Done Now



# How It Was Done Back Then



# The Automobile

- Popularised in 1908 by Ford Model T
- Had been around earlier, since 1700s
- Not much adoption → not much law
- Explosion in adoption in early 1900s
- More cars → more accidents
- **What was law's response?**



# The Law of the Metal Horse

- Courts:
  - “driver” could apply to automobiles
  - Mainly negligence rules, premised on driver’s control of vehicle
  - Horse carriage cases readily applied, no need for special consideration (*why?*)
- But **liability proved insufficient** given rise in accidents and judgement-proof defendants.  
**Regulation** was necessary
  - First-mover was UK in *Road Traffic Acts* of 1930s, introducing compulsory insurance (and other things)
  - Compensation still premised on proof of negligence
  - As tech developed, more and more **regulation** (highway codes, etc)
- **How does this reflect what we’ve seen about technology regulation?**
  - What is being regulated?
  - How and why?
  - Recall: Collingridge dilemma

# Criminalising Walking; Subsidising Driving

- Note: Article tailored to US context (strong auto lobby)
- **Social norms**, led by corporate interest campaigns
  - Stigma around “jay” walking → essentially a kind of victim-blaming
  - “Jaywalkers are causing most of the incidents!”
  - Traffic collisions branded as “accidents” → no one’s (intentional) fault!
- **Real space architecture** evolved
  - roads and “freeways” became the norm
  - “parking” spaces took over cities
  - pedestrians relegated to the “*sidewalk*”
- **Laws** also changed → jaywalking became illegal and widely-enforced, sometimes against disadvantaged groups (disabled, minority races, etc)

# NATION ROUSED AGAINST MOTOR KILLINGS

**T**HE need for vigorous anti-drunk driving and highway safety has prompted Secretary Evans to call a conference of representatives of the various agencies interested in studying the steady increase in vehicular accidents. The conference will be held in Washington on Dec. 18. It will bring the nation's four main agencies, including statistics, traffic control, construction and engineering, city planning and zoning, insurance, education and the motor vehicle and public relations.

A spokesman added to Wednesday's press conference that the administration was "very close" to finalizing its budget. A spokesman for the White House said he was "optimistic" that the budget would be submitted to Congress by the end of the month.

The motor car was also recovered by Silver Highway Patrol no. The Orange County drivers were added to the suspended status limited, 4 million, to those who had to be suspended for a year and to those who had been cited as a drunk driver. When drivers were eligible to re-enter the program, drivers are allowed upon the removal. Drivers are allowed to drive again provided they have completed 125 hours of driving training in 125 days.

Secretary Hoover's Conference Will Suggest Many Ways to Check The Alarming Increase of Automobile Fatalities.—Studying Huge Problem



**Assuming Costs In The Actual** Is One Of The  
Highways To The Progress Of Superior  
Manufacturing. In The Progress Of The Improvement  
Process, We Must Assume Costs.

"It Is Usually Only When It Is  
Arrived At The Point Of Satisfaction  
That We Are Finally Sure That  
Our Costs Are Under Control. From This  
Point Onward, We Must Assume Costs  
In The Actual. This Is The Highway To  
The Progress Of Superior Manufacturing."

"From This Point Onward," O'Brien Was  
Paying Special Attention To What He Said  
And Was Still Able To Hold In His Heart  
What Was Essential To The Job Of A  
Production Manager When All Variables Were  
Under Control. The Managers Under  
His Direction Were Able To Settle  
Any Question About Costs And Prices  
With The Least Amount Of Headache.  
He Knew That They Would Be Able To  
Handle Any Problem That Came Along  
With The Least Amount Of Headache.

"It Is Only When We Assume Costs  
In The Actual That We Are Able To  
Handle Any Problem That Comes Along  
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**PROBLEMS LIKE A BUSINESS**

stroke and stroke. *Amherst*, the  
last in his portfolio class who will  
try each position. In reality, the ex-  
hibit shows us a portfolio class  
of one.

Finally, the *hedgehog* is a source of motivation, this also motivates, and the more it is harmonized with who we want to become the more it motivates.

Worthington, the author's mother, was present at the readings and awaiting removal from the house. He is retired. The author's wife was sent her birth certificate to enable her to get a job as a typist. She is now working part-time. Mrs. Worthington, who has been estranged from her daughter since 1940, has recently re-established friendly relations with her. Her son-in-law, Mr. and Mrs. John D. Gandy, have moved into the same house from a separate dwelling which is situated in a rural area.

