

# M12'S BRAIN TAI CHI

MEDSTAR INNOVATION FORUM - NOV. 19, 2019

TAYLR JESINGER

ONCE YOU KNOW, YOU BREAK THE SPELL... ILLUSIONS REVEAL UNIVERSAL TRUTHS

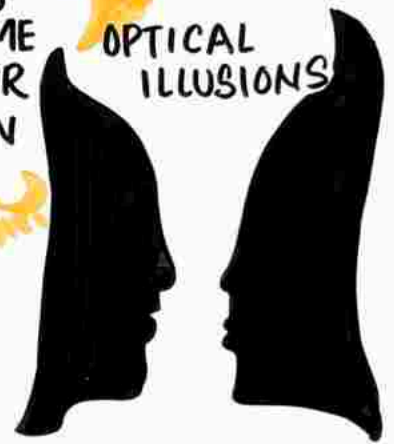
"MORE COWBELL"

BRAIN TAI CHI



TO PRIME YOUR BRAIN

OPTICAL ILLUSIONS



## THINK DIFFERENTLY

REGARDLESS OF SIZE, WE ALL HAVE THE SAME NUMBER OF HEART BEATS IN OUR LIFETIME

MONALISA

ILLUSION OF DEPTH



HERE EYES FOLLOW YOU

OUR BRAIN MAKES SENSE OF WHAT WE ARE MOST FAMILIAR WITH

ONCE YOU SEE, YOU CAN'T UNSEE IT



FEDEX LOGO

IMPOSSIBLE

PERSPECTIVE

TIME & MEMORY

# JUMPING RIGHT IN + WELCOME

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MARK SMITH - STEPHEN EVANS

WHO ARE YOU GOING TO CONNECT WITH?

#MI2FORUM



ENTER THE WORLD OF  
POSSIBILITY &  
INNOVATION

MAKE MEDSTAR THE  
SAFEST HEALTH CARE SYSTEM  
IN THE NATION

I INVITE YOU TO  
SOAR



WE ARE ALL  
HERE AS PEERS!

INNOVATION IS ABOUT  
DOING AND  
THINKING



TODAY IS ALL  
ABOUT LEARNING  
& CONNECTION



HELPS US APPROACH  
CHALLENGES  
DIFFERENTLY

8:07 ON  
A TUESDAY



YOU  
SHOULD  
DO THAT!

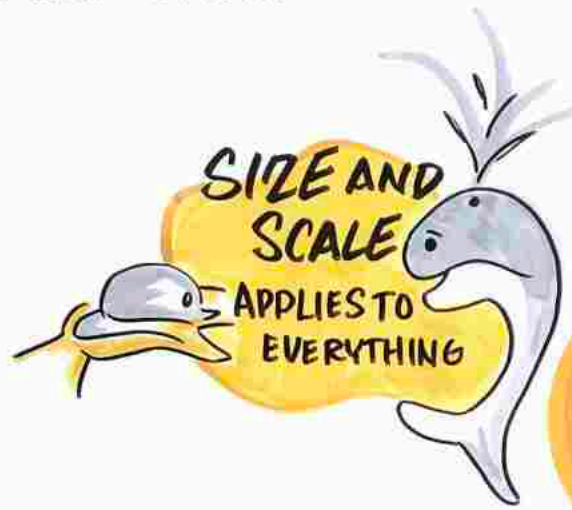


# WHY SCALE

A JOURNEY ACROSS  
NUMBER, SIZE, SPACE & TIME

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MARK SMITH



WHEN THE  
END IS ONE,  
IT'S ALL OR  
NONE

THE ONE,  
THE FEW  
AND THE  
MANY



CONSCIOUSNESS IS AN  
EMERGENT  
PHENOMENON

$\pi \times \text{RADIUS}^2 = \text{AREA OF A CIRCLE}$   
UNIVERSALLY  
INVARIANT

THE WHOLE  
IS MADE UP OF  
MANY

WHAT WE GET IS  
**MAGIC**



# ON CITIZENS & SCIENCE

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ANNE BOWSER

APRIL 22, 2020

CITIZEN SCIENCE  
EARTH DAY 2020  
50TH ANNIVERSARY

EARTH DAY  
NETWORK

THE FUTURE IS IN THINKING  
ABOUT SYSTEMS

PLANTS

AIR QUALITY

CLIMATE CHANGE

DRINKING WATER

INSECT POPULATION

FOOD SUPPLY

ALL PROBLEMS  
ARE LOCAL AND  
GLOBAL

GLOBAL

ALL  
PROBLEMS  
ARE  
SYSTEMS  
PROBLEMS



INVOLVE  
PUBLIC  
IN SUBMITTING  
DATA

WE WANT A  
REUSABLE  
INFRASTRUCTURE  
AND GO BEYOND

CIVIC  
EDUCATION

WHAT YOU CAN DO  
TOOLKIT



"PURPLE  
AIR"

*[Handwritten signature]*

# THE NEXT 10 WIKIPEDIAS

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BEN SHNEIDERMAN

NEVER BEFORE POSSIBLE AT SCALE!

