## chance favors the prepared mind

—[Louis Pasteur

## strategic foresight and design

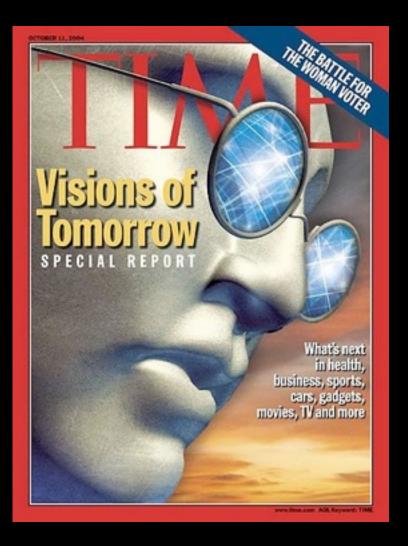
Peter McGrory, Professor of Design Management Aalto University strategic foresight and design this presentation aims to illuminate the vital interface between futures foresight methods, design processes and business management practices. vision is not only the founding idea but necessarily the resolution to ensure its realisation.

Jonathan Ive, Apple Inc

the strategic and operative function of design in business involves ... designing and integrating the form and experiential quality of artifacts i.e. products, services, systems and brands, over time. this includes ... actively participating in the process of creating and shaping business strategy. this includes ... optimizing differentiation according to strategic objectives.

this includes ... making the product, service and brand position visible understandable and desirable. this includes ... designing economically, ethically and ecologically responsible and responsive products, services and systems.





## VISIONS 21 SPECIAL ISSUE THE FUTURE OF TECHNOLOGY

SMART CARS, UPPITY ROBOTS AND CYBERSEX, ARE YOU READY? PLUS: CALEB CARR'S NOVEL

THE SCHOOL DSTING DICKUSH



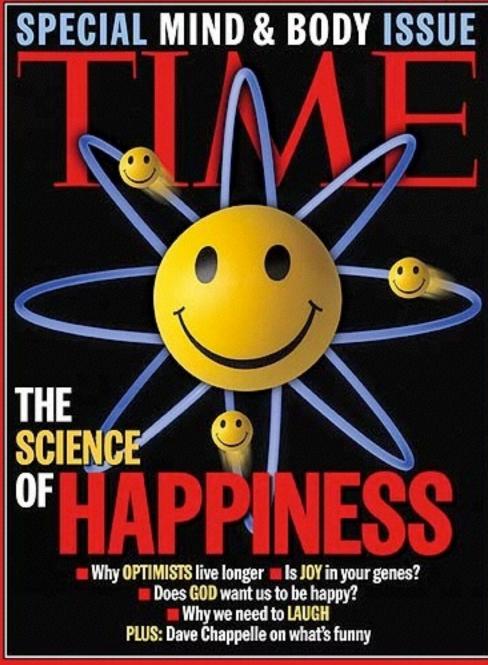




foresight — the human capacity to think ahead, consider, model, create and respond to future possibilities, opportunities and eventualities i.e. to design the majority of our in present actions are guided by our interpretation of the past, as well as in anticipation of, and aspiration for the future. the essence of design and business strategy — lies in the organizational capability to acquire, create, accumulate, share and exploit the individual and collective knowledge, skills, imagination and culture of people, both within and available to an organization.

design management — involves the strategic and operational use of the design resources within and available to an organisation towards the creation and attainment of business or organisational objectives. the economic value of design in business includes maximising return-on-investment, whilst minimising or optimising risk. JANUARY 17. 2005

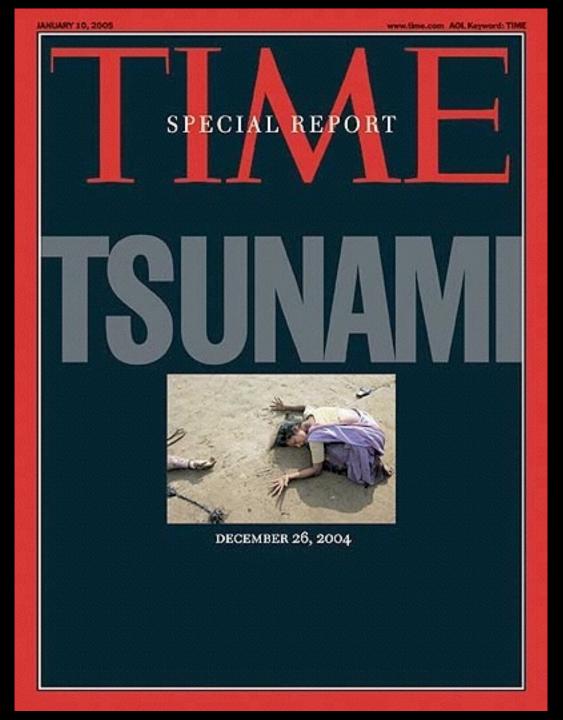
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wildcards — sudden or unique incidents that can constitute significant turning points in the evolution of certain tendencies e.g. trends, paradigms or systems









signal (information theory) a signal is a flow of information. most signals of interest can be modeled as functions of time and position incl., their degree of possibility, probability, propensity — weak vs. strong (impact), ephemeral vs. eternal (duration) etc.

