

Advising the Undecided

Incorporating Career Exploration in the College Search Process



DID YOU KNOW 2019

Presented By:



Johnathan Rastello

Director of College Counseling &
Upper School Dean

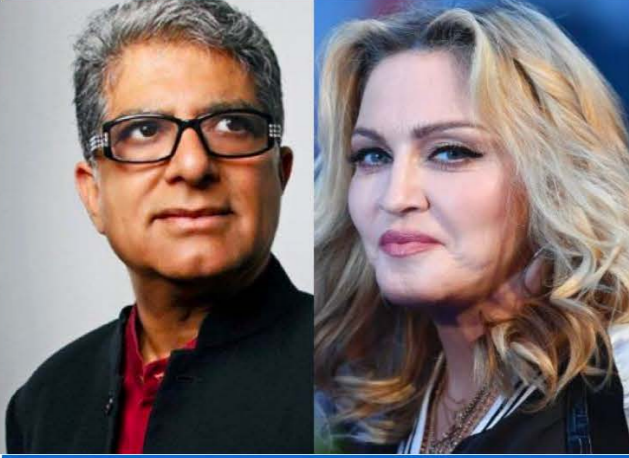





Chuck Liddiard

Assistant Director: West Coast Admissions &
Horn Program Youth Entrepreneurship Coordinator

A LITTLE DIVE INTO THE MIND OF GEN-Z

first, some generational basics.

BABY BOOMERS	GEN X	MILLENNIALS	GEN Z
			
b. 1946-1964	b. 1965-1976	b. 1977-1994	b. 1995-?
age 54-72	age 42-53	age 24-41	age ?-23
73MM	49MM	80MM	100MM*

the zeitgeist of formative years establishes both core characteristics and key stereotypes.

BABY BOOMERS



aspirational • idealistic

materialistic • headstrong

GEN X



grounded • pragmatic

cynical • cautious

MILLENNIAL



optimistic • imaginative

self-involved • impatient

these generational relationships and interactions impact gen z.