AMPLIFY  
AUGMENT  
ENHANCE  
EMPOWER  
PEOPLE



MOBILIZE AND  
ENSURE QUALITY

STRATEGIES  
FOR VALIDATING  
DATA

PEOPLE CARE ABOUT DATA!

TRUSTED  
RELIABLE  
SAFE

ALL USERS

READERS

CONTRIBUTORS

COLLABORATORS

LEADERS

WIKI-MANIA  
CONFERENCE

SOME PAGES  
ARE LOCKED

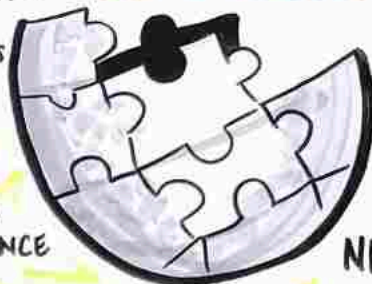
5% OF EDITS  
ARE VANDALISM

MOST ARE CLEANED UP IN  
2 MINUTES

REVERT  
WARS

BREAK DOWN AND  
BUILD  
CONNECTION

IT'S ALL  
OPEN!



SIZE

COHESIVENESS

CONNECTEDNESS

NEUTRAL P.O.V.  
IS ESSENTIAL

THE "TALK" PAGES  
HAVE MORE CONTENT

EDIT

HIERARCHY

PARTICIPATORY  
NETWORK

CONTROL

PLANOPEDIA

HEROPEDIA

THINK  
BEYOND?

SOCIAL STRUCTURE  
AND VISION

WIKIMEDIA

YELP

CITSCIPEDIA

MEDI PEDIA

23 & ME

INTELLIPEDIA

MEDSTAR-PEDIA

ASTROPEDIA

SENSORPEDIA

BIZOPEDIA



# THE POWER OF ONE:

MY ENCOUNTER WITH THE DALAI LAMA  
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ELENI TOUSIMUS

WOMEN ARE THE LEADERS OF THE FUTURE - INNATE CAPABILITIES  
ABILITY TO INSPIRE OTHERS TO BE THEIR BEST SELVES



ONE PERSON CAN CHANGE A LIFE

BENEFITS OF MEDITATION



HE CARES THAT YOU HAVE A GOOD HEART AND A GOOD BRAIN



USE YOUR HEART AND KNOWLEDGE

PRESERVATION

HARMONY

HOW CAN PHYSICIANS MAINTAIN COMPASSION?

PEACEFUL MIND CAN IMPROVE PHYSICAL PAIN

ENCOURAGE OTHERS TO BE HAPPY

ROCKSTAR FOR PEACE

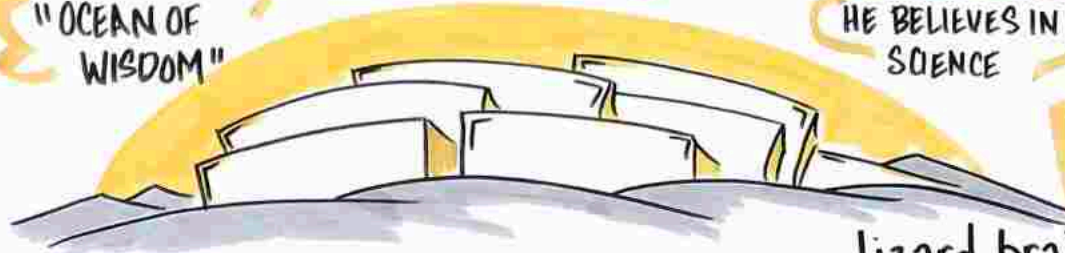


MORNING MINDFULNESS  
HIGHEST PATIENT SATISFACTION

"OCEAN OF WISDOM"

