

Behavioral insights for scalable, sustainable solutions in education

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Have questions?

Text them in!

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Increasing role for behavioral science in public policy



"A growing body of evidence demonstrates that behavioral science insights...can be used to design government policies to better serve the American people."

-President Obama
Executive Order, directing
federal agencies to incorporate
behavioral science

Increasing role for behavioral science in public policy



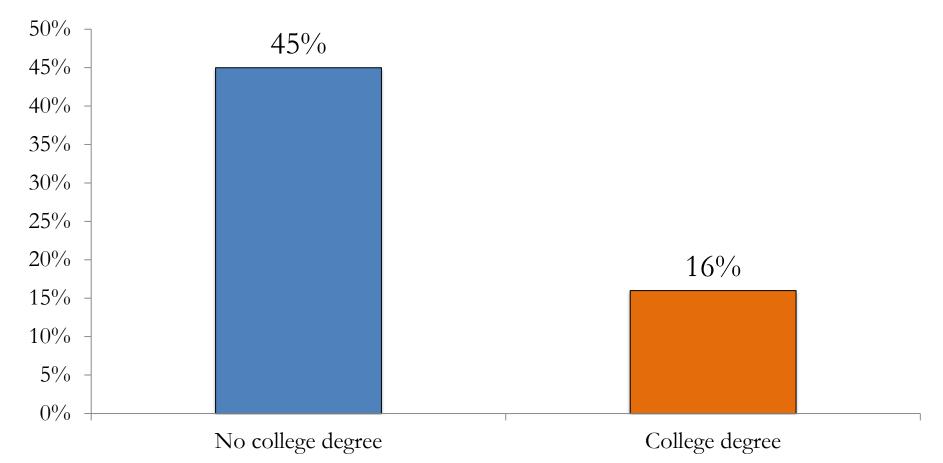






The need for scalable solutions in postsecondary education

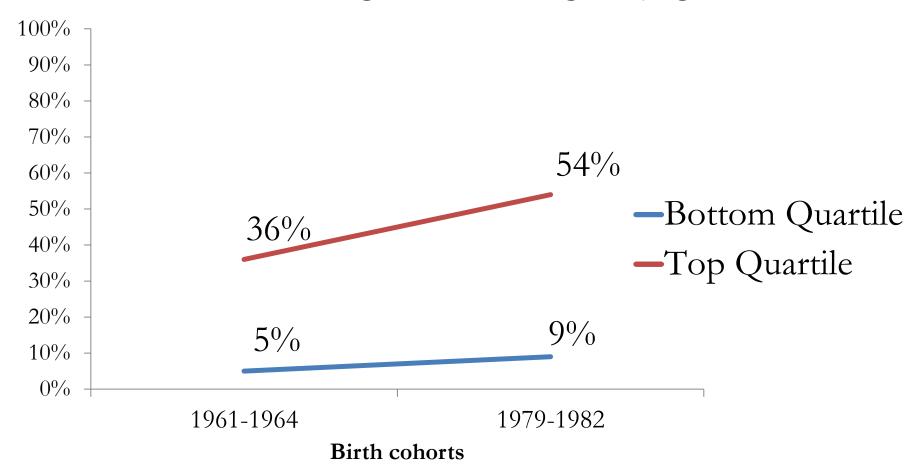
Percent of children born into the bottom income quintile who remain there as adults





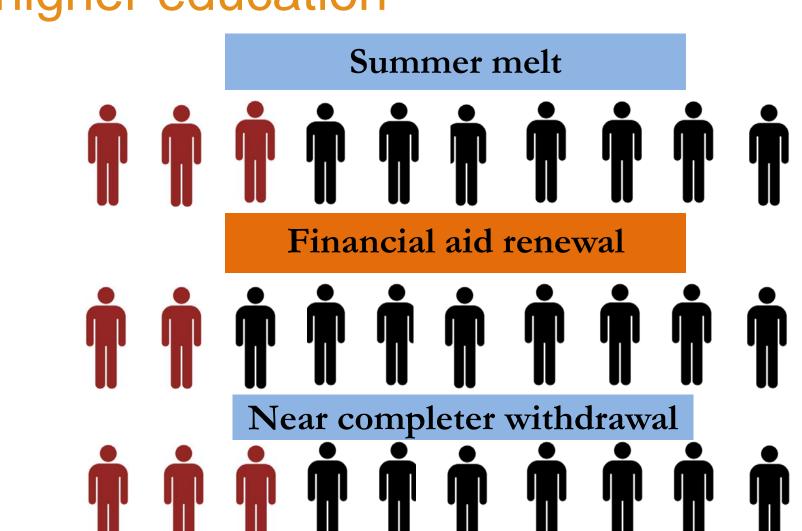
The need for scalable solutions in postsecondary education