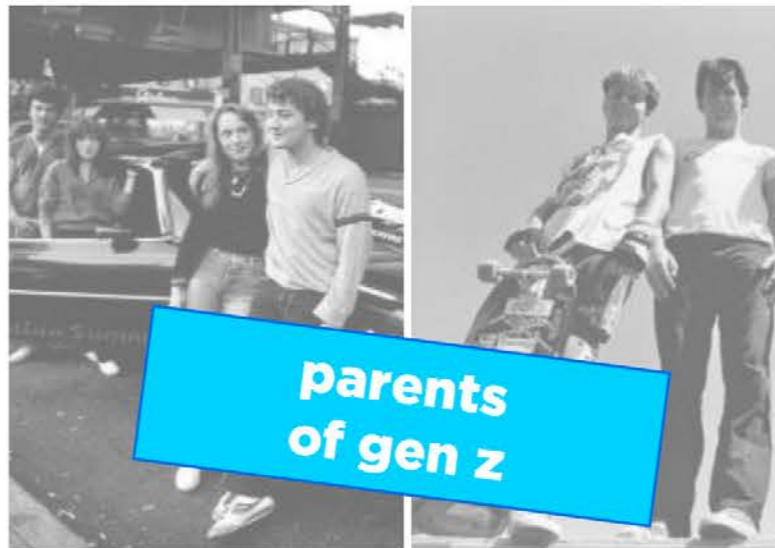
BABY BOOMERS



grandparents
& parents of gen z

aspirational • idealistic
materialistic • headstrong

GEN X



parents
of gen z

grounded • pragmatic
cynical • cautious

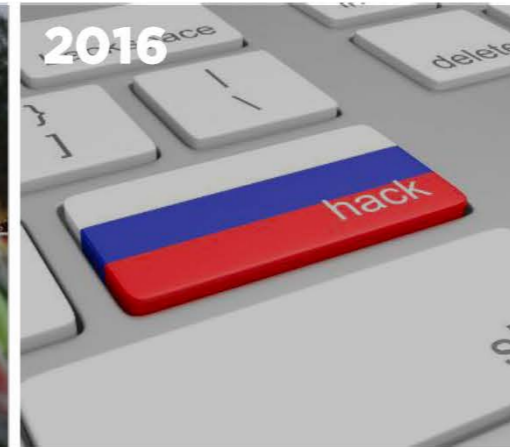
MILLENNIAL



brothers & sisters
of gen z

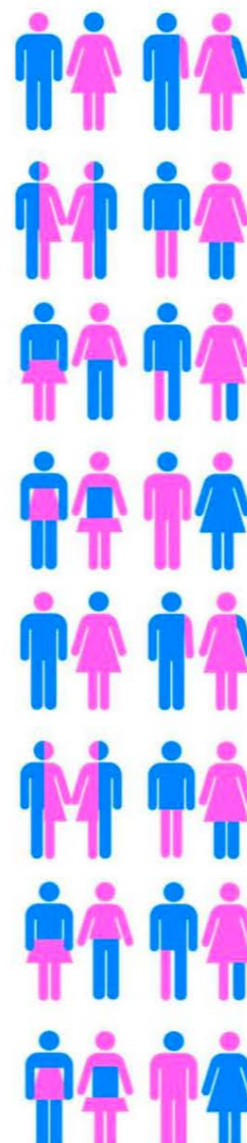
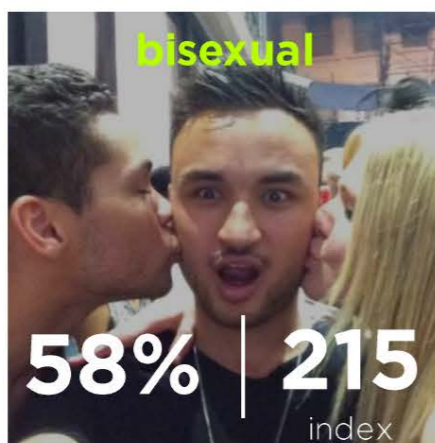
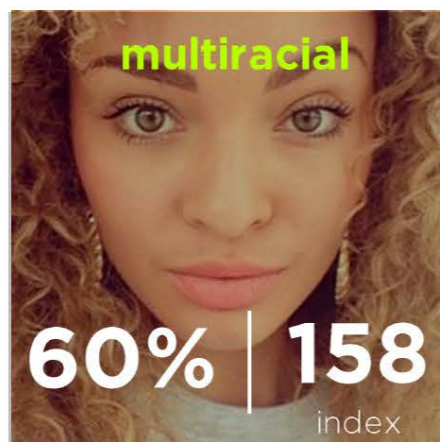
optimistic • imaginative
self-involved • impatient

gen z's formative years were dominated by crisis.

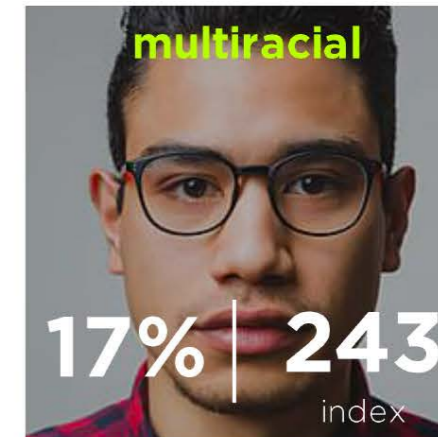


gen z defies more “boxes” more often than any other living generation.

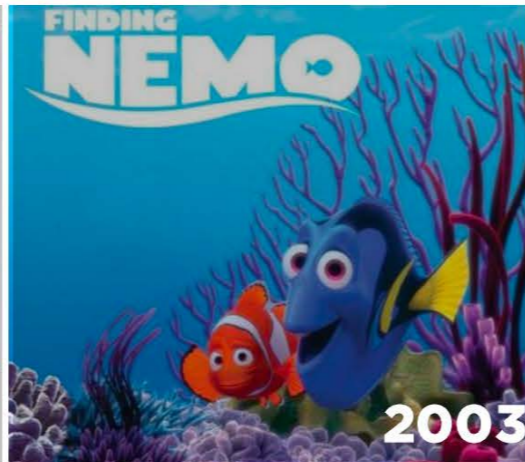
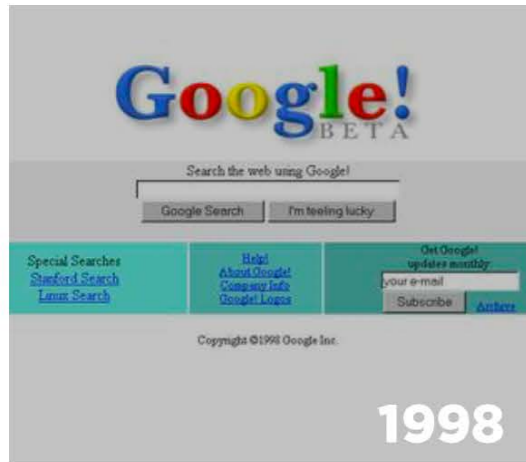
“i know someone who identifies as...”



“i personally identify as...”



they've also grown up amidst leaps forward in innovation, connection and creativity.



gen z was born into an age of rapid technological innovation toward *we*.



gen z knows technoshock stressors all too well.

The Atlantic
Have Smartphones Destroyed a Generation?
More comfortable online than out partying, post-Millennials are safer, adolescents have ever been. But they're on the brink of a mental-health crisis.

MEDICAL NEWS TODAY
Yes, smartphone addiction does harm your teen's mental health
By Mana Conut | Published Saturday 2 December 2017
Fact checked by Jasmin Collier

CNN Health +
Smartphone addiction could be changing your brain
by Sandee LaMotte, CNN
Updated 11:16 AM ET, Fri December 1, 2017

50% of teens feel they are addicted to their mobile devices.
SOURCE: COMMON SENSE MEDIA

"i regularly experience fomo (fear of missing out) as a result of things i see online"

68% | **296**
index vs. 25+

"i've often been the target of cyber bullying and/or social media trolling"

42% | **263**
index vs. 25+

gen z wants the same things everyone else wants.

in your ideal life, which of the following would be the most important?

	GEN Z	MILLENNIAL	GEN X	BOOMER+
1	Happiness 76%	Happiness 72%	Health 77%	Health 84%
2	Family 65%	Family 66%	Family 70%	Family 70%
3	Friends 42%	Health 54%	Happiness 63%	Happiness 67%
4	Health 42%	Marriage/ partnership 39%	Freedom 37%	Freedom 42%
5	Knowledge 36%	Friends 34%	Marriage/ partnership 36%	Marriage/ partnership 39%

"i stay true to my values and priorities, even if they aren't 'normal.'"