HE BELIEVES IN SCIENCE

PEOPLE PATIENTS PLANET



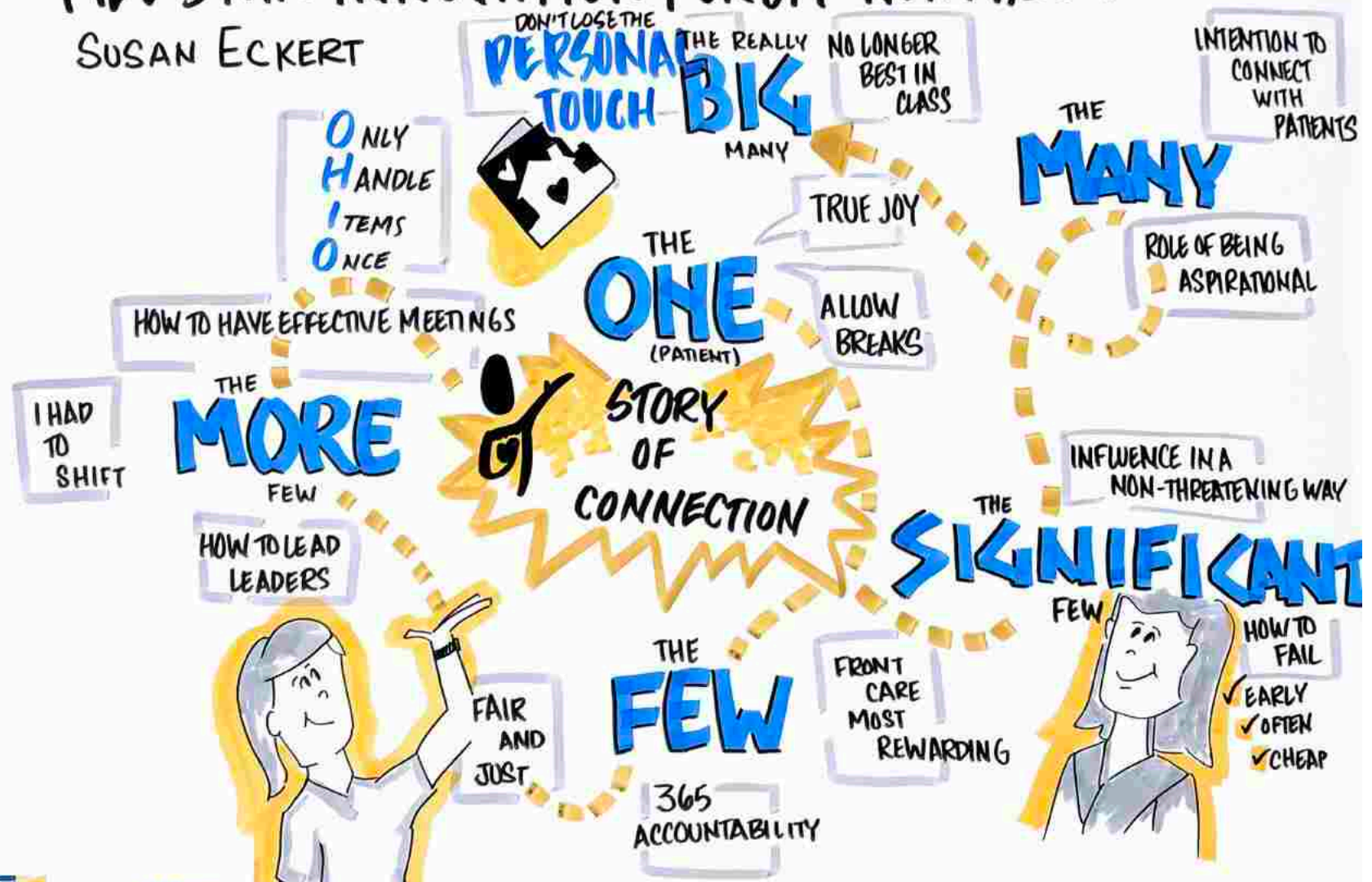
lizard brain · l.green



# HOW DID I ARRIVE AT THIS DESTINATION?

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SUSAN ECKERT



