

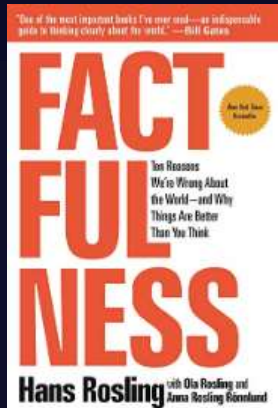


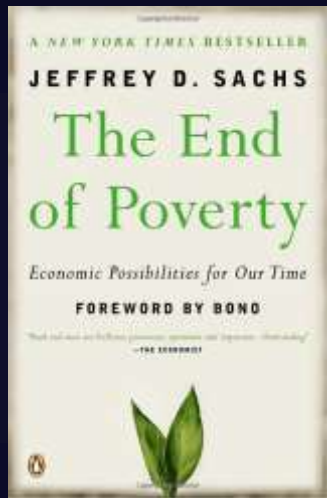
Meeting the Moment

Bringing Forward the Best of Online and Blended Learning Innovation

Mark David Milliron
mark.milliron@wgu.edu

“I’m not an optimist. That makes me sound naïve. I’m a very serious ‘possibilist’ . . . It means someone who neither hopes without reason, nor fears without reason, someone who constantly resists the overdramatic worldview. As a possibilist, I see all this progress, and it fills me with conviction and hope that further progress is possible . . . It is having a clear and reasonable idea about how things are. It is having a worldview that is constructive and useful.”

