

Unintended Consequences of Design *h*

Matt Archer
12.10.18

Five Possible Causes of Unanticipated Consequences

Robert K. Merton 1936

1. Ignorance

(It is impossible to anticipate everything, thereby leading to incomplete analysis)

1. Ignorance

(It is impossible to anticipate everything, thereby leading to incomplete analysis)

2. Error

(Incorrect analysis of the problem or following habits that worked in the past but may not apply to the current situation)

1. Ignorance

(It is impossible to anticipate everything, thereby leading to incomplete analysis)

2. Error

(Incorrect analysis of the problem or following habits that worked in the past but may not apply to the current situation)

3. Immediate interest

(which may override long-term interests)

1. Ignorance

(It is impossible to anticipate everything, thereby leading to incomplete analysis)

2. Error

(Incorrect analysis of the problem or following habits that worked in the past but may not apply to the current situation)

3. Immediate interest

(which may override long-term interests)

4. Basic values may require or prohibit certain actions even if the long-term result might be unfavourable

(these long-term consequences may eventually cause changes in basic values)

1. Ignorance

(It is impossible to anticipate everything, thereby leading to incomplete analysis)

2. Error

(Incorrect analysis of the problem or following habits that worked in the past but may not apply to the current situation)

3. Immediate interest

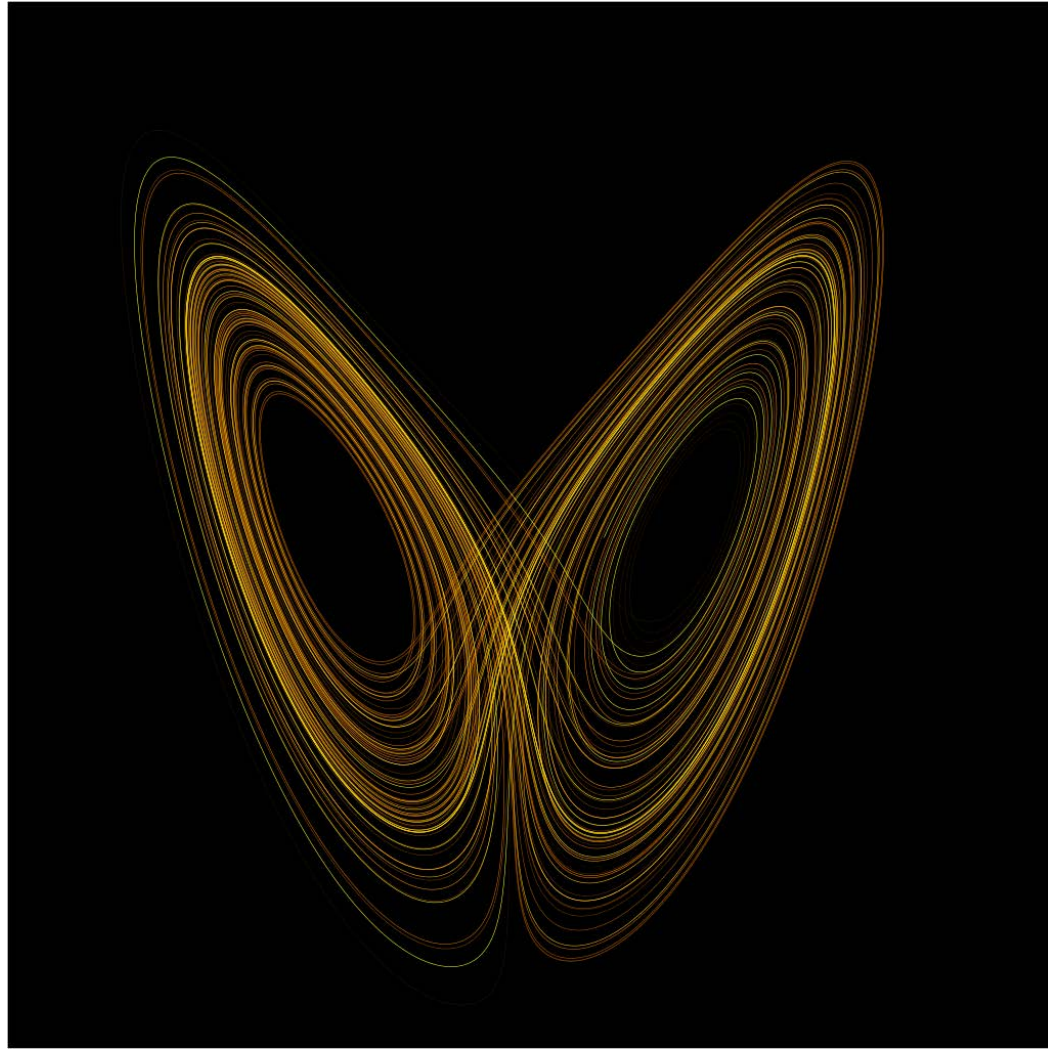
(which may override long-term interests)