weak signal — a foresight concept that may be defined as an indicator of impeding change built on a base of internal or external environmental raw data or premature or imperfect information i.e conjecture. conjecture — inference or judgment based on inconclusive or incomplete evidence i.e. 'guesswork' (haunch, intuition) or 'speculation'

keep-in-mind — the majority of our in present actions are guided by our interpretation of the past, as well as our anticipation of, and aspiration for the future (that's why it's more likely to think inside the 'box')

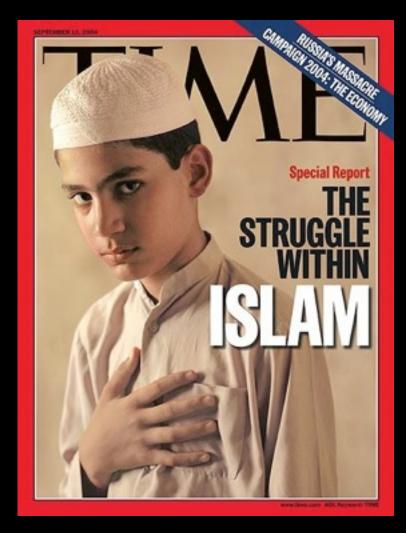
trend (mega, micro, visual or otherwise) — a line of general direction or movement; a prevailing tendency or consistent pattern over time: how-long? (occurring over decades, years months or weeks) and how far? (local, regional, global).

## examples of mega-trends include ...

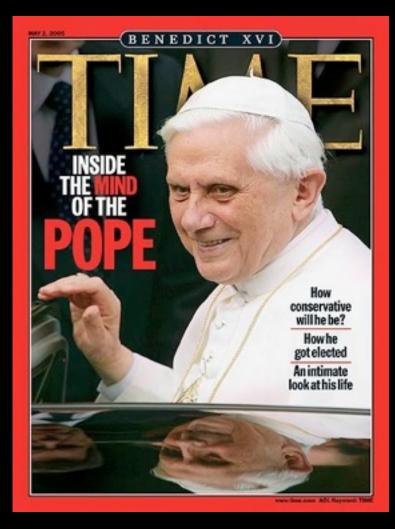
tribalism — the desire for group identity, in particular national and religious identity have become more prominent in recent years (ref.: the current Presidential election in Finland)



ALL ACC. Revenue TIME







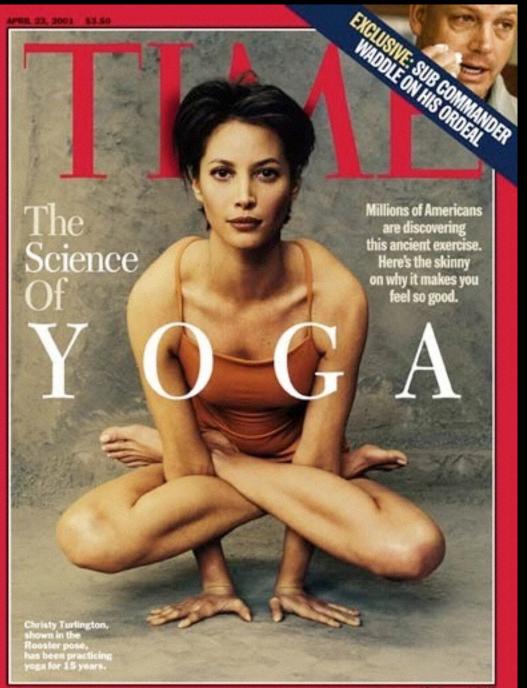


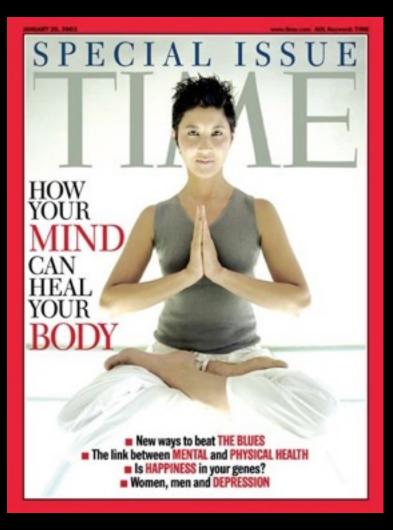


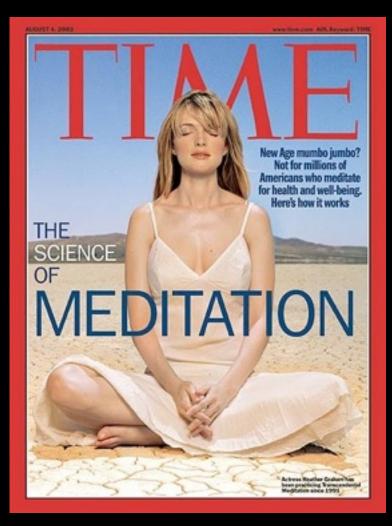
anchoring — a search for a lifeline to cling to in the face of change, and answers the big questions of life.