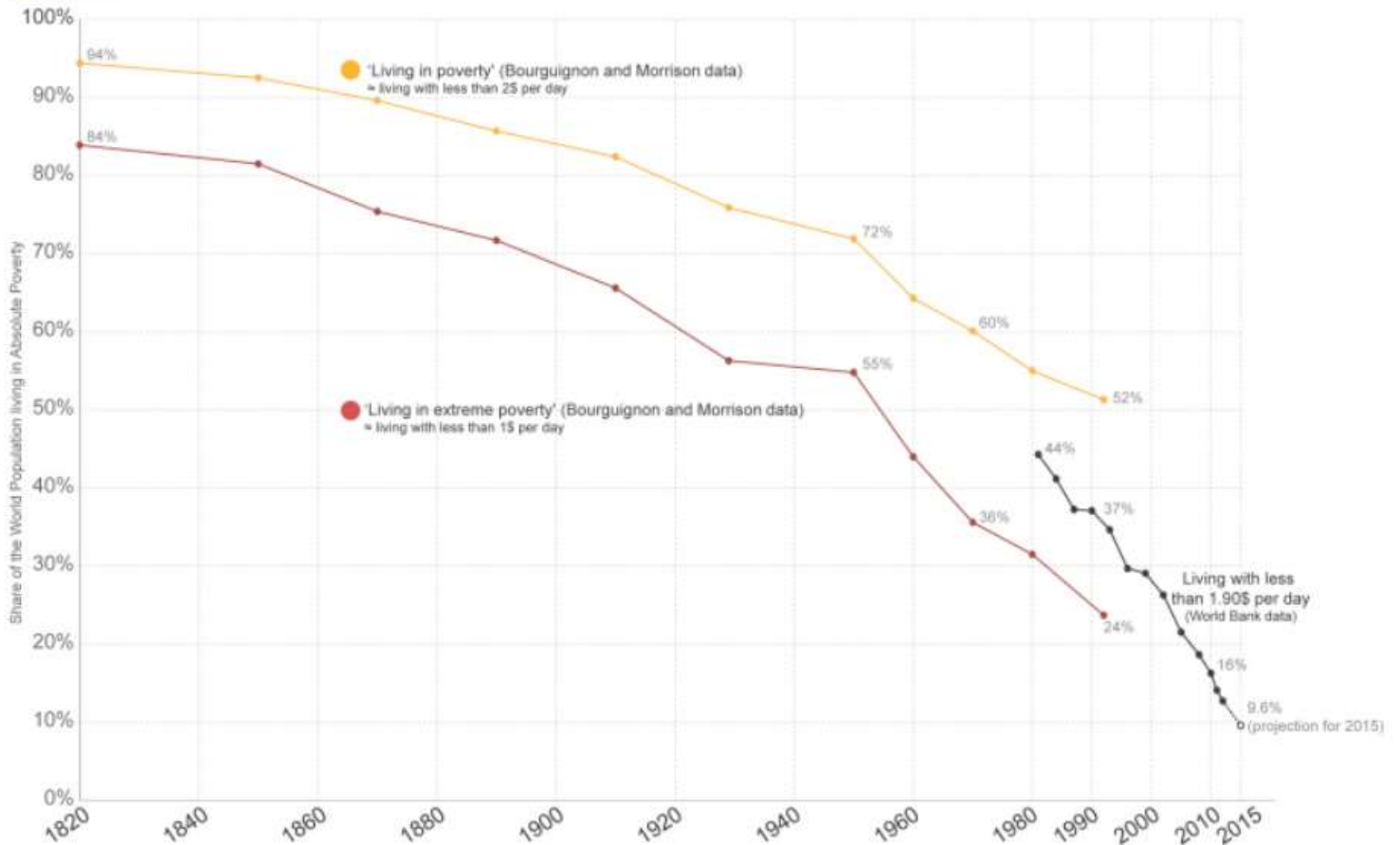




**OurWorld
in Data**

Share of the World Population living in Absolute Poverty, 1820-2015

All data are adjusted for inflation over time and for price differences between countries (PPP adjustment).



Data sources: 1820-1992 Bourguignon and Morrison (2002) - Inequality among World Citizens, In The American Economic Review; 1981-2015 World Bank (PovcalNet)

The interactive data visualisation is available at OurWorldinData.org. There you find the raw data and more visualisations on this topic.

Licensed under CC-BY-SA by the author Max Roser.

NEWS

OPINION: The biggest danger to U.S. higher education? Losing 20 years' worth of gains in access for first-generation and minority students

'This pandemic is a perfect storm that could wash away hard-won progress'

by TED MITCHELL

August 11, 2020



The Hechinger Report is a national nonprofit newsroom that reports on one topic: education. Sign up for our [weekly newsletters](#) to get stories like this delivered directly to your inbox.

What COVID-19 Means For Community Colleges

Essays • Communications Staff • Monday, 08 February 2021



From enrollment to instruction, no part of open-access postsecondary education has remained untouched by the coronavirus. Since the pandemic began, our researchers have written several blog posts and contributed to dozens of news stories related to the community college sector's response and its future, all of which you'll find below. We will continue to update this page, as well as our [COVID-19 blog series](#), as this crisis continues.



How Much Has Covid Cost Colleges? \$183 Billion

The financial situation is dire. But colleges that stay focused have a fighting chance.

Meeting the Moment



- *Content, Context, & Community*
- *Data Science, Domain Experience, & Design Thinking*
- *Innovators to CASE*

Content, Context, & Community

Face to Face Infrastructure

- *Classrooms
- *Lecture Halls
- *Training Labs
 - *Locations
 - *Simulators
- *Office Hours
 - *Library
- *Open Space



Online Infrastructure

- *Zoom/Teams/GHO
- *Learning Mgt Systems
- *Content Repositories
- *OER/OPM
- *Social Networks
- *Mobile Apps
- *Website

Activities

Lecture, Dialogic, Small Groups, Contextual Learning, Simulations, Learning Communities, i-BEST, Project-Based Learning, Self-Directed Learning, Blended Learning, Accelerated Learning, Competency-Based Learning