Percent earning a bachelor's degree by age 25



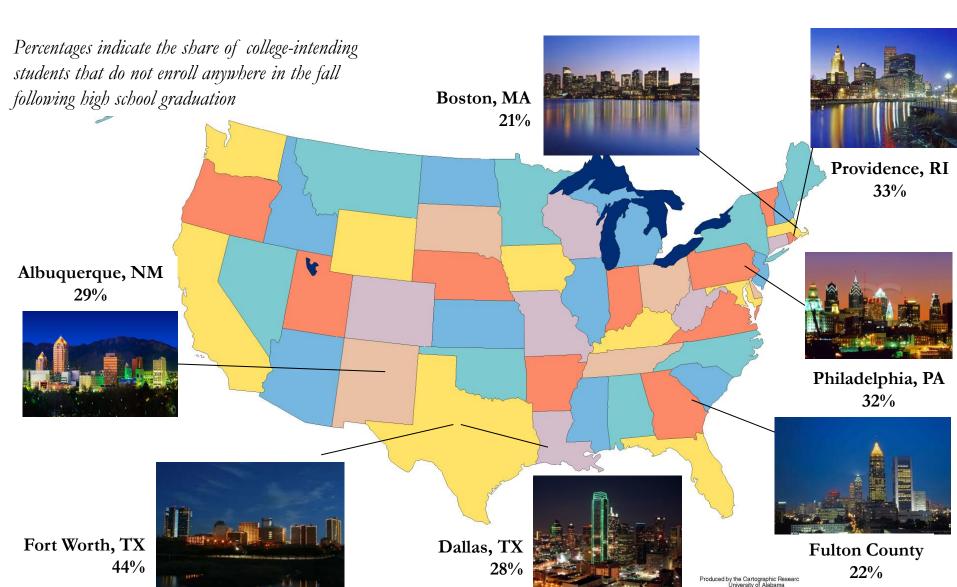


Complex decisions, critical junctures in higher education





Summer melt: A classic behavioral bottleneck





Why do students melt?

Even after being accepted to college and choosing where to attend, low-income students have to complete complex tasks...



Award letter review

Supplementary loan applications

Tuition payment plan set-up



Unanticipated fees (orientation, housing, etc.)

Orientation and placement test registration

Housing applications

Health insurance applications and waivers

...but typically have little access to professional help.

Text messaging to mitigate summer melt

- Text intervention consisted of 10 messages:
 - Financial aid
 - Orientation, placement tests, and housing
 - Tuition bill and health insurance

Hi Alex! Have you signed up for the UMB orientation? Last one is 7/15. Need to register? http://bit.ly/umborient. Need help? Reply to talk w/ an advisor.



Text messages: A behavioral multi-vitamin?