"you need to have a degree of realism, you need to understand that everything will not go your way all the time, you need toughness and to keep moving forward no matter what life throws at you, determination, loyalty, honesty."

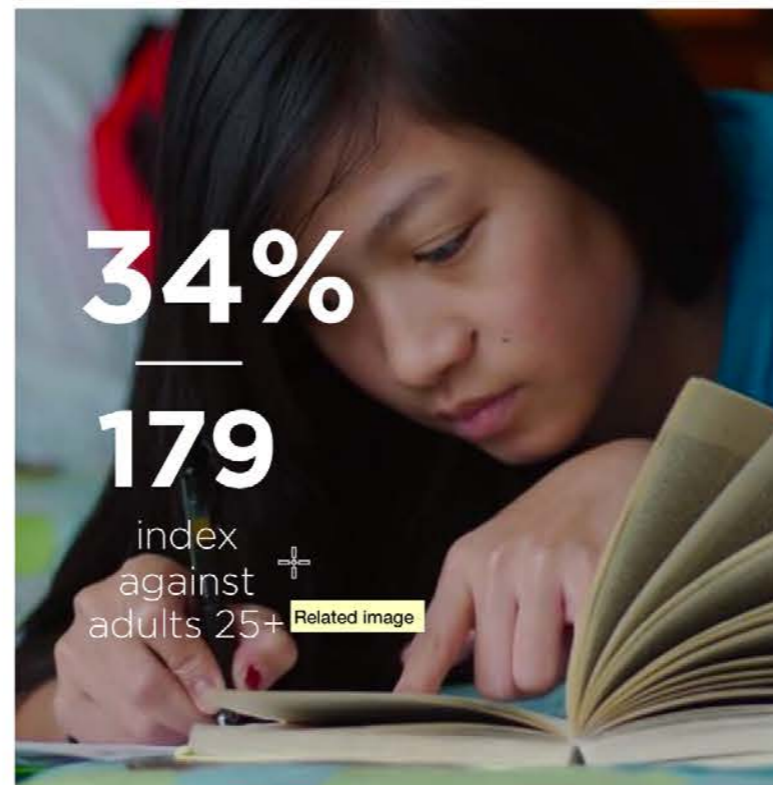
gen z lives on purpose

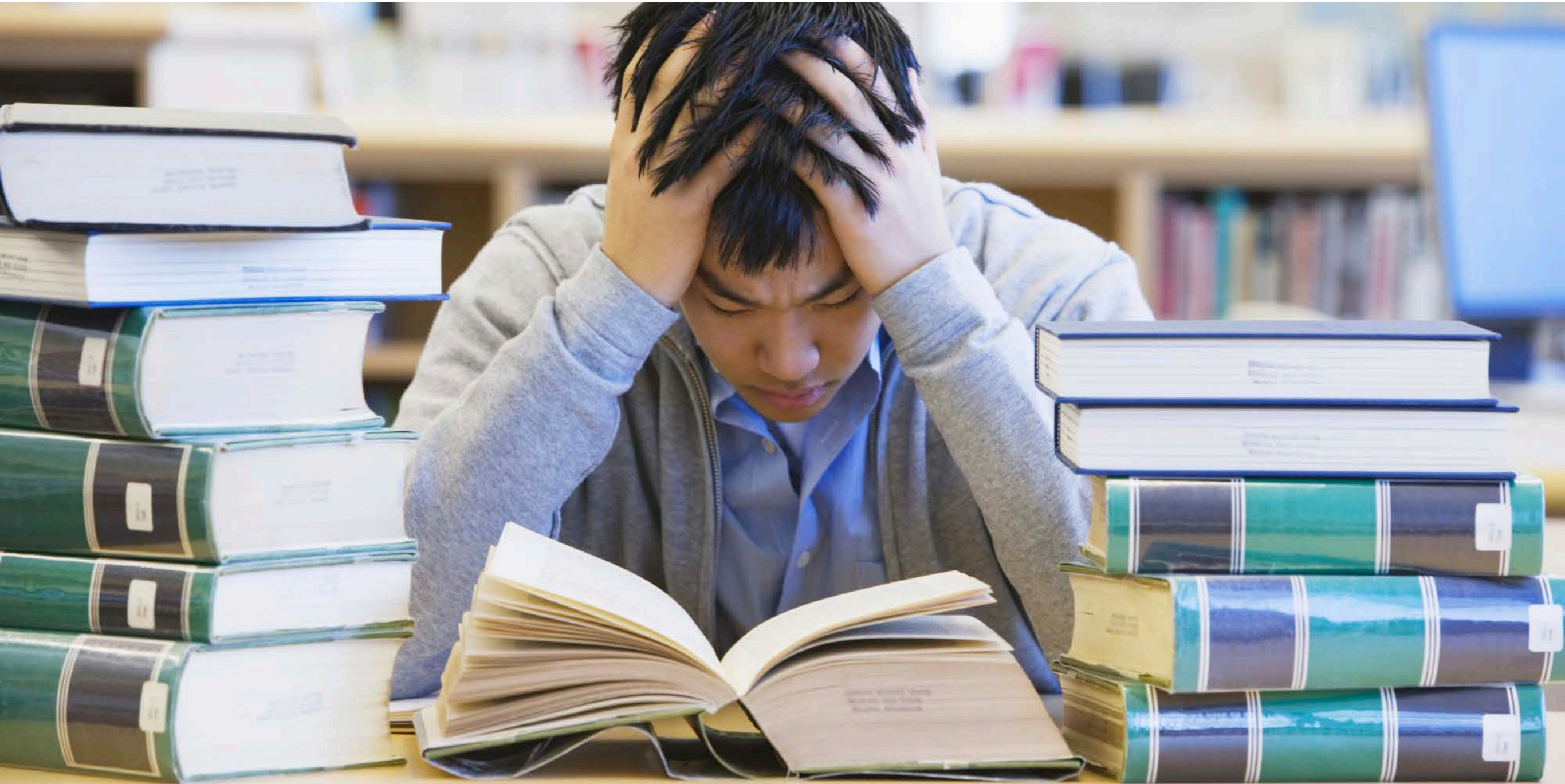
"my generation will ultimately lead the future and fix the inefficiencies in the world today. due to social media and the rise of digital content creators, it is very easy for my generation to be involved in making an impact."