4. Basic values may require or prohibit certain actions even if the long-term result might be unfavourable

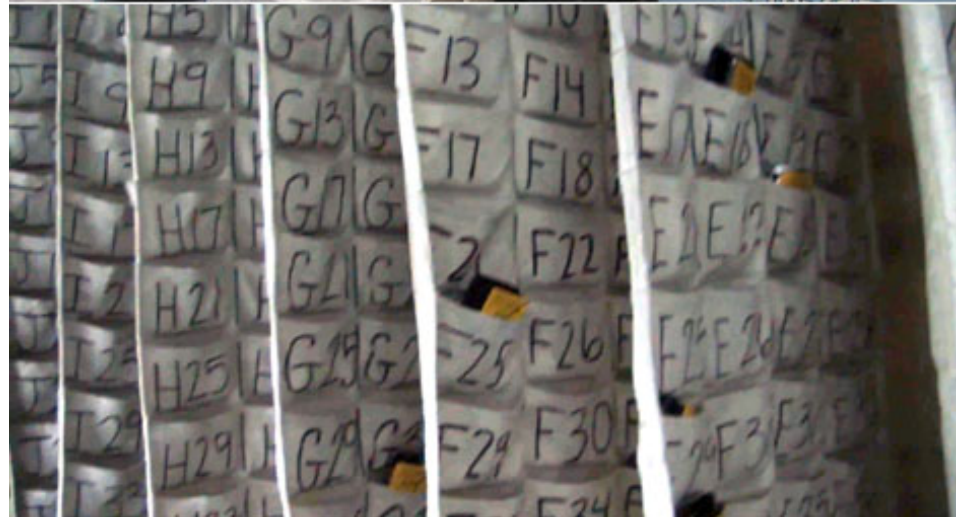
(these long-term consequences may eventually cause changes in basic values)

5. Self-defeating prophecy

(Fear of some consequence drives people to find solutions before the problem occurs, thus the non-occurrence of the problem is not anticipated.)