consequence: a greater openness to spirituality, rather than formal religion

spirituality — a search for meaning outside of, and beyond materialism spirituality — the search for meaning and the rise of ethics as part of people's decision-making, e.g. the advent of 'ethical consumerism'

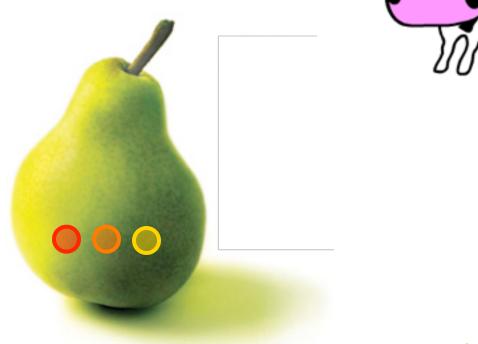








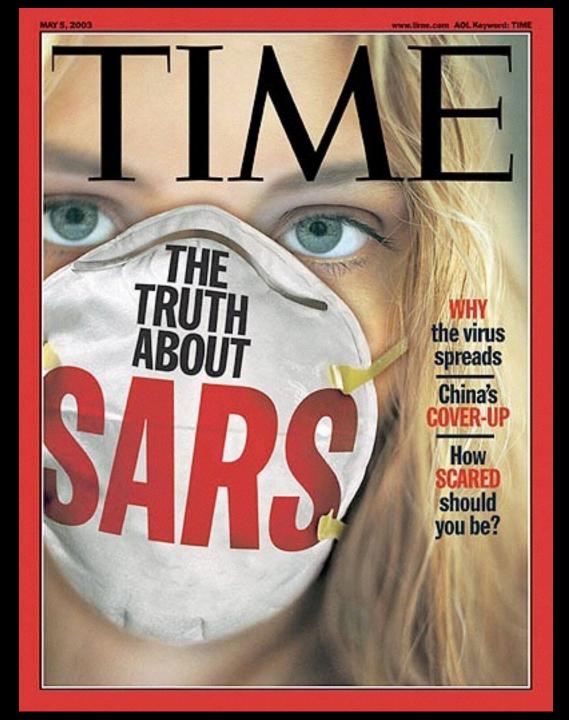




www.ripesense.com

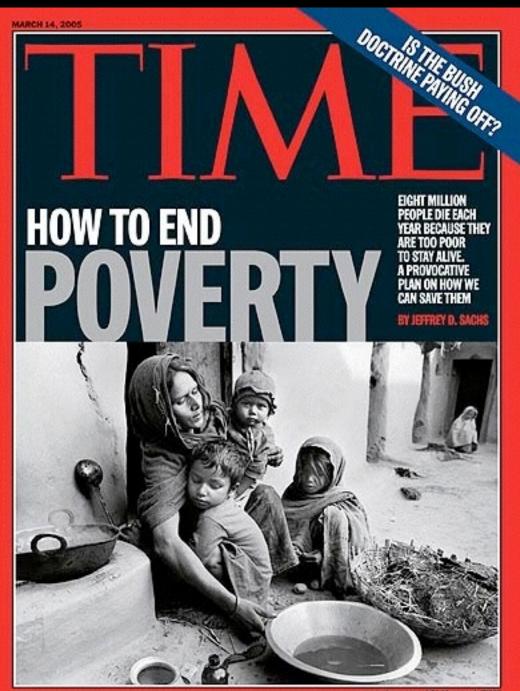
www.innocentdrinks.co.uk

wild(ish)card





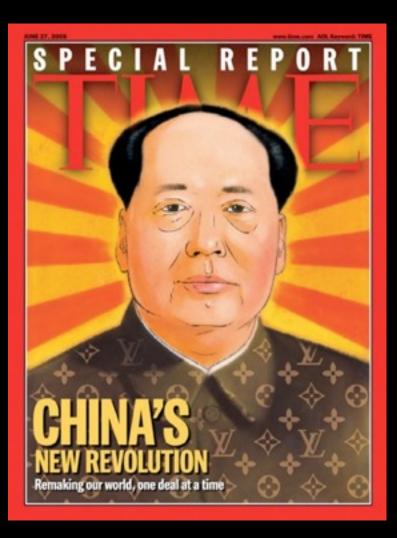
## invariance's — strong or otherwise



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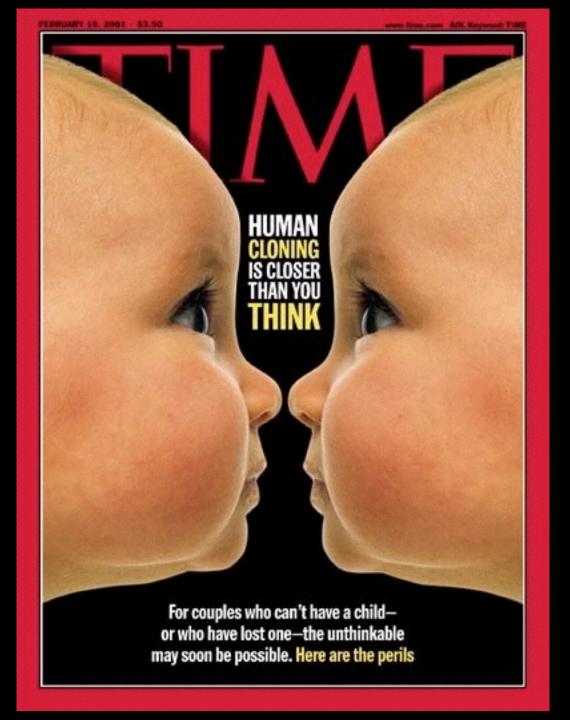