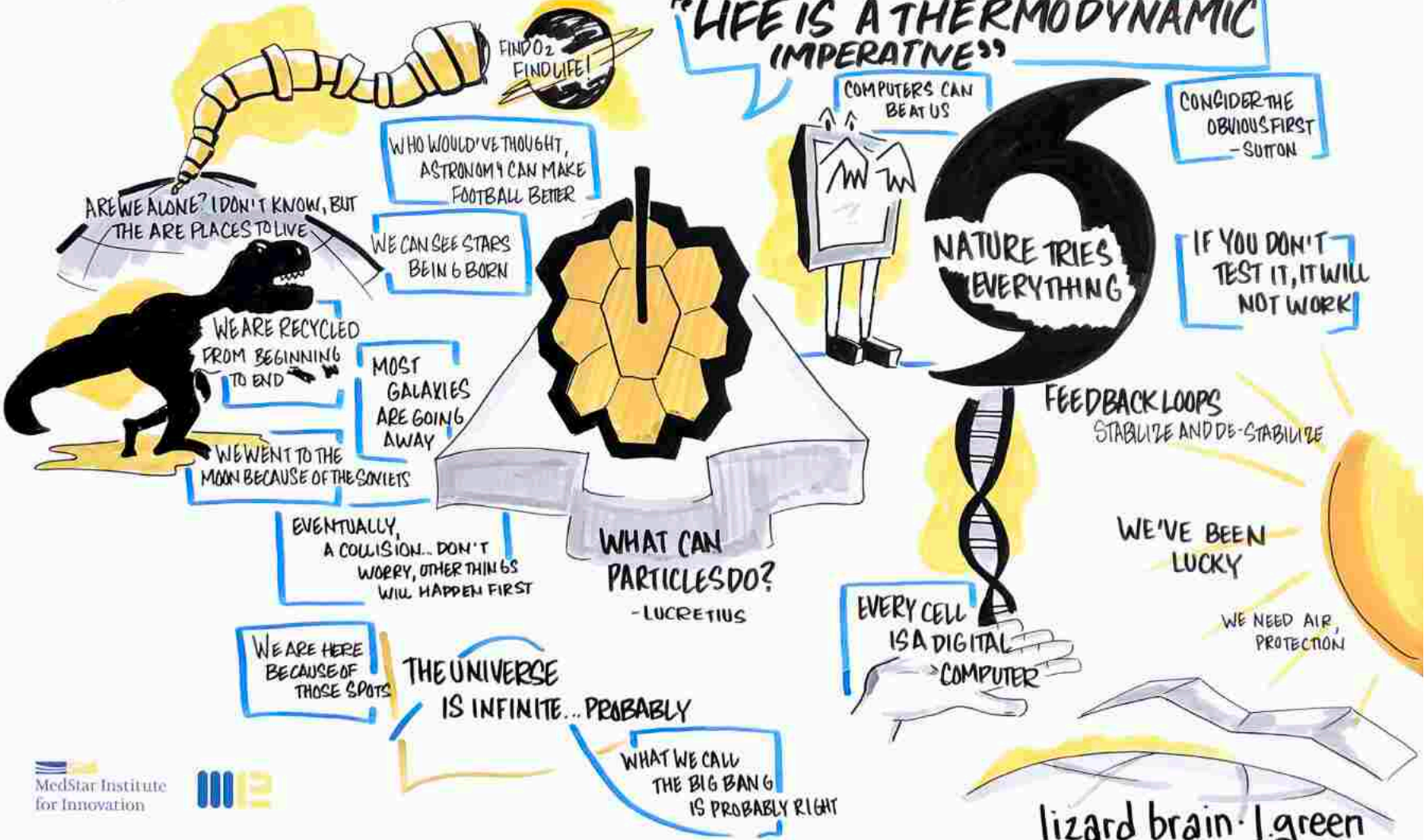
# INSTABILITIES EVERYWHERE

FROM THE BIG BANG TO LIFE

JOHN MATHER - NOV. 19, 2019. MEDSTAR INNOVATION FORUM

MEDSTAR IS A LIFE OF ITS OWN

"LIFE IS A THERMODYNAMIC IMPERATIVE"