Captivate

• Each text demands our attention

Simplify

 Reduce complex info to consolidated, timely bursts

Nudge

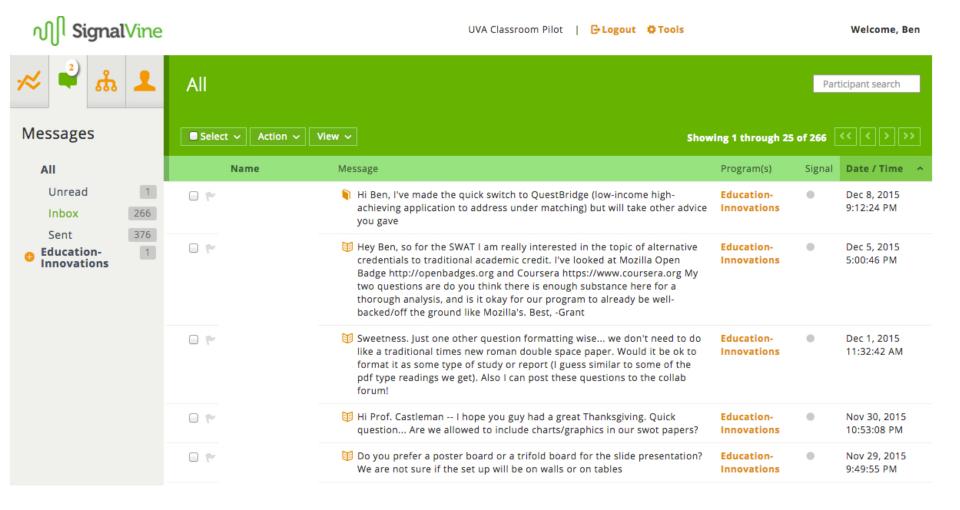
 Prompt people to follow through on important actions

Connect

 Make it easy for people to connect to professional advising



Reducing barriers to 1:1 help





Reducing barriers to 1:1 help

Hi Prof. Castleman -- I hope you guy had a great Thanksgiving. Quick question... Are we allowed to include charts/graphics in our swot papers? ► 国。 11/30/15 10:53 PM sure! Ben Castleman 12/1/15 11:30 AN Sweetness. Just one other question formatting wise... we don't need to do like a traditional times new roman double space paper. Would it be ok to format it as some type of study or report (I guess similar to some of the pdf type readings we get). Also I can post these questions to the collab forum! P 11 1 2/1/15 11:32 AM format is flexible so long as you address the key points we went over. thx! Ben Castleman 12/1/15 5:28 PN 160 Scheduled for immediate delivery

SCHEDULE NOW



The data behind summer melt texting

	Α	В	С
1	Student name	Cell #	Intended College
2	Ben Castleman	617-299-0279	Brown Univ.
-			

	Α	В	C
1	Intended College	Orientation Reg Date	Orient. Reg. URL
2	Brown Univ.	15-Jul	goo.gl/5us4r
-			



Example text responses

July 2: "Awww! Thank you so much!"

July 2: "Who's this?"

July 8: "Oh hey! You couldn't text me at a better time! I was wondering if I can make an appointment with you...I need to update my financial aid with the 2011 tax forms and I don't know how to do it. I need your help!"

Fewer than four percent of students or parents opted out of the text messaging campaign



Surprising richness of exchange

Fall bill due 8/7. Do you have a good plan for paying your bill? Need help? Questions about loans? Text us or visit our walk-in hrs!

I saw what my bill is so is that what financial aid takes care of

Do you know how much your bill is for?

3000 & some change

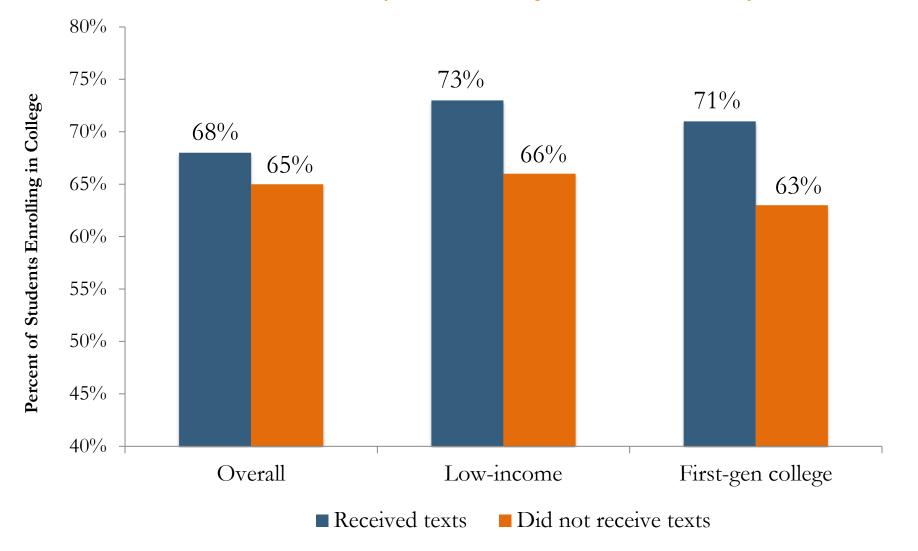
That doesn't sound like your fin aid has been applied yet. Did you check your email? Check to see if you have any emails from the aid office.