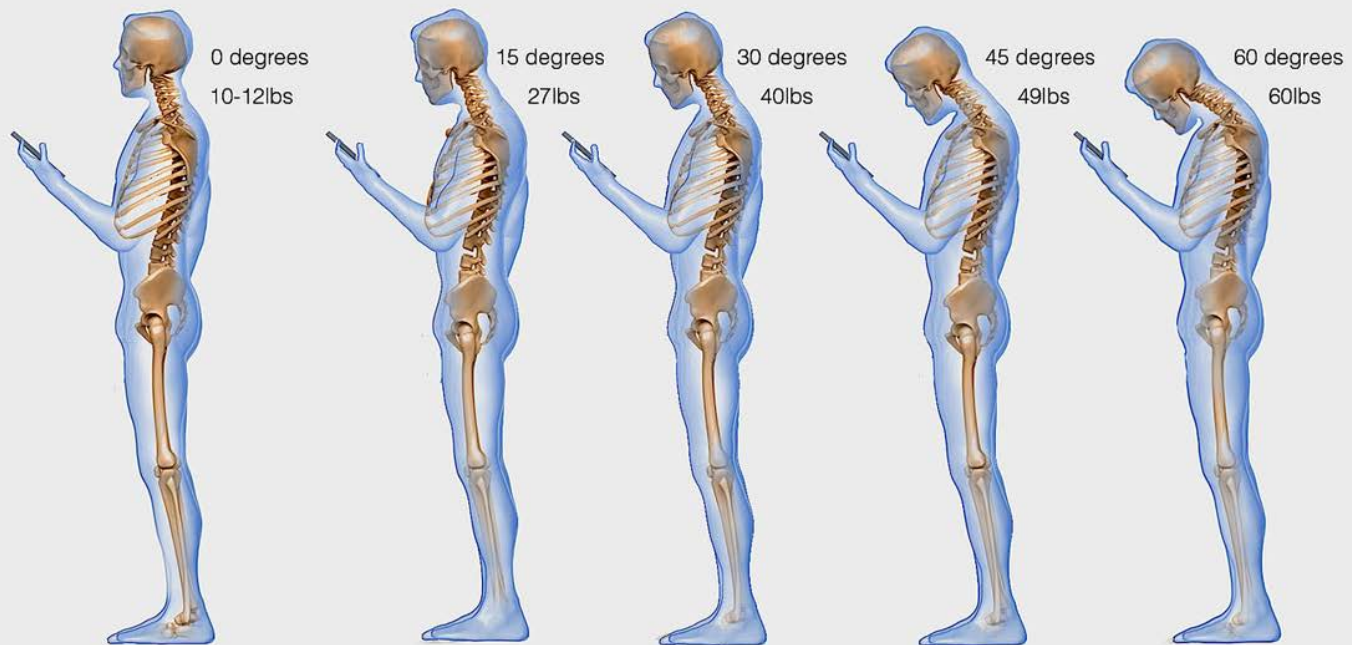


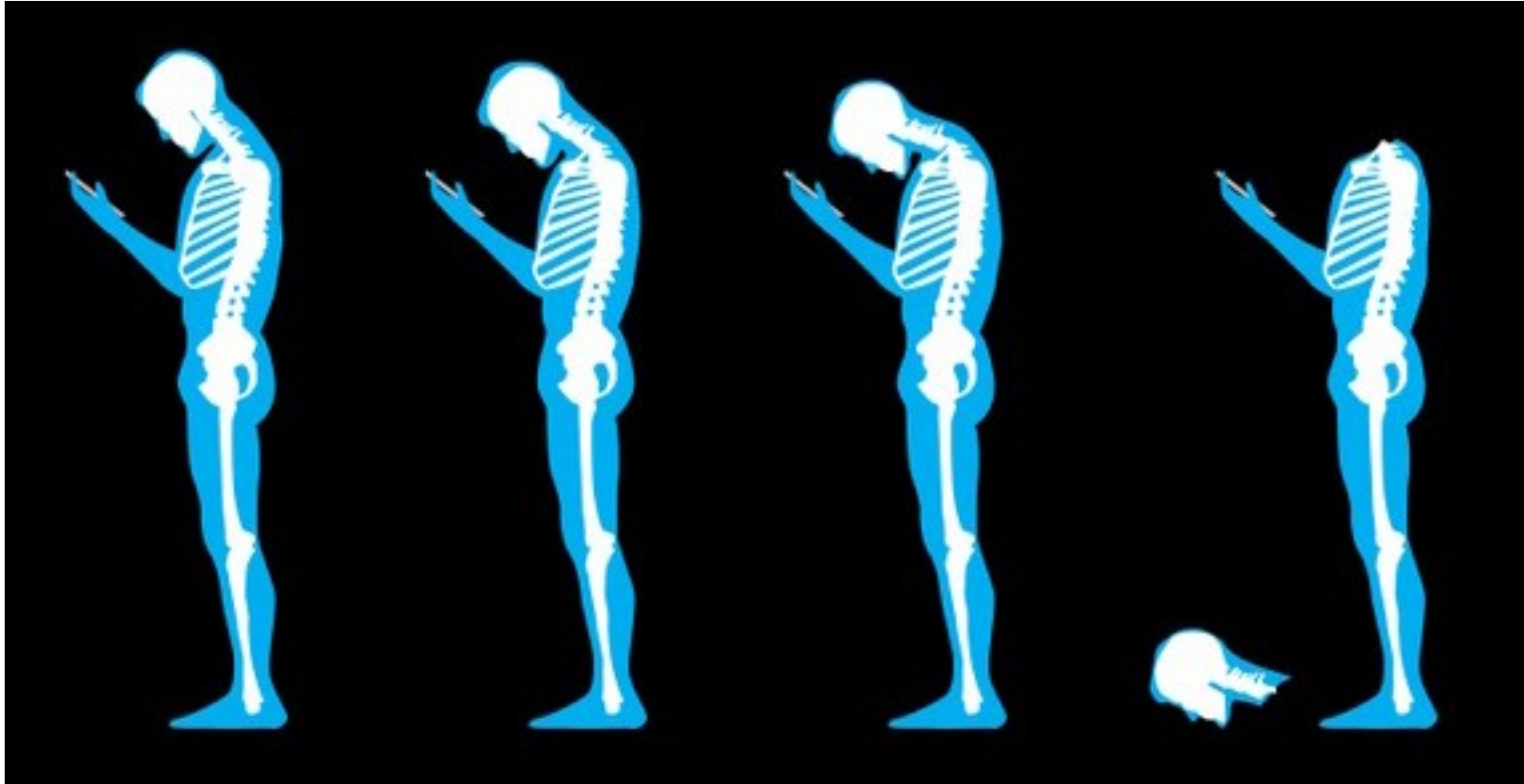












The burden of staring at a smartphone

Effective weight on the spine as forward tilt increases

0° 12lb	15° 27lb	30° 40lb	45° 49lb	60° 60lb
------------	-------------	-------------	-------------	-------------