cashing out — working women and men, questioning personal career satisfaction and life goals, focus on family and new adventures down-seizing — freeing quality time through highly efficient working and service practices every second counts — the hectic time-squeezed nature of life, the perceived need to fill time productively and the fear of wasting time

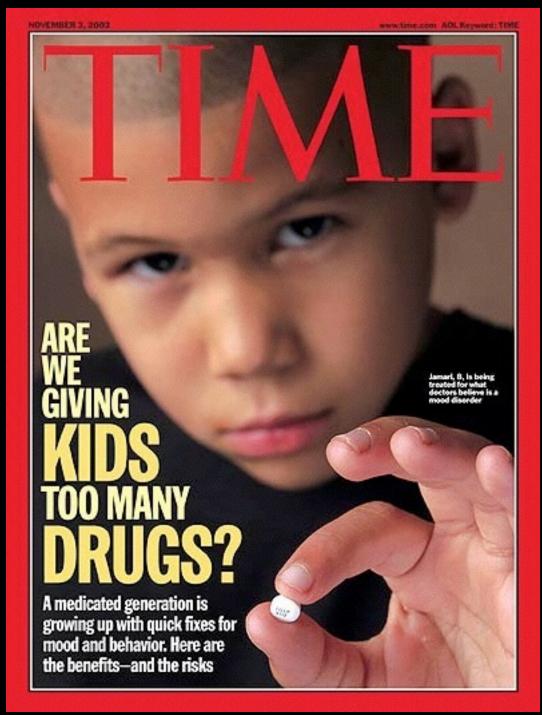








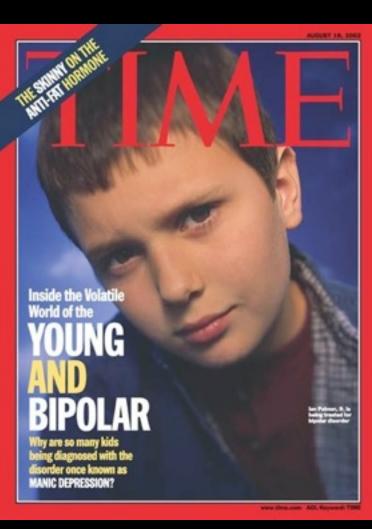




## What DIVORCE Does to KIDS

THINNES

New research says the long-term damage is worse than you thought. Should unhappy parents stay hitched?



upaging — growing up fast: the compression of the childhood years and the acceleration towards an adult life