# THE MATHEMATICS OF GROWTH

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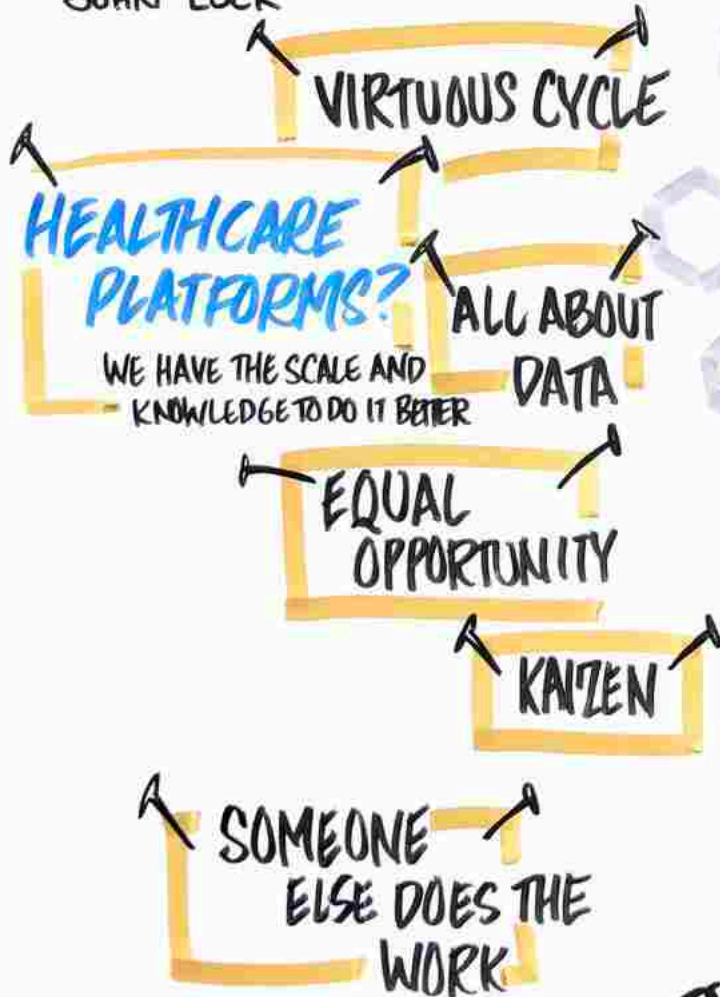
AMI GATES



# THE POWER OF PLATFORMS TO CREATE SCALE

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JOHN LOCK



NETWORK EFFECTS

MORE DRIVERS

MORE PASSENGERS

PROGRESSIVE IS LEARNING ABOUT YOU TO CREATE STRATEGY

WE CONSUME THROUGH THE PLATFORM

ORIGINALLY, NO ONE "OWNED" ANYTHING



VALUE

PRODUCER

CUSTOMER

WHAT IS A PLATFORM?