"i am following a career path that i chose for myself because it is something that i am passionate about. the hobbies/interests that i have are things that i love to do and i don't do them because they are 'cool' or 'trendy.'"

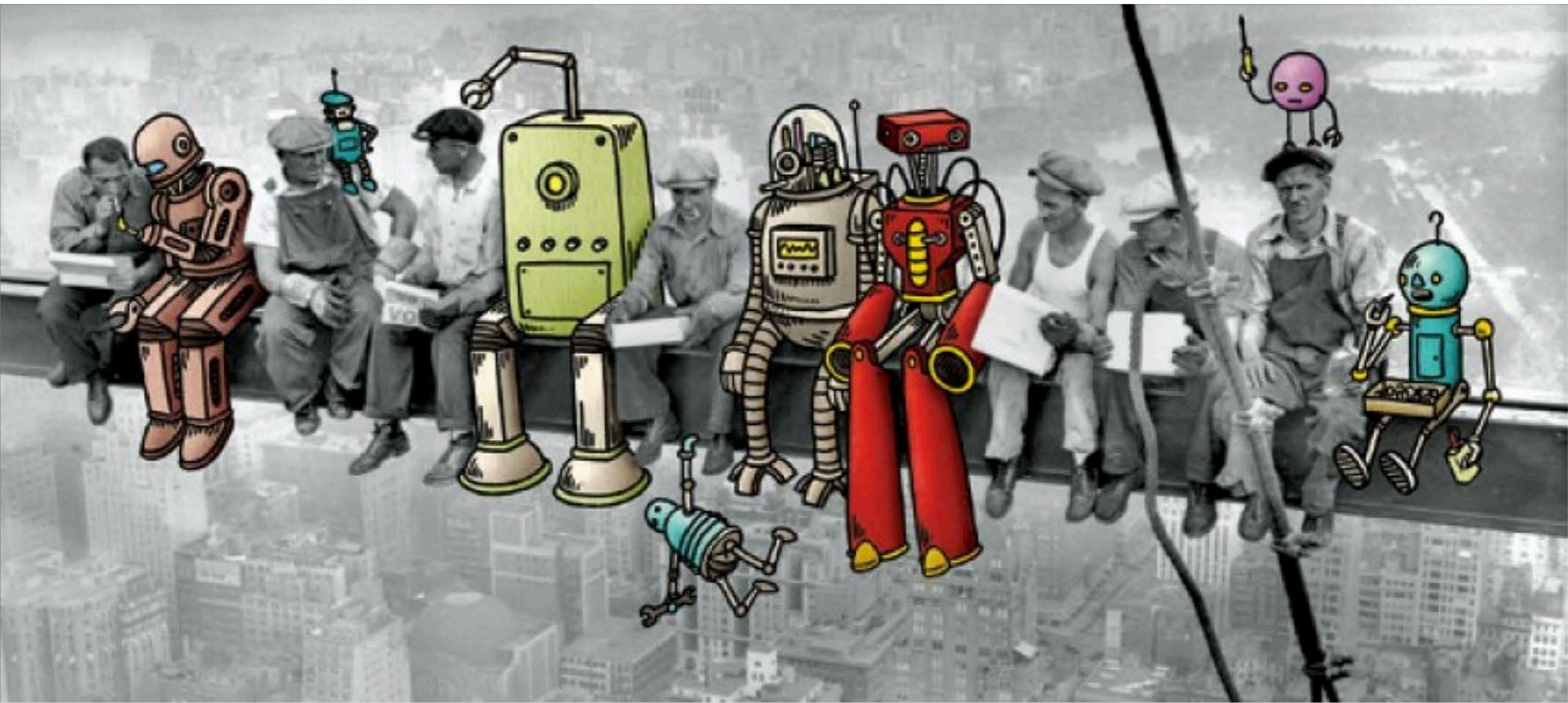
they also want to stay focused. they believe in keeping end goals in sight with no distractions.