**TWEEN** A child between middle childhood and adolescence, usually between 8 and 12 years old.

ETYMOLOGY: Blend of teen 13-19, and between



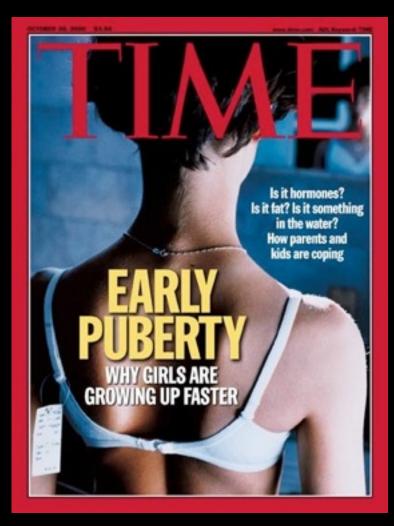
upaging

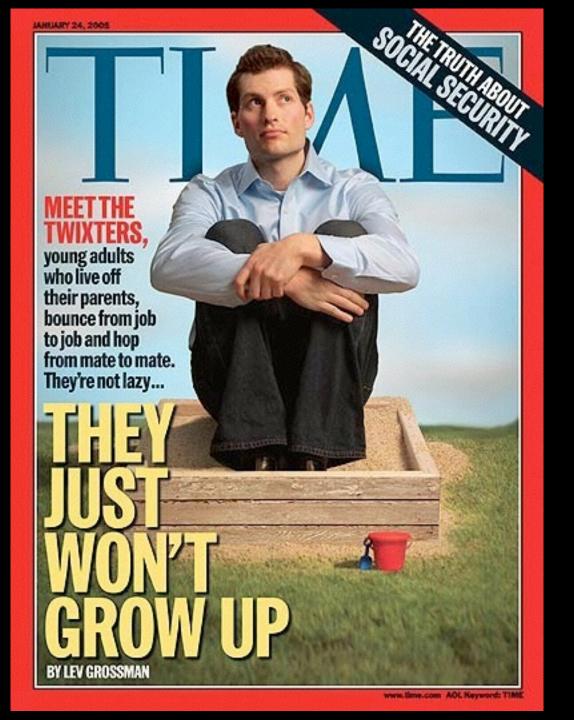




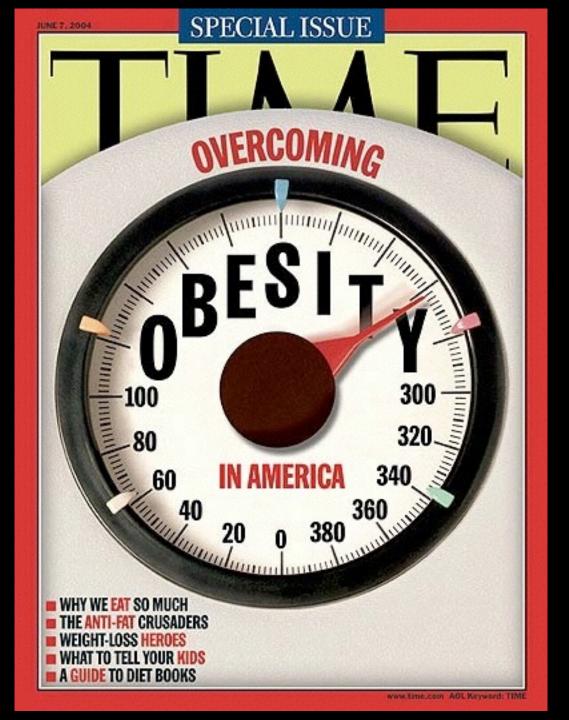


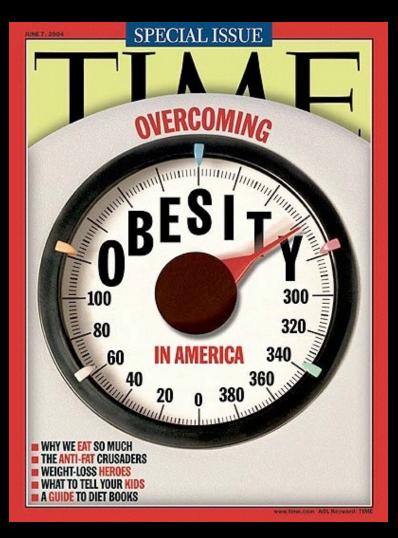




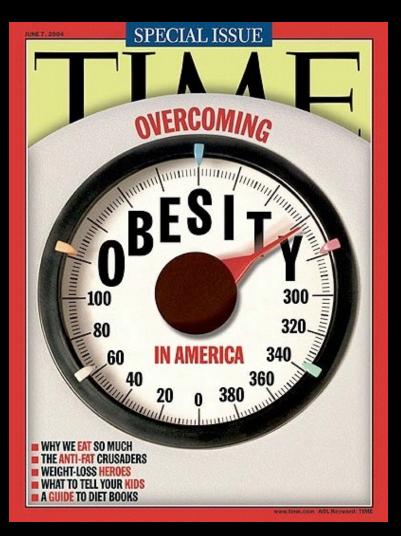


pleasure revenge — a willingness to pursue pleasure in a way that is contrary to health-consciousness small indulgences — people rewarding themselves regularly in small everyday luxuries











APRIL 28, 2003

## IRAQ: INSIDE THE OCCUPATION / THE SEARCH FOR SADDAM

## WOMEN & HEAR DISEASE

Is your biggest worry breast cancer? Think again. ONE OUT OF THREE women will die of heart disease. What you can do to protect yourself





NAME AND ADDRESS OF TAXABLE PARTY.

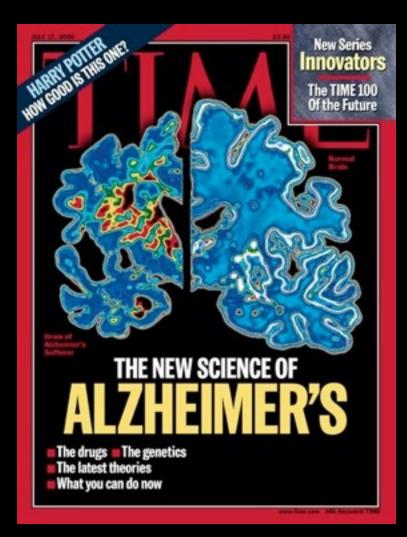
ASD



down aging — staying alive, the desire for good health and longevity creates a new way of life being alive — not just staying alive (longer), but enjoying a high quality of life and living staying alive — the aging of the population and people's desire to live full active lives for all their years

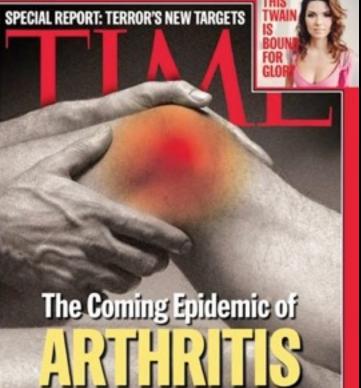






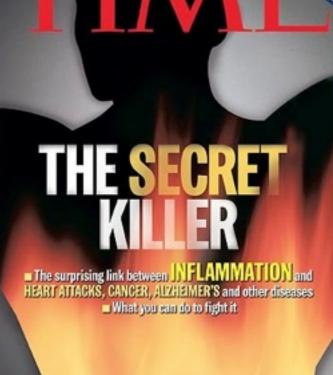






THE BAD NEWS: Research shows that the disease starts attacking your joints long before middle age

