Evolution & Revolution in Student Success

Key Conversations to Consider

Mark David Milliron
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STEVEN PINKER
ENLIGHTENMENT NOW
THE CASE FOR REASON, SCIENCE, HUMANISM, AND PROGRESS
Progress is Not Guaranteed; It’s Been Work (insight, energy, innovation, intention)

• Life expectancy
• Malthus and Hunger
• Child Mortality & Maternal Health
• Global Health
• Inequality
• Crime and War
“Whether or not the world is really getting worse, the nature of news will interact with the nature of cognition to make us think it is.”

“Availability heuristic: people estimate the probability of an event or the frequency of a kind of thing by the ease with which instances come to mind.”
“Nothing is more responsible for the good old days than a bad memory.”

- Franklin Pierce Adams
Higher education is failing to meet the needs of both students and employers, and only a fundamental transformation can put it on the right track.
18 REASONS THE U.S. EDUCATION SYSTEM IS FAILING

BY MATTHEW LYNCH / APRIL 3, 2017 / 24
Evolution & Revolution Conversations

Changing Faces of Student Success

Analytics & the Culture of Care

Extra-Academic Innovation
CHANGING FACES OF SUCCESS
I see collaboration between institutions happening.

Common problems:

Tenure of leadership.

Institutional momentum.

Jeff Selingo.

Presidents set the tone, the story behind their initiatives.

Student success needs to be about finding fulfillment in their careers.

How do students complement technology?

Mark Milliron.

Problem is that “president” is seen as a “career” not a “calling.”

Prestige in higher ed is like profit in corporate world.

Not better than better with.
CHANGING FACES OF SUCCESS

• Access & Enrollment
• Deeper Learning
• Broader Success/Completion Indicators
  ✓ STEM, completion, on-time completion, transfer, diversity and equity gaps, post-graduation outcomes, workforce impact

• Making the most of their student experience
The Emerging Student Success Platform
Making the Most of a Healthy Change in Education

A White Paper by Dr. Mark David Milliron
Co-Founder & Chief Learning Officer, Civitas Learning
Blood Pressure: 134/83 mmHg

Steps: 8,848 steps/day

Weight: 189.5 lbs

Simvastatin (ZOCOR), 40 mg tablet:
Take 1 tab by mouth nightly.

Albuterol (PROVENTIL VENTOLIN), 90 mcg/act inhaler:
Inhale 2 puffs every 6 hours as needed for wheezing.

Levothyroxine (SYNTHROID), 100 mcg tablet:
Take 1 tablet by mouth once daily.

Diltiazem (CARDIZEM CD), 240 MG ER capsule:

MyChart powered by Epic

NEXT 7 DAYS

SEP 19 2016
7:40 AM
Chiropractic
Stan Winston, D.C.
West Bluff Clinic

SEP 19 2016
12:15 PM
Office Visit
Marty Seeger, M.D.
Maple Ridge Family Practice

PAST
AUG 18 2016
Chiropractic
Stan Winston, D.C.
West Bluff Clinic
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.
STUDENT SUCCESS LEADERS MATRIX

- ANALYSIS
- PARALYSIS
- STATUS QUO
- BEST PRACTICISM
CLOSING EQUITY GAPS, HITTING HISTORIC HIGHS IN STUDENT OUTCOMES, AND REACHING PREEMINENCE: REFLECTIONS ON THE LEADERSHIP JOURNEY AT USF

After a conversation on the student success journey of the University of South Florida (USF) with their president, Dr. Judy Genshaft, and vice president for student success, Paul Dosal, I began reflecting on two of my recent reads. The first was *Enlightenment Now* by Steven Pinker; the second was *Atomic Habits* by James Clear. Pinker’s book makes the compelling case that all the click-bait catastrophe stories and modern-news-media pile ons about how things are going to ‘Hades in a hand basket’ notwithstanding, you absolutely **can** reach big goals.
UNIQUE AIR-POWERED SOUND SYSTEM