75%

**believe using personal devices in the classroom
has improved their ability to learn**

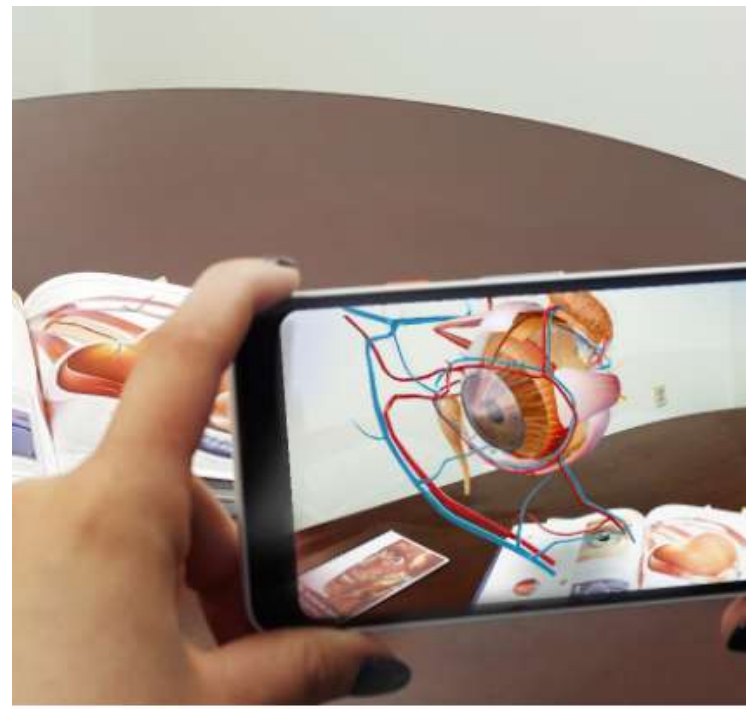
58%

use their phones to take pictures of lecture slides

39%

use mobile devices to access a digital textbook





Quest

Rift

Go

Gear VR

Education

Popularity ▾

Learn something new each day with these educational apps!



Ocean Rift
\$9.99



Wonders of the World
Free



Titans of Space
\$4.99



Chernobyl VR Project
\$4.99



House of Languages VR
\$4.99



Apollo 11 VR Mobile
\$4.99



Dinosaurs!
\$0.99



Oculus 360 Photos
Free



Solar System
\$2.99



Raising A Rukus
\$3.99



Human Anatomy VR Complete Edition
\$19.99



Gala360 - Travel & Relax
Free



The Body VR
Free



Fearless
\$4.99



Hello Mars
\$4.99



Discovering Space
\$2.99

VR for EQ. Simulations for essential workplace skills.

“The high-tech solution for becoming more empathetic.”

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TRY IT NOW →



M Mursion

0:20 / 1:22



SPARK PEER-TO-PEER ENGAGEMENT

Our student platform is a catalyst for meaningful connections and a sense of belonging throughout the student journey. Students connect, engage, and build relationships with other students in Nearpeer, which measurably improves enrollment and persistence.



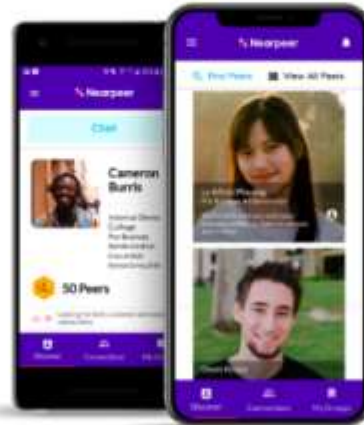
CONNECT STUDENTS

Leverage advanced, multi-dimensional matching algorithms to help your students find other students "like them"



FOSTER INCLUSION

Create accessible, inclusive spaces for more authentic peer-to-peer dialogues and intentional friendships



INSPIRE SOCIAL FIT

Build student confidence in social fit and sense of belonging to improve enrollment yield and reduce melt



BUILD COMMUNITY

Enhance the orientation and first-year experience by helping all students, including introverts, connect with their peers

AVAILABLE ON GOOGLE PLAY AND IN THE APPLE APP STORE.





An Open Letter to Students:
You're the
Game
Changer in
**Next-
Generation
Learning** By Mark David Milliron

In a follow-up to a recently published EDUCAUSE Review Game Changer, I discussed how educators can use technology to create a more engaging and effective learning environment. In this article, I explore how educators can use technology to create a more engaging and effective learning environment.

The pages of *EDUCAUSE Review* are full of examples, educators' and technologists' blood, sweat, and tears poured into new educational technologies and techniques, over hundreds of thousands of hours, to bring next-generation learning to life for you, the student. Article after article speaks of the challenge of changing tired traditional systems and leveraging emergent novel technologies. Heck any basic metaphor—it's been used by an author in these pages to talk about how difficult the task is. But still these educators and technologists stick to it, investing in the hopes of inspiring and better enabling your learning.