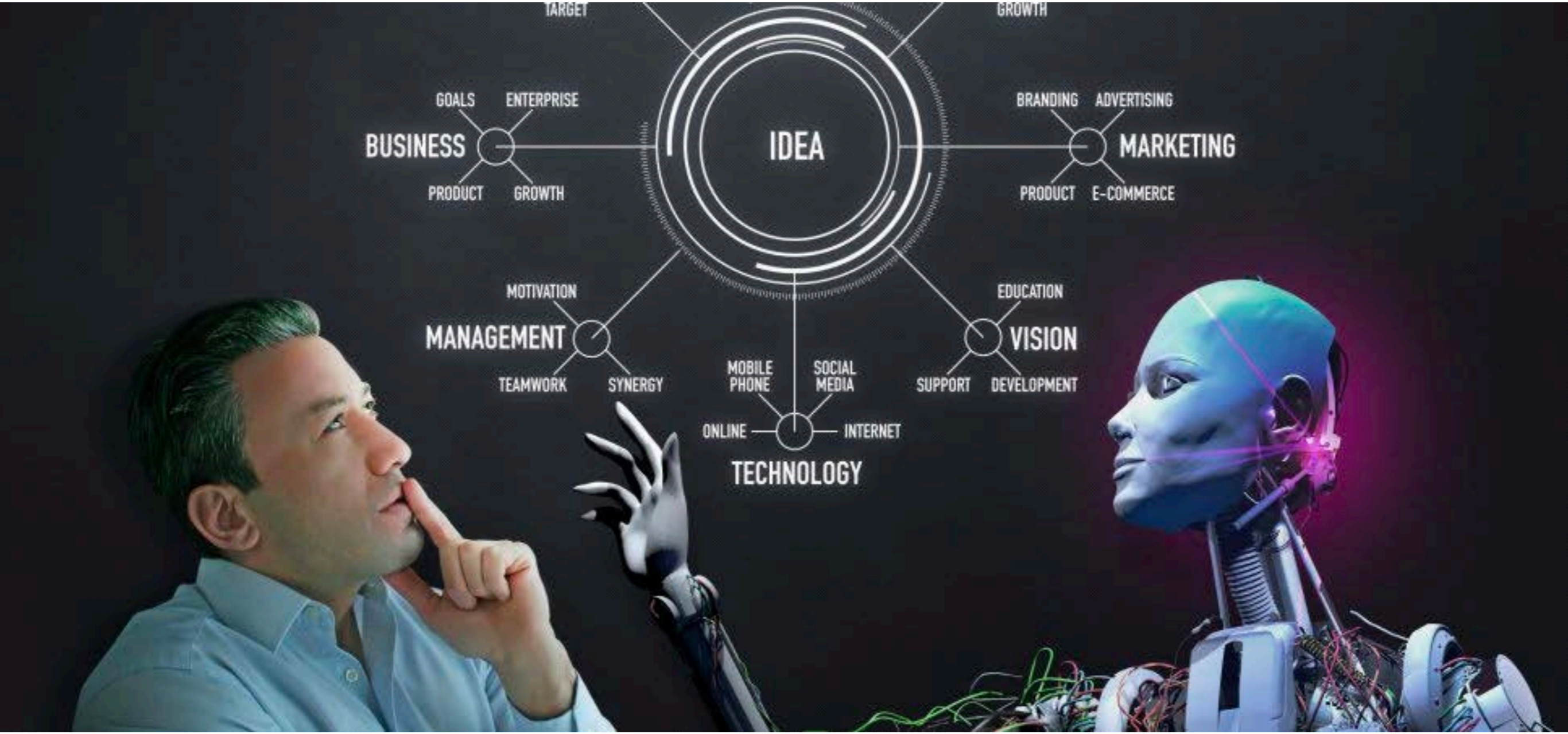
“it feels more natural for me to work to achieve expertise in one area”