GUARDIAN GRAPHIC

SOURCE: SURGICAL TECHNOLOGY INTERNATIONAL







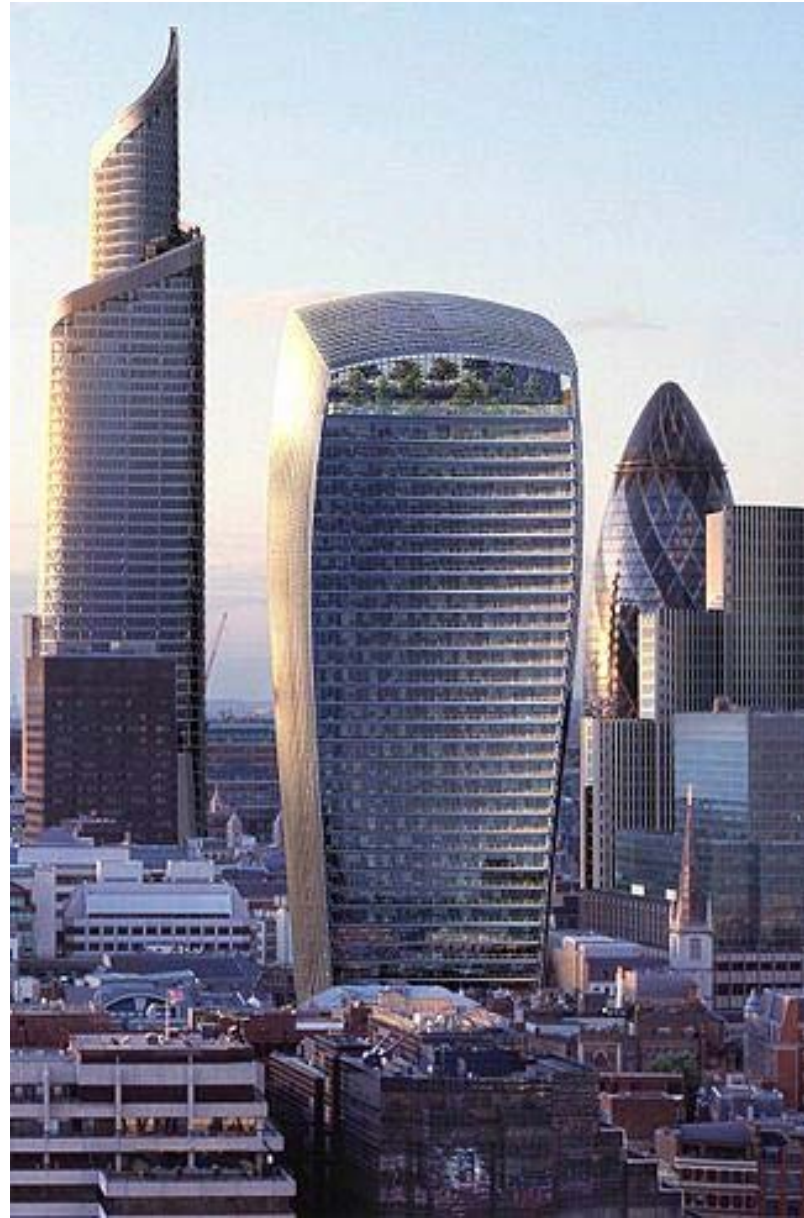




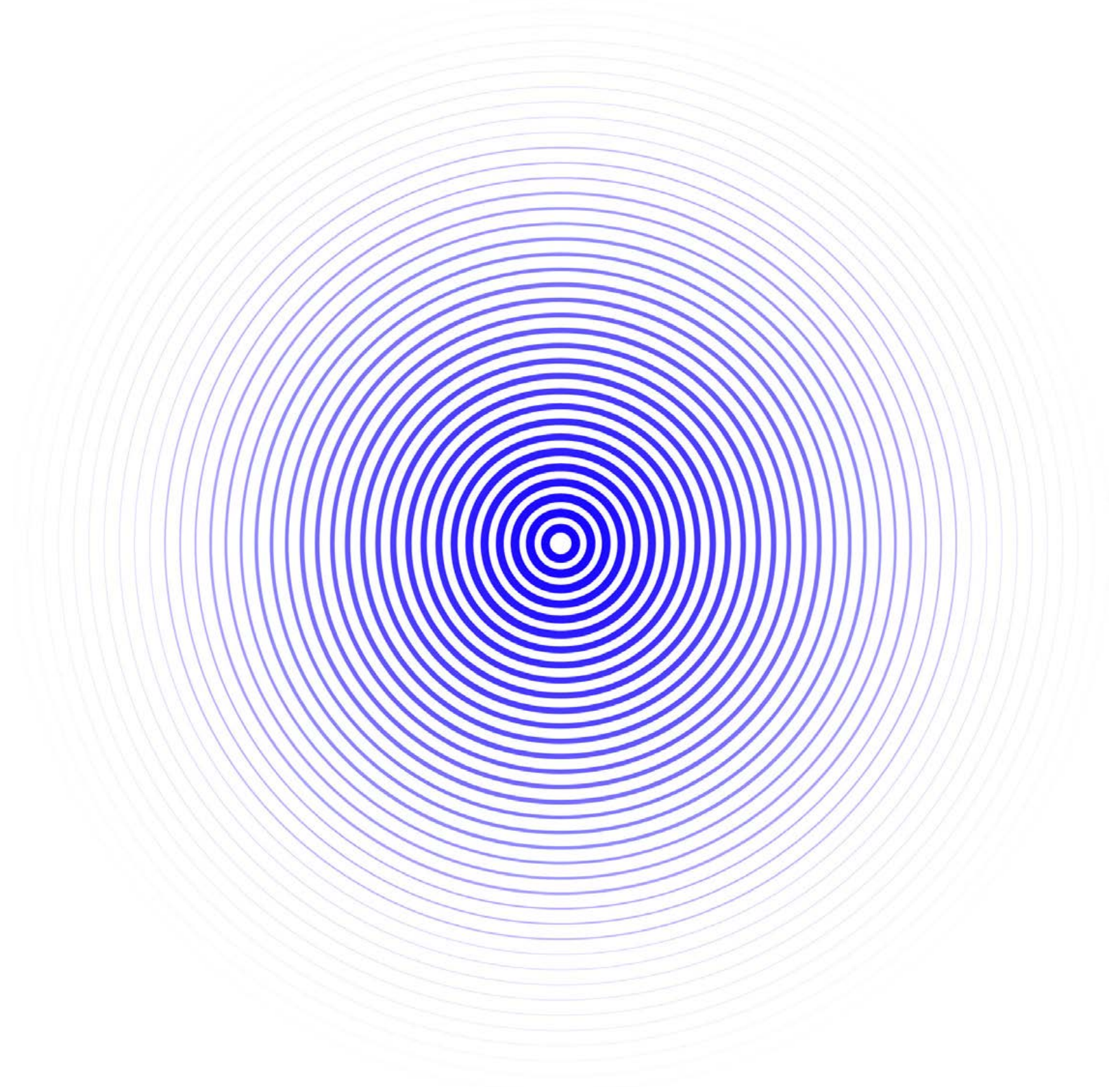


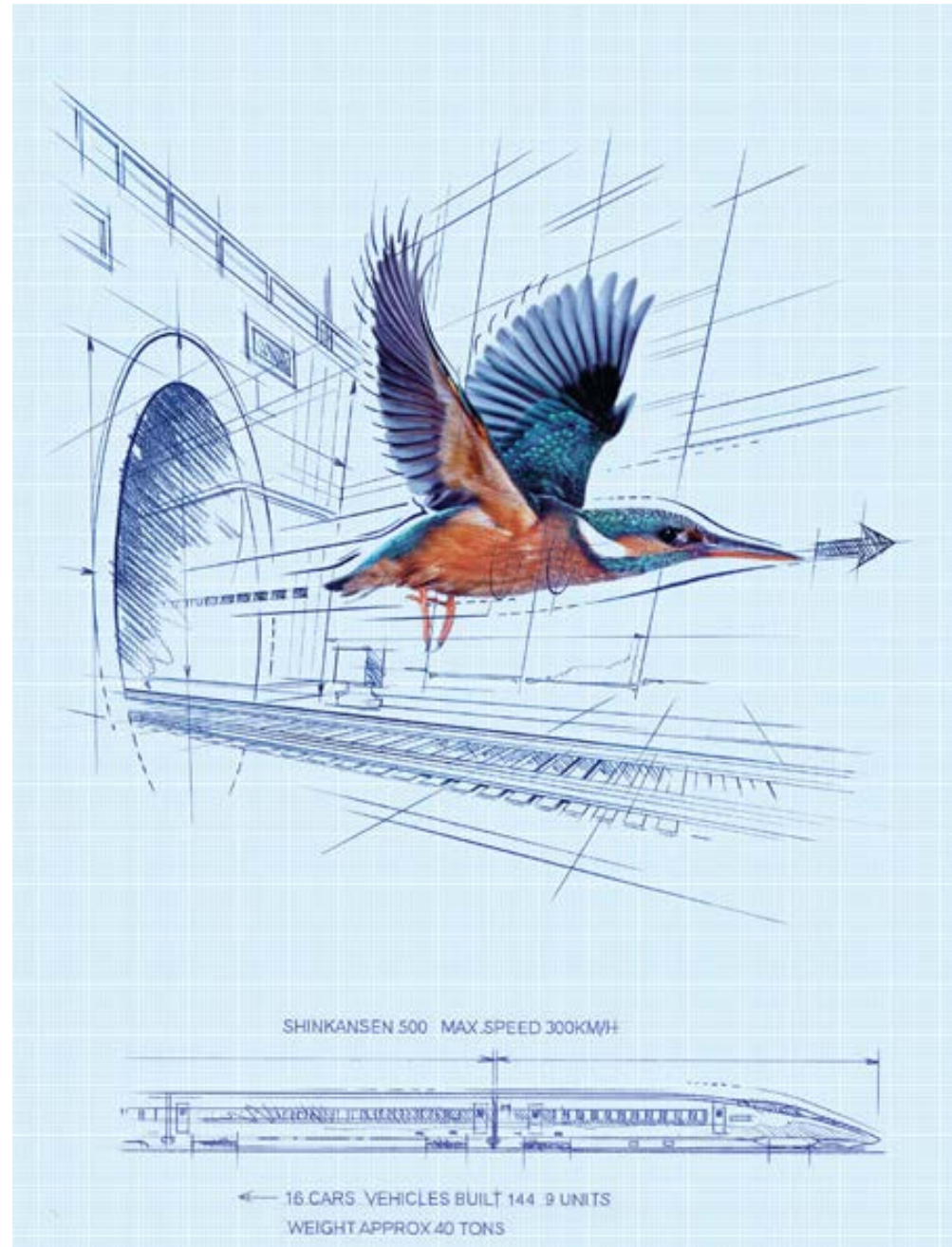


























Or should the title be

**The
Unintended Consequences
of
mankind**

A teacher becomes the student;
anger becomes acceptance;
cancer research becomes a cure for baldness;
a painting becomes a film.

A teacher becomes the student;
anger becomes acceptance;
cancer research becomes a cure for baldness;
a painting becomes a film.

For good or bad, our lives, our work and our art are filled with
'Unintended Consequences'.