- Purpose
- Engagement
- Mindset
- Tenacity

Data Science, Domain Expertise, and Design Thinking

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Current Archives Announcements For Authors For Reviewers Ethics Policy About ▾

Home Archives Vol 22 No 1 (Sp Iss) (2021) Shaping the Futures of Learning in the Digital Age

Catalyzing a Culture of Care and Innovation Through Prescriptive and Impact Analytics To Create Full-Cycle Learning

PDF

Published: Jan 7, 2021

Keywords:
Machine learning, data-driven decision making, prediction-based propensity score matching, prescriptive analytics, student success knowledge base, influence diagram, change management, Real-world data, Real-world evidence, impact prediction, impact elasticity

David Kil
Civitas Learning

Angela Baldasare
Civitas Learning

Mark Milliron
Western Governors University

Abstract

Student success, both during and after college, is central to the mission of higher education. Within the higher-education and, more specifically, the student-success context, the core *raison d'être* of machine learning (ML) is to help institutions achieve their social mission in an efficient and effective manner. While there should be synergy among people, processes, and ML, this synergy is not often realized because ML algorithms do not yet connect the dots on fully understanding and strategically fostering student success. Transitioning from risk to impact prediction is a catalyst for institutional transformation, which can lead to continuous learning and student-success process innovation. This paper explores how ML can complement and facilitate organizational transformation in promoting a culture of care and innovation through virtuous full-cycle learning.

How to Cite

Kil, D., Baldasare, A., & Milliron, M. (2021). Catalyzing a Culture of Care and Innovation Through Prescriptive and Impact Analytics To Create Full-Cycle Learning. *Current Issues in Education*, 22(1) (Sp Iss). Retrieved from <https://cie.asu.edu/ojs/index.php/cieatasu/article/view/1903>

More Citation Formats ▾



Medications

simvastatin
(ZOCOR), 40 mg tablet
Take 1 tab by mouth nightly.
REFILL

albuterol
(PROVENTIL, VENTOLIN), 90 mcg/act inhaler
inhale 2 puffs every 6 hours as needed for wheezing.
REFILL

levothyroxine
(SYNTHROID), 100 mcg tablet
Take 1 tablet by mouth once daily.
REFILL

diltiazem
(CARDIZEM CO), 240 MG ER capsule

Appointments

NEXT 7 DAYS

SEP 19 2016 **Chiropractic**
Monday, September 19, 2016
7:40 AM
Stan Winston, D.C.
West Bluff Clinic
CANCEL ECHECK-IN

SEP 20 2016 **Office Visit**
Tuesday, September 20, 2016
12:15 PM
Marty Seeger, M.D.
Maple Ridge Family Practice
CANCEL ECHECK-IN

PAST

AUG 18 2016 **Chiropractic**
Stan Winston, D.C.
West Bluff Clinic



LEARNING LEADERS MATRIX



THE END OF AVERAGE

HOW WE SUCCEED
in a World That Values Sameness

TODD ROSE

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#1 NEW YORK TIMES BESTSELLER

RANGE

WHY GENERALISTS TRIUMPH
IN A SPECIALIZED WORLD



"I loved RANGE."
—Malcolm Gladwell

DAVID EPSTEIN

AUTHOR OF *THE SPORTS GENE*

Copyrighted Material





GE's Adventure Series redesigns imaging equipment including MRIs, X-ray machines and CT scanners like the pirate-themed machine pictured here to make the procedures less scary for kids.

Innovators to CASE

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Juliet Guastella

1 Main Street
Burlington, VT 05401



Juliet believes in the principle of choosing one's own path. Driven by the notion of making the world a better place, her strengths lie within places she can help others succeed and realize their importance

CREDITS

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(460130)
65 Dickinson Ave
Enosburg Falls, VT 05450
[Link to school profile](#)

AUTHORIZED BY

John Smith

DATE

4/7/2020



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TRANSCRIPT
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Distribution of credits earned by student.