ROBOTS ARE TAKING OVER THE WORLD







TIME
TO
RELAX

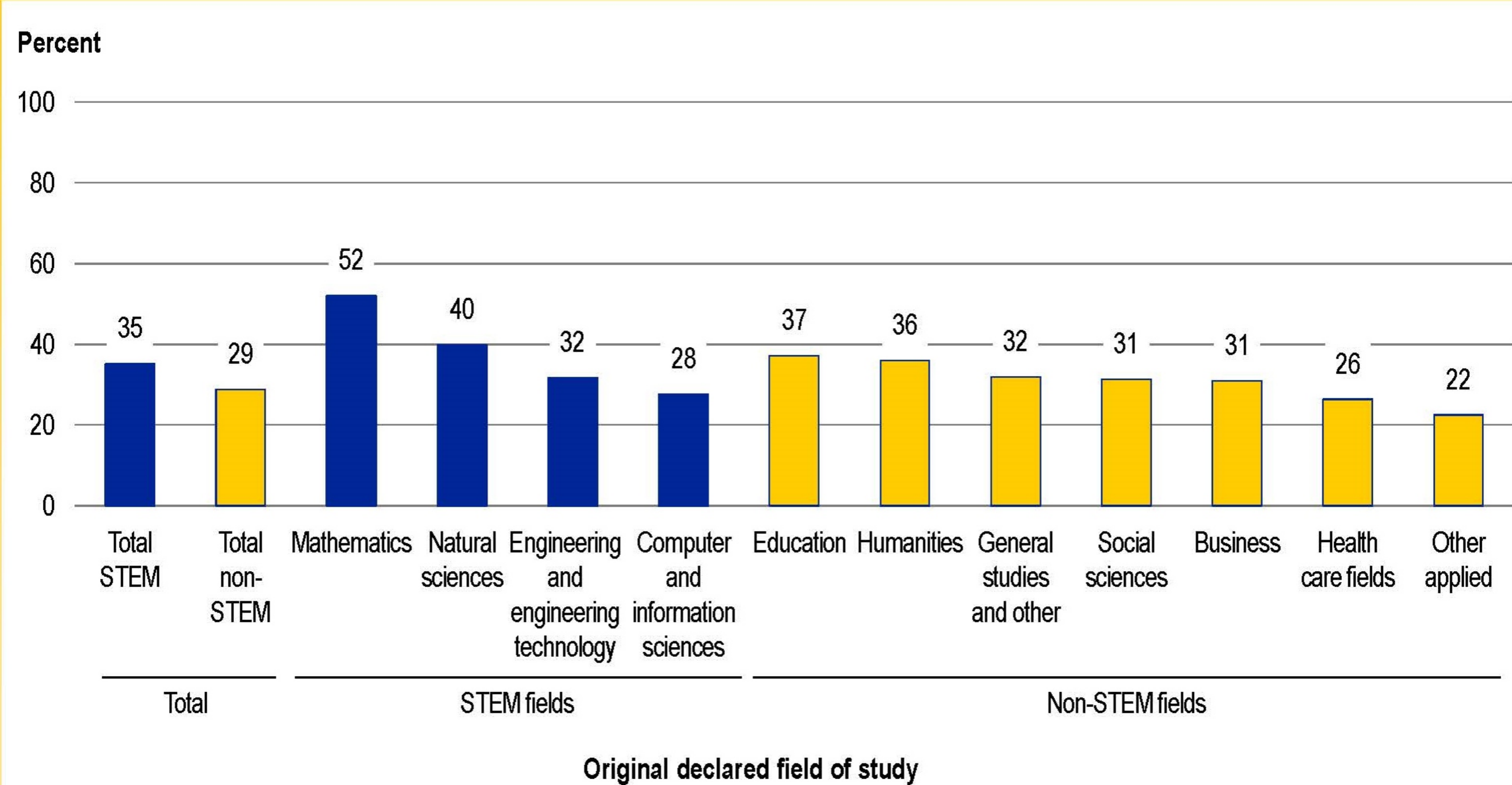
For a majority of colleges students

Your major does not define your career

& Don't Worry.....

**You're most likely going to change it in
college anyway**

FIGURE 2. Percentage of 2011–12 beginning postsecondary students who ever changed majors, by original declared field of study: 2014



5 Talents Needed to Survive the Robotic Age

Feeling: Empathy & Intuition

Seeing: How the parts fit the whole picture (systems thinking)

Dreaming: Applied Imagination

Making: Creativity, design, prototyping and testing

Learning: Learning how to learn

ADVISING GEN-Z

Tips for Working With High School Students in the Robotic Age

It can happen at your school with:

TVT Course Offerings include:

Ceramics, Electrical Engineering, Entrepreneurship, Film, Mechanical Engineering, Structural Engineering, Studio Art, etc.

TVT has also implemented a dean model

Grade level specific, starting in 6th grade, which handles the social/emotional well being of the student

Not every school has this luxury, but we also created space on campus to foster these talents

Last year, we opened an Art and Engineering Center, etc.

Tools We Can Use to Help the Undecided Student

Naviance Student

Career Cluster Finder, Career Interest Profiler, Do What You Are, etc.

Summer programming

Chapman (Dodge Film Academy), COSMOS, UCI, USC, etc.

Internships

Utilize local connections or community members

At TVT, we offer Immersion Programs

Biomedical Research, Game Design, Marketing Internship for an NGO, etc.

ROP programs

Tips for Working With High School Students in the Robotic Age

At TVT, we host Delaware's Southern California Diamond Challenge for High School Entrepreneurs

Utilize alumni to convey success stories to current students

Suggestion: Conduct a Q&A session in May after they return from school

Attend local conferences (SLC) to collaborate with other professionals to learn best practices

Be willing to have uncomfortable conversations about student development

It's okay that they do not know!

Where they go, versus how they engage, in college is tantamount!

University of Delaware University Studies Program



Our Approach

Our program is solely focused to serving UST student and is not affiliated within another college. Ex. Liberal Arts or Humanities

Very High Touch Point with frequent meetings with advisors

Consistently reevaluating the students in UST:

Self Interests & Skill Sets

Values

Career Exploration

Academic Options



UST by the Numbers

Past five years: 700 to 800 admits to UST each year

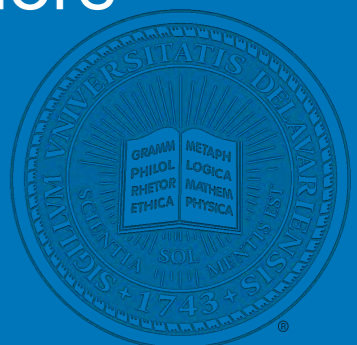
20% of the First Year Class

In addition, 100 to 130 students change from their major to UST throughout the year

Students that have accumulated more than 60 credits cannot transfer into UST

Time Spent in UST varies from 4 days to 4 semesters

90% of UST students declare by the end of their sophomore year



Top 3 Reasons Why Students Choose UST at University of Delaware

1. Exploring Programs

A majority of UST students: They are simply unsure about their passion and want to spend their time to examine as many options as they deem relevant before choosing their major.