The infotainment system also integrates a high-end sound system from Alpine. It features the unique "FreshAir" subwoofer, a jet jet released technology that uses the air outside the car to create the ultimate listening experience.
Internet of Things for Higher Education
Predictive Analytics in Higher Education
Five Guiding Practices for Ethical Use

By: Manuela Ekowo, Iris Palmer
Last updated on March 6th, 2016
EXTRA-ACADEMIC INNOVATION

STATE OF STUDENTS RESEARCH OVERVIEW

- 25-question national survey
  - 1,545 current US students
- Statistically significant
  - 95% confidence level
\( \frac{1}{4} \) of students state that it will be difficult or very difficult to finish
The Big List

Top challenges faced by students in their higher ed experience:

Choosing my major
Choosing which classes I need to take
Finding a course schedule that works for me each term
Balancing classes and work
Affording tuition, fees and textbooks
Affording non-academic expenses like rent, transportation, and groceries
Navigating financial aid
Navigating my academic pathway to graduation *(e.g. term-over-term planning)*

Registering for classes
Completing all the administrative requirements *(paperwork, meeting deadlines, etc.)*
Meeting academic deadlines
Balancing social activities and classwork
Making time to study
Knowing where to go when I need help with my studies
Adjusting to college life *(on my own, new friends, etc.)*
Balancing college classes and work at the same time
Balancing college classes and family commitments
COMMUNITY INSIGHT 2
GAINING DEEPER UNDERSTANDING OF HIGH GPA DEPARTURES

98% of institutions in this study are losing more students above 2.0 GPA than below it.

This benchmark is based on a data set of 4 million students from 62 institutions.
CAMPAIGN: HIGH GPA, LOW-MODERATE PERSISTENCE

Outreach Goal
• Come to advising, persistence

Students Targeted
• Undergraduate, GPA 3.0-4.0 w/ low persistence likelihood

Outreach Owner
• Illume Working Group pulls student list, creates case for advisors

Strategy
• Sent before spring midterms

Sample Email: We’re Proud of You!

Hi <student first name>,

I wanted to send you a note to see how your semester is going. College can be challenging this time of year and even the most successful students can struggle. Common challenges for students include job commitments, family responsibilities, financial pressures, transportation issues, or a combination of these and other issues. Do any of these sound familiar to you?

If you are experiencing any of these issues, or other things, I am here to help!

I am proud of your progress and excited to support your continued success.

Sincerely,

<Advisor Name>

OER Commons is a public digital library of open educational resources. Explore, create, and collaborate with educators around the world to improve curriculum.

What are you looking for?  
Subject  
Education Level  
Standard  
Search

Fine tune your search with our advanced search

Create OER with Open Author

Open Author helps you build Open Educational Resources, lesson plans, and courses (on your own, or with others) — and then publish them, to the benefit of educators and learners everywhere. Select one of our authoring formats to get started:
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.

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.
An aggregate analysis of over 1000 initiatives run by 55 unique institutions of varying size and sector has shown the following to date:

- **60%**: Of analyzed initiatives have a **statistically significant positive** impact.
- **4%**: Of analyzed initiatives have a **statistically significant negative** impact.
- **36%**: Of analyzed initiatives have **no measurable impact**.

**Average lift for programs with statistically significant positive impact**: 2.91%
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Changing Faces of Student Success

Analytics & the Culture of Care

Extra-Academic Innovation
Selected Location
closest strike in last 30 minutes:
1.4 miles
Seek Shelter Now

ALERTS

SEVERE THUNDERSTORM WATCH
Sun 3:47 PM to Sun 11:00 PM

DANGEROUS THUNDERSTORM ALERT
Sun 6:04 PM to Sun 6:49 PM

DUST STORM WARNING
Sun 6:05 PM to Sun 6:45 PM

DUST STORM ADVISORY
Sun 5:57 PM to Sun 6:30 PM

SEVERE THUNDERSTORM WARNING

Mapbox

Manage Clients With Ease
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