lizard brain · l.green

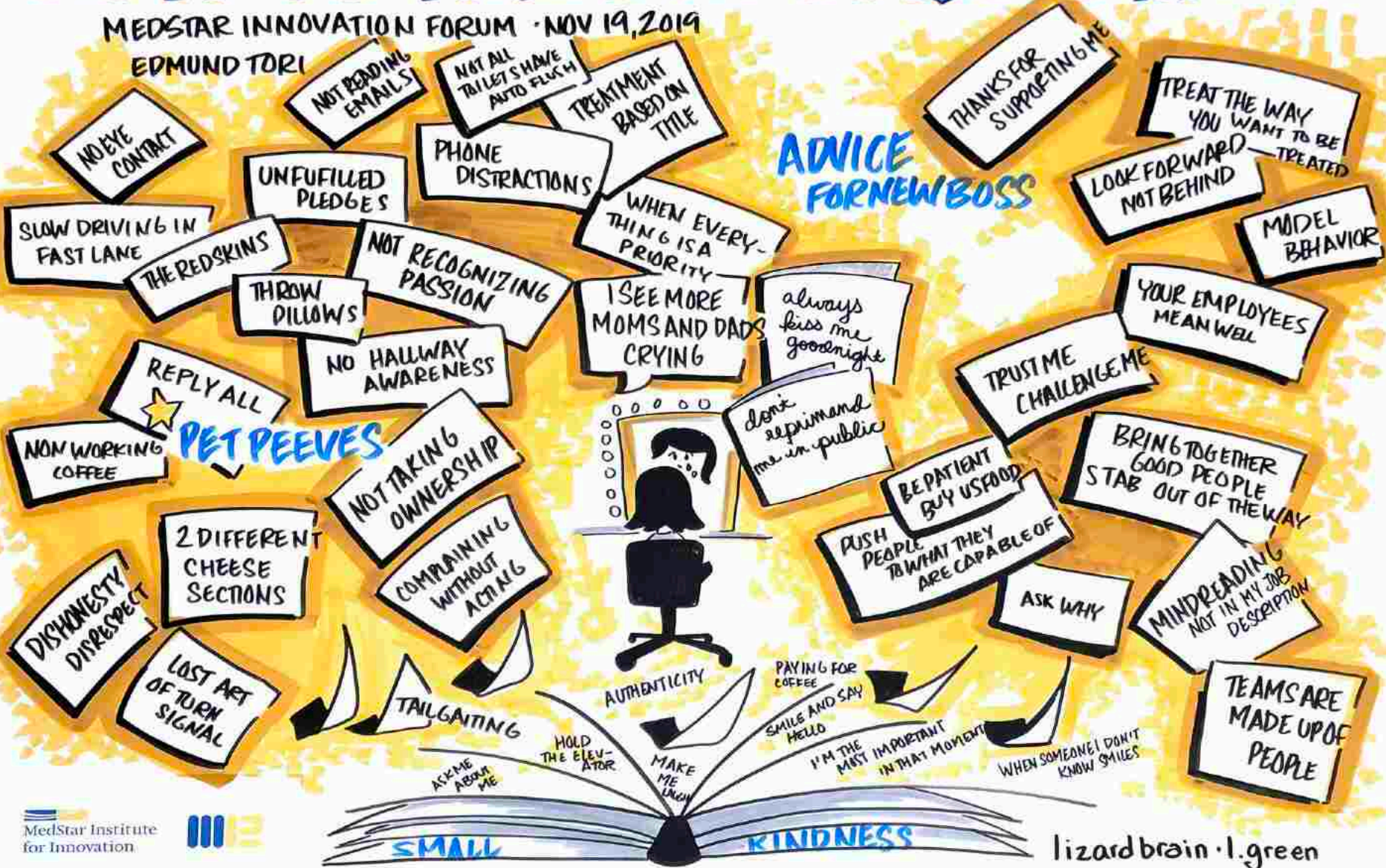
# HOW TO WRITE A BOOK IN 14.7 MINS

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EDMUND TORI

## ADVICE FOR NEW BOSS

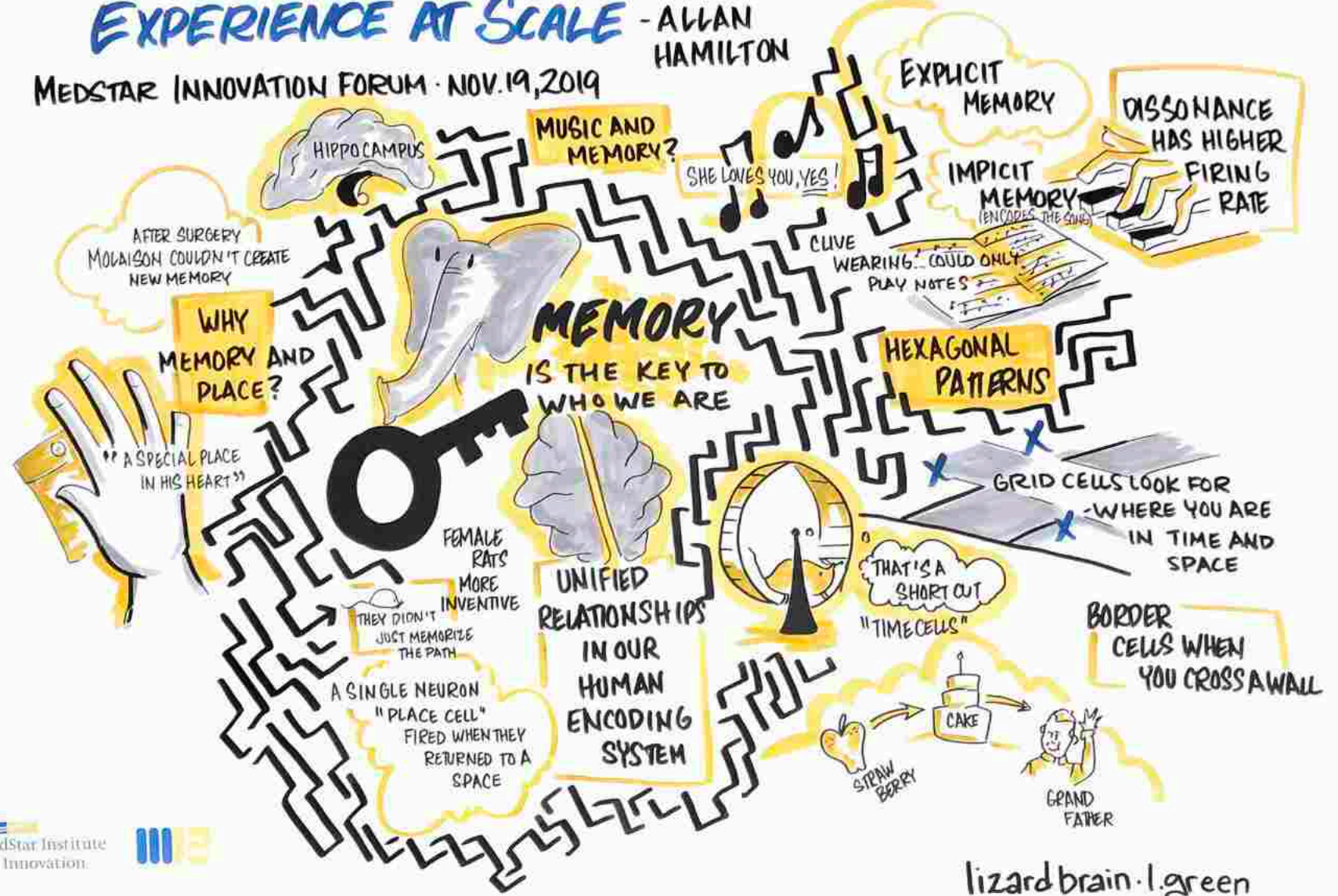