I figured it out, they need my transcript

Ok that makes sense. Once they received this, the fin aid office may have more papers for you to fill out. Be sure to check your email often and let us know.



Results: Substantial increases in enrollment for a small investment (\$5-\$10 per student)





A central role for colleges and universities in data-driven nudges



 FAFSA and CSS/Profile completion for lower-income high schools



 FAFSA renewal for first-year students



UVA – FAFSA completion help

The problem:

- To qualify for institutional aid, students need to complete FAFSA and CSS by March 1.
- Lower-income students tend to file later in the calendar year, so may forego substantial aid

The data-driven nudge solution:

- Pull real-time data on the status of students' financial aid applications
- Send students semi-customized nudges to complete their applications



UVA – FAFSA completion help

The messages:

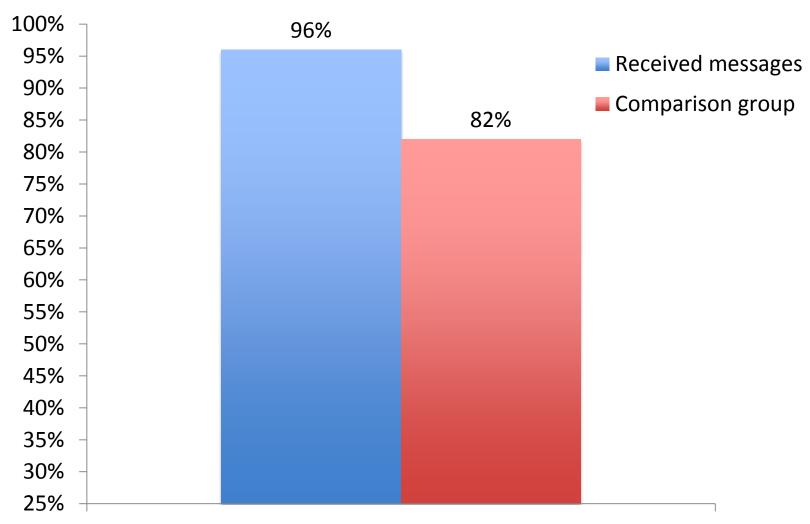
Hi Alex, only 10 days left before the March 1 priority deadline for the FAFSA & CSS/Profile. Applying by 3/1 can mean \$1000s more in aid

Hi Alex, it's Chelsea from UVA again. Great job on getting your FAFSA and CSS/PROFILE in. You're 90% of the way done! Is there a day this week when you could set aside a couple hours to work on these forms? Text back if you need help.

As of 3/15 there were still a couple things missing from your aid application. Log on to SIS to see what we need or text back & I can help.



UVA – FAFSA completion help



Filed CSS by March 1st



ASU – FAFSA renewal

The problem:

- In 2014, only 18% of ASU students refiled FAFSA before the priority deadline.
- Missing the priority deadline means students may not receive their maximum financial aid

The data-driven nudge solution (via email):

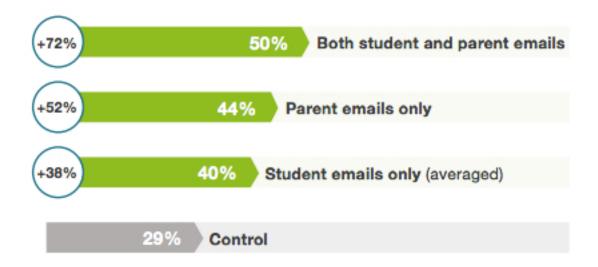
- Provide students with institution-specific information about aid filing deadlines and aid received if students file by the deadline
- Also message parents about FAFSA renewal



ASU - FAFSA renewal



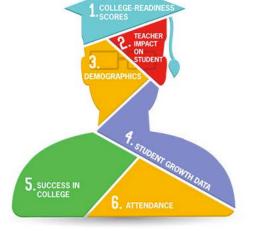
Number of Priority FAFSA Filers by Treatment Condition (Interventions 1 & 2)





What makes these campaigns successful?