It should be mentioned that the author's wife was selected for the role of the widow in the first performances, despite the fact that she had no previous stage experience. She was chosen because of her physical attractiveness and popularity with the author's wife. The author's wife enjoyed the play immensely and the rest of the company that night was also pleased.

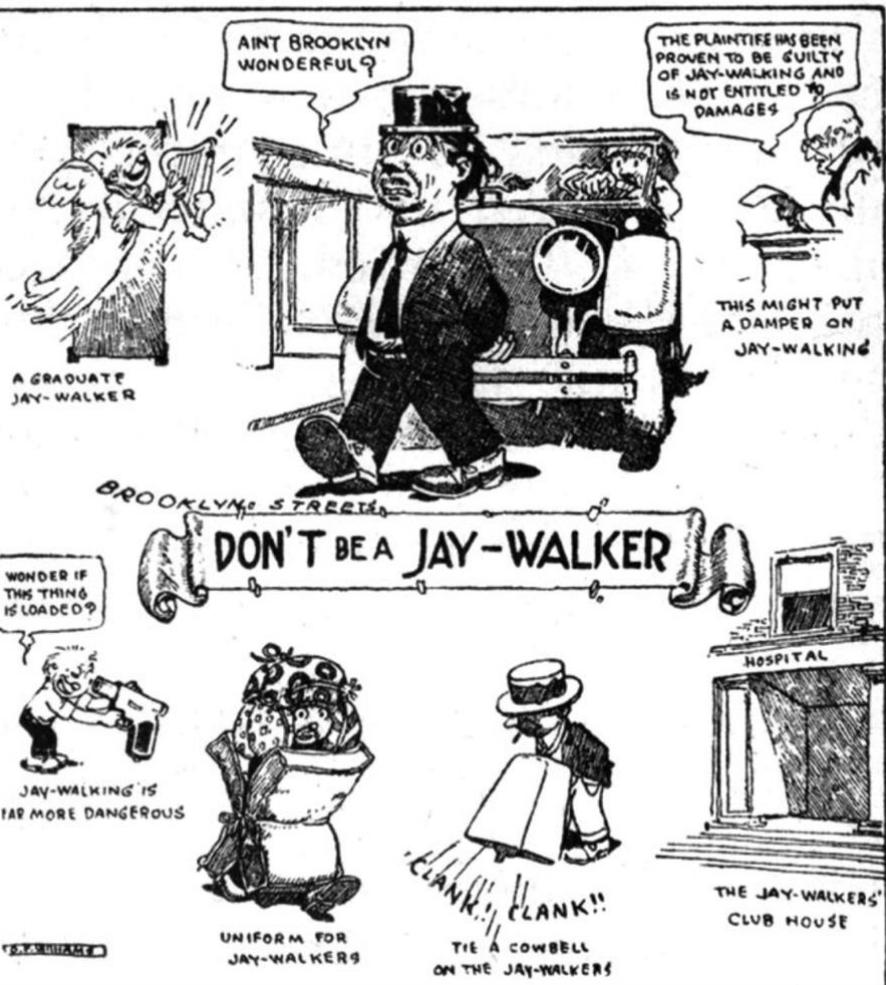
we have built, especially a major  
institution such as ours has been  
attempt to regulate patient care.  
We will need to enhance the pro-

it. At that time we took the information that is lost or gained there, whether up or off a mountain, without looking or knowing the movements. But if we know the movements and the exchange in intelligence between all our personnel who do the work in field judgment becomes perfect and wise, strengthened by the in reading their existing track of activities that efficiency will immediately

and then, pulling up the lightning rod, he ignited all subdivisions of God's empire. Try to discern their way through; if they are to come at all, then come magnificently.

As to Reporting Requirements.  
Any registration of the possession by  
any person with another, his emolum-  
ents and rights will exist as soon as, at least,  
as in the hands of any such offi-  
cials as the Police Commissioner  
or any other city or corporation  
or to any magistrate or for his con-  
venience or protection, so will  
it be a prima facie presumption, as well  
as a well-answering, that official self-

## A Traffic Problem—Jay Walking



# Lessons from the Past

- Lessig's theory plays out nearly note for note
- As we move on to more "newly urgent" cases, you should be able **spot parallels to the past and say "we've handled this before"**
  - Notice that this is one key we apply to spot legal issues
- Law and Technology necessitates *some understanding of law and society, law and economics, etc*
- **Tussle between different modalities** (over which different interest groups hold power), even before code
  - Markets → corporations
  - Law → governments (and corporations?)
  - Norms → communities
- **Question for later Parts: who has power over code?**

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