## PET PEEVES



# A MEDITATION ON HEXAGONS AND THE HIPPOCAMPUS

## HOW THE BRAIN ENCODES SPACE, TIME AND EXPERIENCE AT SCALE - ALLAN HAMILTON

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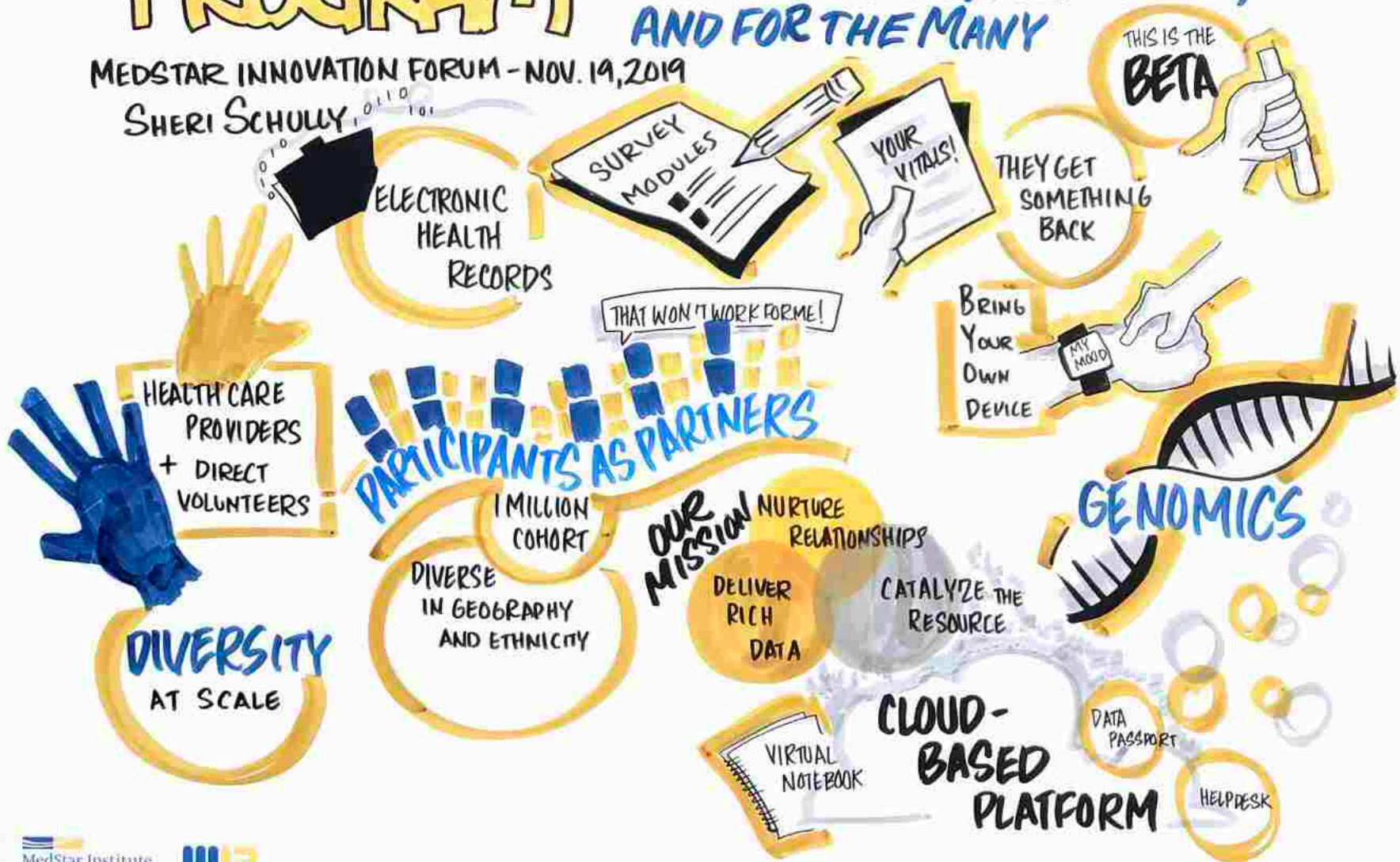