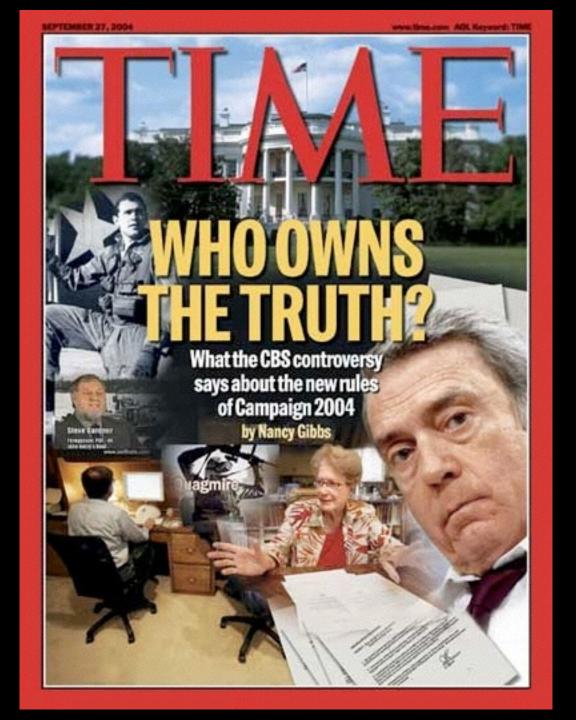
THE GOOD NEWS: The latest treatments are more effective than ever



IS DISNEY MOUSE PARTY



fear — the mistrust and suspicion of authority and large institutions, in particular governments and corporations



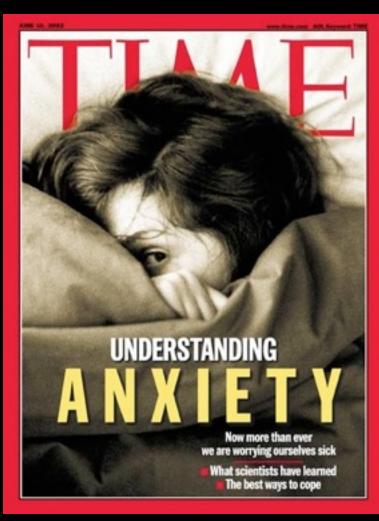






## How Sticky Will It Get?





## What Scares YOU?

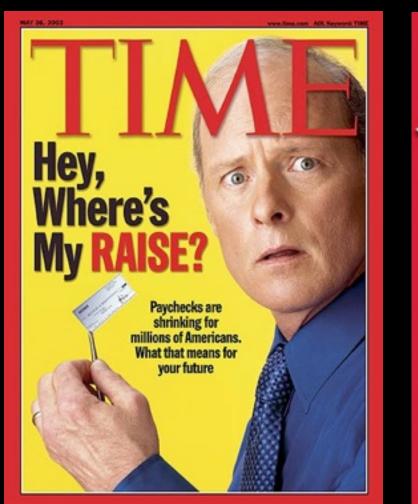
INSIDE McCAIN'S WAR

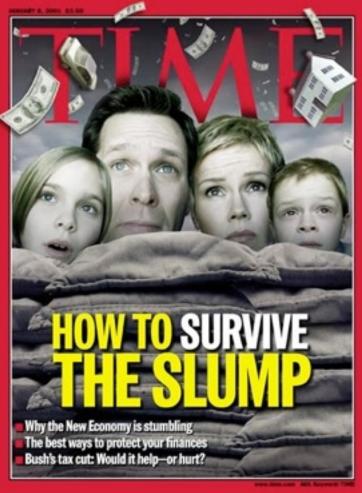
KIDS BULLYING KIDS

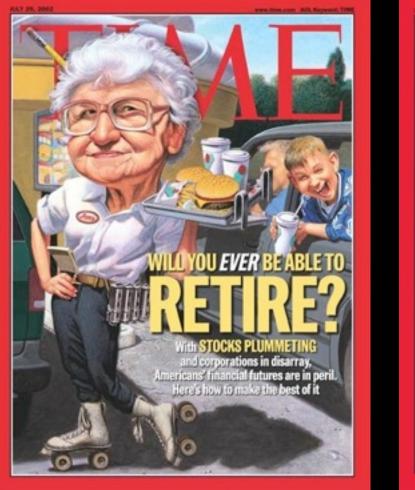
Don't be afraid to read about the promising new cures for hundreds of PHOBIAS