Top 3 Reasons Why Students Chose UST at University of Delaware

2. Examining Programs

Students are admitted to UD but are torn between 1 or 2 academic programs. They use their time in UST to further examine those programs before committing to a major



Top 3 Reasons Why Students Chose UST at University of Delaware

3. Enhancing Skills

Students who apply to highly competitive programs but are admitted to UD as UST students. Based on their high school preparation, test scores, etc, UD feels strongly that they may not be successful if they begin in rigorous programs.

Students are given the option to attend UD as UST students and to complete pre-requisite course and apply for an internal transfer to intended programs



UST: Declaring a Major

60% of UD majors are unrestricted and can be declared at anytime regardless of GPA

30% of UD majors are considered competitive, but not off-limits for UST students

Most competitive: Majors in the Health Sciences & Engineering (Nursing, Biomedical and Chemical Engineering) & Entrepreneurship

Only one major ineligible for internal transfer: 3+2 program in Occupational Therapy—in conjunction with Thomas Jefferson University



UST: Student Life

Absolutely no different than any other UD student who is admitted directly into their major

UST students participate in:

Honors Program

Study Abroad

Internships

University Research



Advising UST Students:

Highly encourage student involvement in extra & co-curricular activities to further explore their passions

Consistent Interaction with Career Services, The Office of Academic Enrichment & Student Development

Recently developed UST Peer Liaison Connection pairs new UST students with former UST students to help eliminate isolation and to offer student engagement and support.