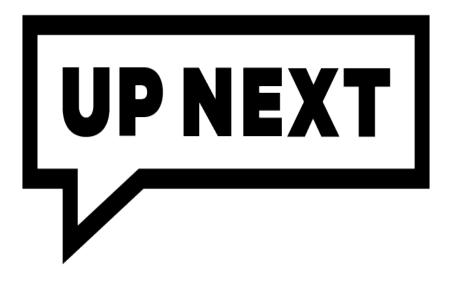








Text campaigns at scale

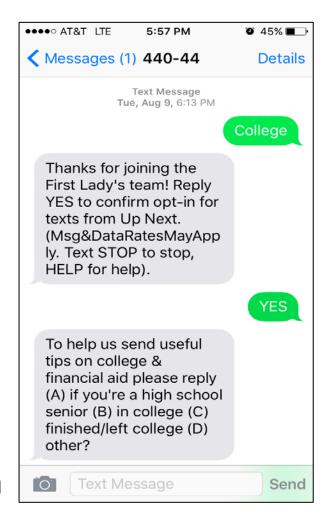






Up Next campaigns

- High school seniors: College search, FAFSA completion, college applications
- <u>Current college students:</u>
 Transition to college, making use of campus resources, FAFSA renewal
- <u>College grads:</u> Loan repayment decisions
- Parents and school counselors can also sign up.





Up Next message design

Do you have a list of colleges you plan to apply to? Txt YES/NO



That's OK, we can help! Check out this graphic for tips on finding schools that are a great fit AND affordable:

Make your college list.

- Start your search based on where you want to live or what you want to study.

bit.ly/CollegeSC



Hi, this is Better Make Room! We know student loan payments can lead to stress you don't need. Want to learn about options for lowering your monthly payments? Text YES/NO

YES

Great! Millions of borrowers like you choose plans based on their income. As a result 90% of them pay lower student loan payments each month. Text NEXT

NEXT

If money is a concern income-based plans are better than delaying payment. You may be able to pay \$0/month w/ interest benefits/loan forgiveness. Txt NEXT



Advising at a national scale









Messages

440-44

Contac

What if I'm undocumented?

Or a friend of mine is

It's okay if you and your friend are undocumented! We'll find you help. In what state will you be graduating from high school?

NY

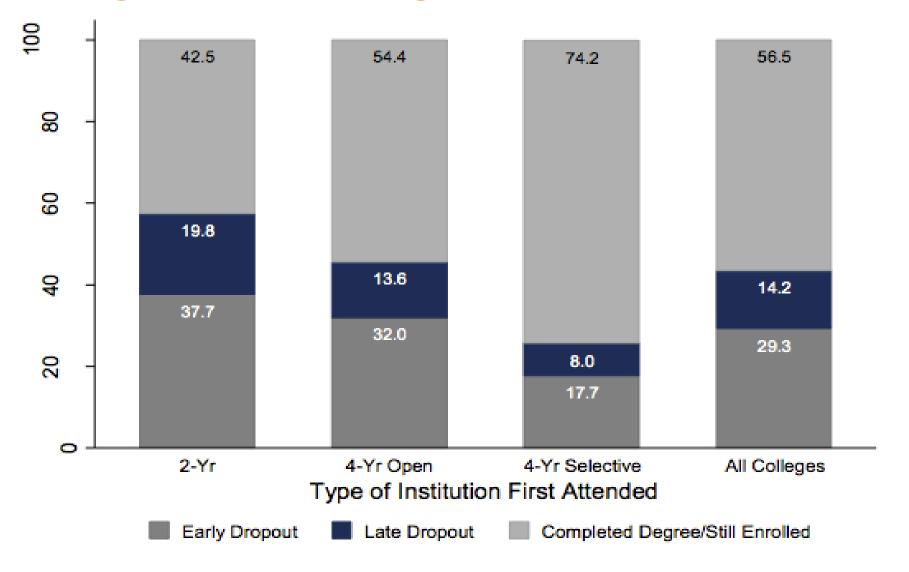
Great! In NY, undocumented students are eligible for in-state tuition fees as long as they have attended high school there for at least two years. Does this apply to you and your friend?