EARLY MAN

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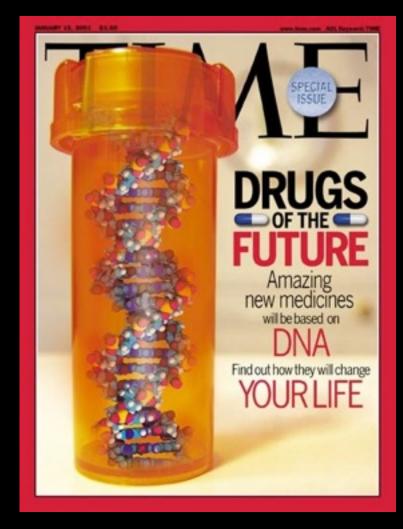












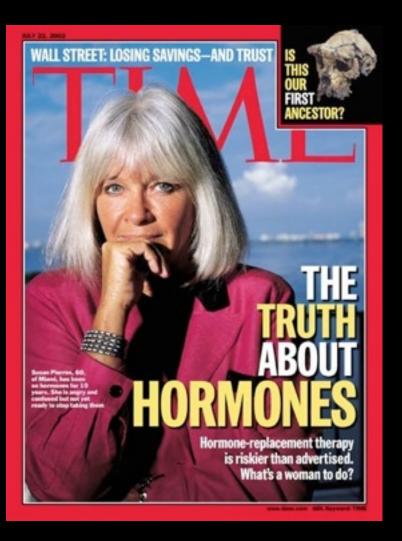
hedonism — guilt free indulgence, hedonistic consumption and the search for new or authentic experiences



feminisation — the changing role of men and women, the blurring of gender boundaries and the ascendancy of values and behaviours traditionally considered as female.



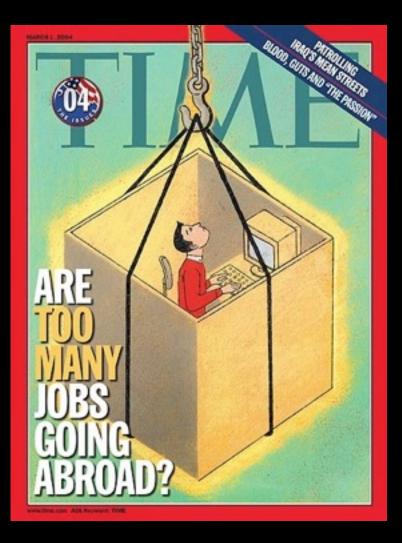


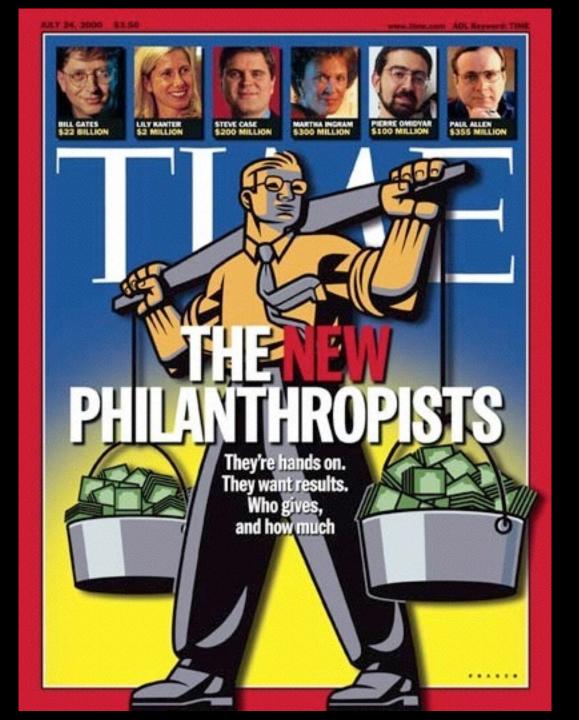




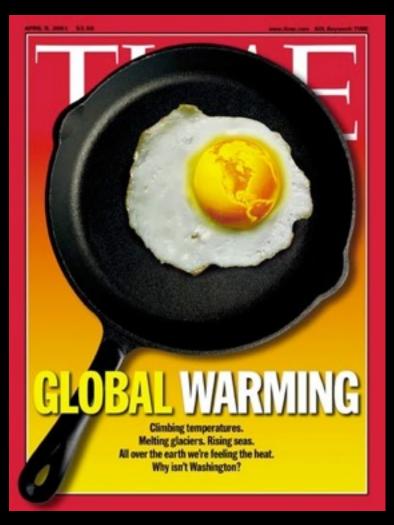








save-our-society sos — the me generation finds a social conscience and discovers ethics, passion and compassion