Filter by Advanced Foundational

Credit Distribution



Transferable Skills

0 12

- Self-direction
- Generate solutions
- Evaluate information
- Synthesize information
- Apply knowledge
- Making a difference
- Respecting diversity
- Practicing responsible digital citizenship
- Use technology effectively
- Taking responsibility
- Collaboration
- Identify and define problems



The Arts

0 4

- Performing
- Connecting
- Creating
- Responding

Health & Physical Education

1 5

- Physical health
- Social emotional health
- Sexual health
- Leadership **Advanced**

Disciplinary Literacy

1 6

- Central Ideas
- Language Analysis
- Analyzing Claims
- Writing
- Advanced Writing **Advanced**
- Vocabulary
- Conventions

Science & Mathematics

1 5

- Statistical reasoning
- Algebraic reasoning
- Geometric reasoning
- Scientific experimental design
- Scientific explanation
- Scientific modeling
- Advanced Statistical Reasoning **Advanced**

Evidence

Featured work selected by the student.

Synthesize information



Unethical Medical Research During the Holocaust

An extensive research paper outlining the research atrocities conducted by Nazis onto p...



Scientific experimental design



Physics in Movies: Batman's High Dive

A physics report that unravels the possibility of performing the famous Batman High Dive...

Geography



Cult Museum Project: Exploring Cults in Fiction

A deep dive into a specific cult from HBO's Game of Thrones known as the Faceless Men. ...

Research



Gorilla Project: "Youthful Offenders"

My Gorilla Project about the state of Vermont's law change regarding who is considered ...

Civics



Did the Constitution Establish a Just Government?

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LINK RESEARCH LAB

WHAT DOES IT MEAN TO BE HUMAN IN A DIGITAL AGE?

ABOUT

THE HOPE CENTER

Too many students leave college without credentials because life, logistics, and a lack of money got in the way. These #RealCollege students are the new majority, but they are often ignored. The Hope Center for College, Community, and Justice is home to an action research team using rigorous research to drive innovative practice, evidence-based policymaking, and effective communications to support #RealCollege students.

[READ MORE](#)



LISTENING TO STUDENTS' VOICES4CHANGE

MARK MILLIRON | JULY 24, 2018 | UNCATEGORIZED | [ADD REPLY](#)



Last week, we saw the announcement of the [Hope Center for College, Community, and Justice](#), the next generation of the highly successful Wisconsin Hope Lab. The new center, located at Temple University, will continue and deepen the research and innovation aimed at helping striving students succeed in higher

education, even as they are wrestling with serious challenges such as housing insecurity, food insecurity, transportation, childcare and more,

Meeting the Moment



- *Content, Context, & Community*
- *Data Science, Domain Experience, & Design Thinking*
- *Innovators to CASE*

Thoughts on the Sugar Chair

The empathy running through these age-appropriate stories is breathtaking – even Buddy the dog shows us how to look at things through other's eyes. The young readers and listeners to these stories will be engaged for sure, and will think more about others as result, whether or not they need a little time sitting on the Sugar Chair.

**-Andrew T. Watson, Head of School, Albuquerque Academy
Board Member, National Association of Independent Schools**

Who wouldn't be well-served by the refrain "Slow down, look around, figure out how to sweeten things up"? The Sugar Chair Stories invite us all to step into the magical land of childhood and the wise lessons of Buddy and his human family. Children of all ages are invited towards the meaningful conclusion that we can always make any situation better when we look to sweeten things up. These stories are a perfect complement to any school or household's goals towards social, emotional and ethical learning.

**-Emily McCarren, Ph.D., Academy Principal, Punahou School
Board Member, Global Online Academy**

The power of the Sugar Chair and associated stories is in helping children—and adults—slow down, engage in quiet reflection, and plan for "sweetening things up." So necessary in today's world. I'm out looking for a Sugar Chair!

**-Suzanne Walsh, J.D., President, Bennett College
Former Deputy Director, Bill & Melinda Gates Foundation**

U.S. \$30.00

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The Sugar Chair Stories



Volume One

Mark and Alexandra Milliron