Yes!

Excellent! I will send you info regarding scholarships and financial assistance very soon.



Nudges for College Completion





Nudges to the Finish Line (N²FL)















N²FL nudges

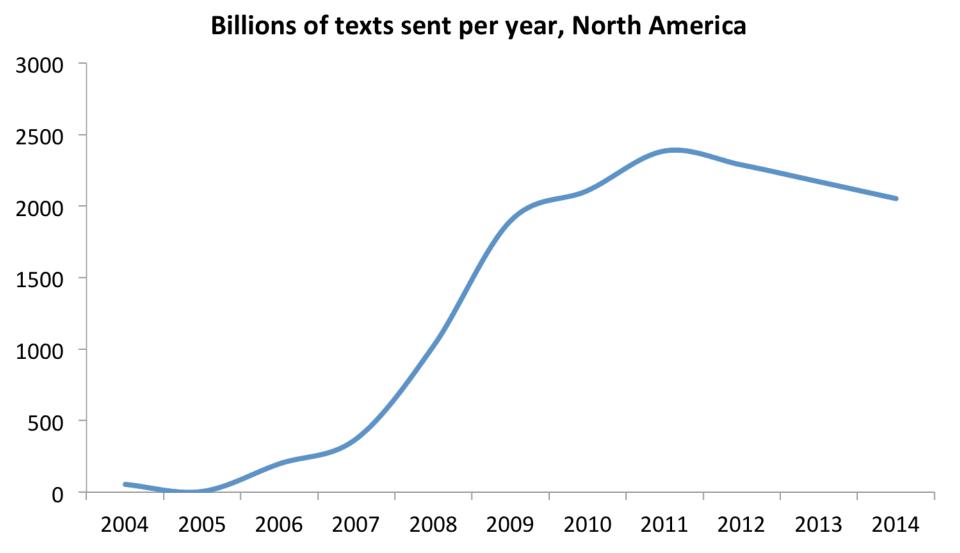
hey it's Deanne. I want to make sure you get the classes you need next semester to move towards graduation. Want to chat about your course options?

Hi there! Just checking whether you've started FAFSA. Doing it as early as possible will maximize how much aid you receive. Can I help with this?



The twilight of text messaging?







Saturation of texting?











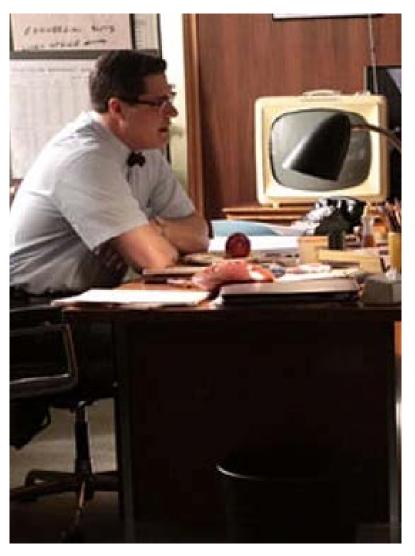








Going forward: new channels













Going forward – more from mobile









Going forward: Big Data + Behavioral Science



Real-time FAFSA completion updates

Required summer tasks

Courses to complete a degree

Nudges to use academic supports

Targeted growth mindset messaging



Expanding outside traditional education



Criminal justice: Tablet-based modules that provide personalized supports as individuals transition back into society.



Veterans education: Interventions to help soldiers and their dependents make informed choices about the educational pathways they pursue.



Workforce development: Personalized job matches and behavioral nudges to encourage displaced workers to engage in an active job search.



Thanks!

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