fusion — the mixing of values and styles from different cultures



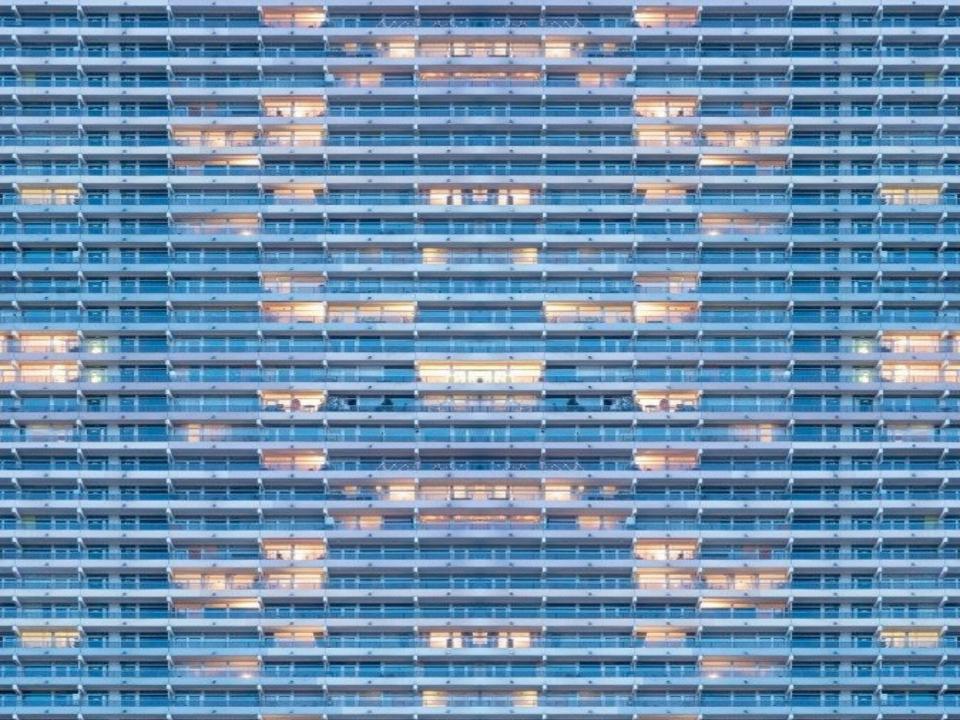






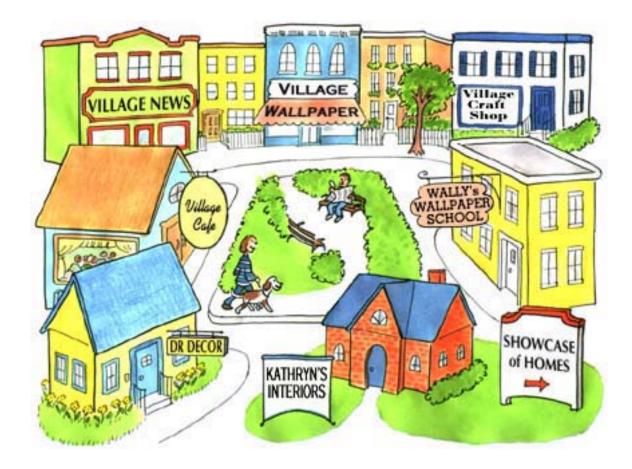


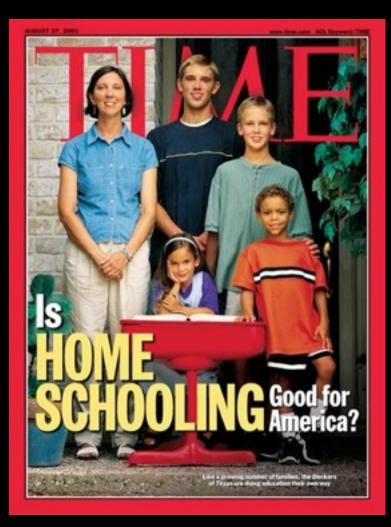
cocooning — our desire to build ourselves strong and cozy nests, where we can retreat from the world, enjoying ourselves in security and comfort e.g. in our homes, summer homes, cars, boats etc.













individuality — the search for opportunities for self-expression incl., fantasy adventure

individuality — peoples desire to express their personality and tastes and the increasing difficulty of classifying people as members of market segments based on demographic measures.



JUNE 23, 2003

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the same time with the party of

#### expert driven ... e.g. brand futurist

#### trends incite creativity and change ...

# ... creativity and change incite trends

### trends are ...

temporal — of, relating to, or limited by time. ephemeral or temporary i.e. lasting only for a short time e.g. fads or visual trends v.s. longer (often deeper) socio-cultural or demographic trends, but not eternal! cultural — of or relating to culture. values, beliefs, attitudes, assumptions and behaviors which are shared by individuals (organizations and institutions). cultural — builds through experience and the expectation of further positive experience(s. conceptual — of or relating to concepts or mental conception.

concept — a general idea, or set of ideas, derived or inferred from specific instances or occurrences i.e. what to? and where to i.e. context? concept — a general abstract notion that has to be carried out by means of an idea or (typically) set of ideas. contextual — of, involving, or depending on context. the circumstance, condition or climate in which an event or activity occurs; temporally, spatially, spiritually, or otherwise.

#### the best way to create the future

the best way to create the future is to believe in something

the alternative ?

the alternative ? ... believe in nothing!

the alternative ? ... believe in nothing! see how far that gets you

#### no wind favors he who has no destined port

---[Montaigne

## the best way to predict the future is to plan it

-[Peter Druker

### we may never know enough to take the chance worth taking

-[John Maynard Keynes

things always happen that you really believe in, and the belief in a thing makes it happen

-[Frank Lloyd Wright

#### well done, is better than well said

—[Benjamin Franklin