# NIH'S ALLOF US RESEARCH PROGRAM

CREATING RESEARCH OF, BY, AND FOR THE MANY

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SHERI SCHULLY



# HIGH CONSTRAINT YIELDS MAXIMAL LEVERAGE

## A TALE OF INTERNATIONAL CYBERHACKING

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ERIC HASELTINE

### START BY THINKING NOT FUNDING

PRIORITIZE  
SPEED AND  
MINIMALISM



YOU ONLY  
NEED TO  
GET TO  
25  
PREINCTS

INTELLIGENCE  
IS MORE  
ABOUT TAKING  
DOWN  
THE OTHER GUY

IT'S ACTUALLY  
EASY TO CHANGE  
VOTES

IT CHANGES THE  
PROPERTY OF WHAT  
COMES BACK

THEY HAVE  
CONCERNS ABOUT  
THEIR SURVIVAL

DEPRIVE AND  
GIVE RESOURCES...  
DECIDE WHEN

OUR GREATEST  
STRENGTH IS  
OUR  
GREATEST  
WEAKNESS

ARROGANCE

STARTUPS  
HAVE NOTHING  
TO LOSE

NOW THAT WE ARE  
OUT OF MONEY, WE  
HAVE TO THINK  
-CHURCHILL

BITS ARE  
THE NEW  
BULLETS

IT'S MORE  
ABOUT WHAT  
YOU LEAVE  
BEHIND

CONSTRAINTS ARE INNOVATION'S  
BEST FRIEND

RUSSIA IS A  
SOURCE OF INNOVATION

IT'S A MIND-  
SET

WE USE  
PENCIL



# FROM **STARTUP** TO **SCALEUP** TO **SUPERSCALE**

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DONNA HARRIS

WHEN A COMPANY RUNS OUT OF INNOVATION, IT RUNS OUT OF GROWTH



# THE GEOMETRY OF INNOVATION

## WHAT WE CAN LEARN FROM AMAZON, MICROSOFT, AND GOOGLE

MICHAEL GILLAM

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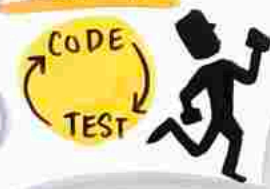


WE CAN PREDICT DROUGHT

IMAGINE 3D IMAGING AT HOME

AN INTERNET OF THINGS PEOPLE

TREADMILLING

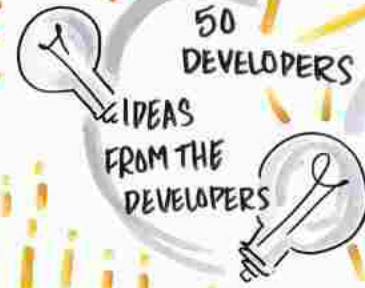


IT MIGHT BE BROKEN

THEY ASSIGNED THEMSELVES

1 PM

50 DEVELOPERS



CROWDSOURCING IDEAS AND PEOPLE CAN VOTE



IDEAS CAME FROM ABOVE

1 TEST  
IF YOUR CODE BREAK, YOU FIX IT



### REVISION

IS A PART OF THE CREATIVE PROCESS

RETHINK HOW WE MOVE MATTER

WHAT MIGHT THE HEALTHCARE SYSTEM EVOLVE TO?

WORLD'S LARGEST TRANSPORTATION COMPANY DOESN'T PRODUCE CARS

PIXAR UNLOCKED DISNEY

BRAIN TRUST: POINT OUT THE PROBLEMS NOT SOLVE THEM