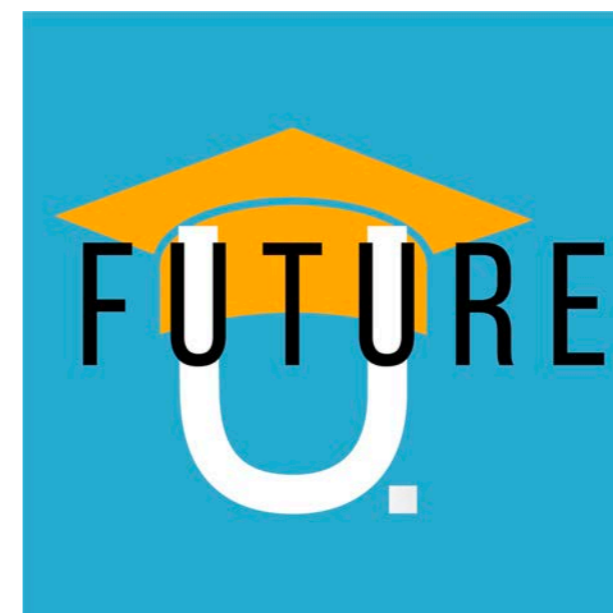
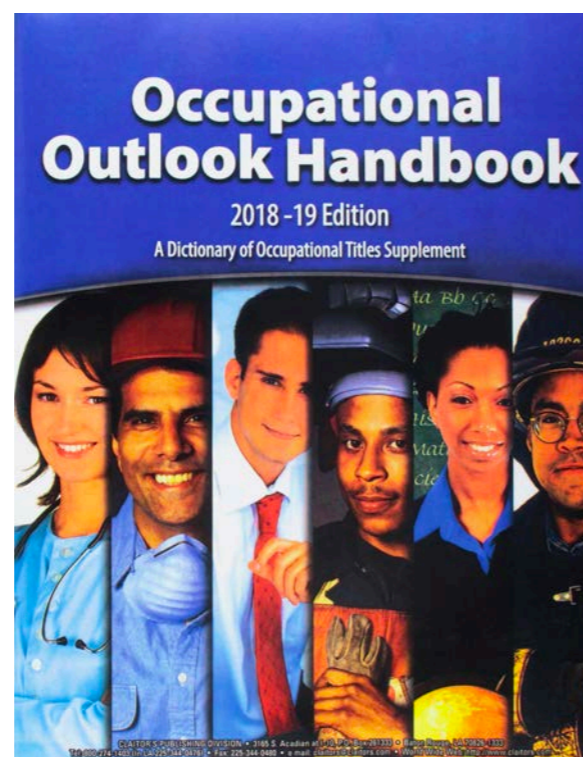
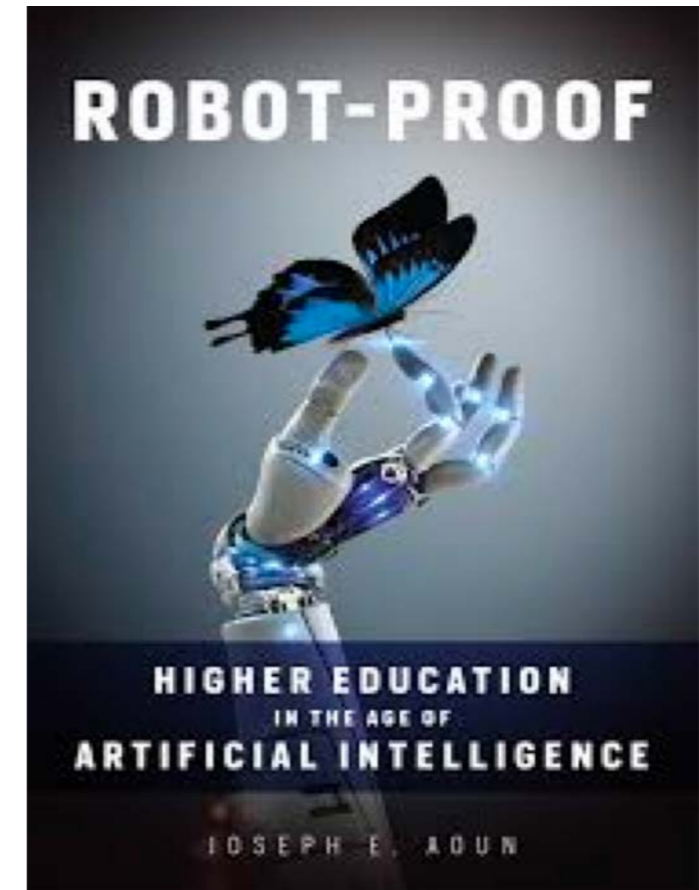
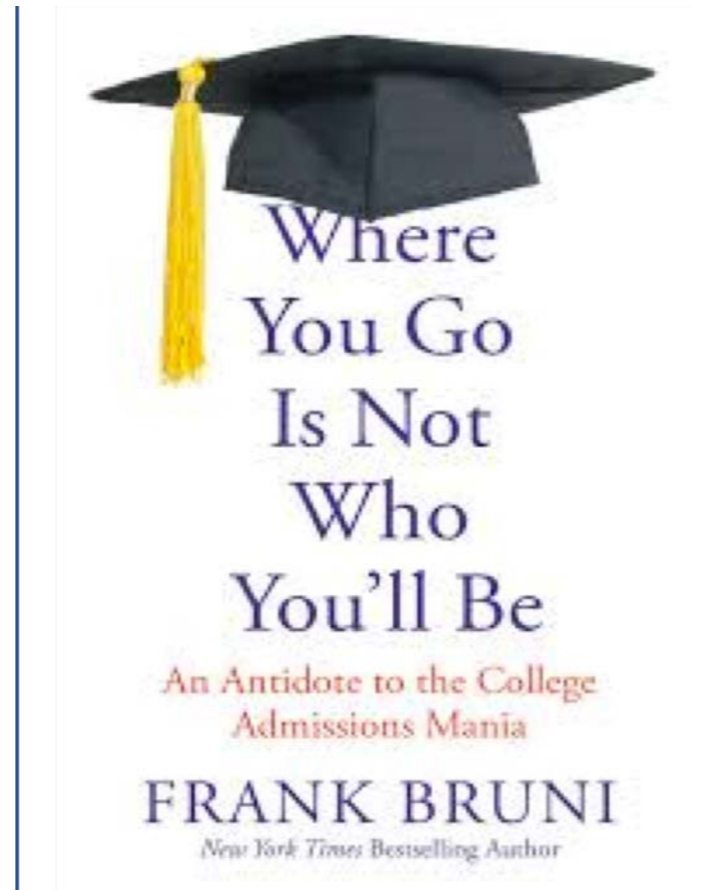
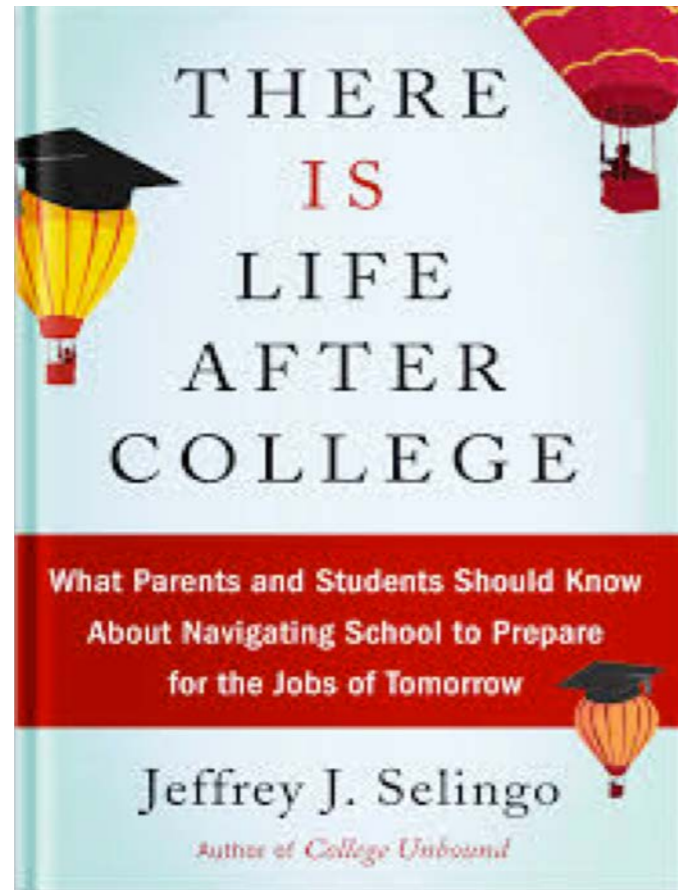


Explore the Benefits of a True Liberal Arts Education

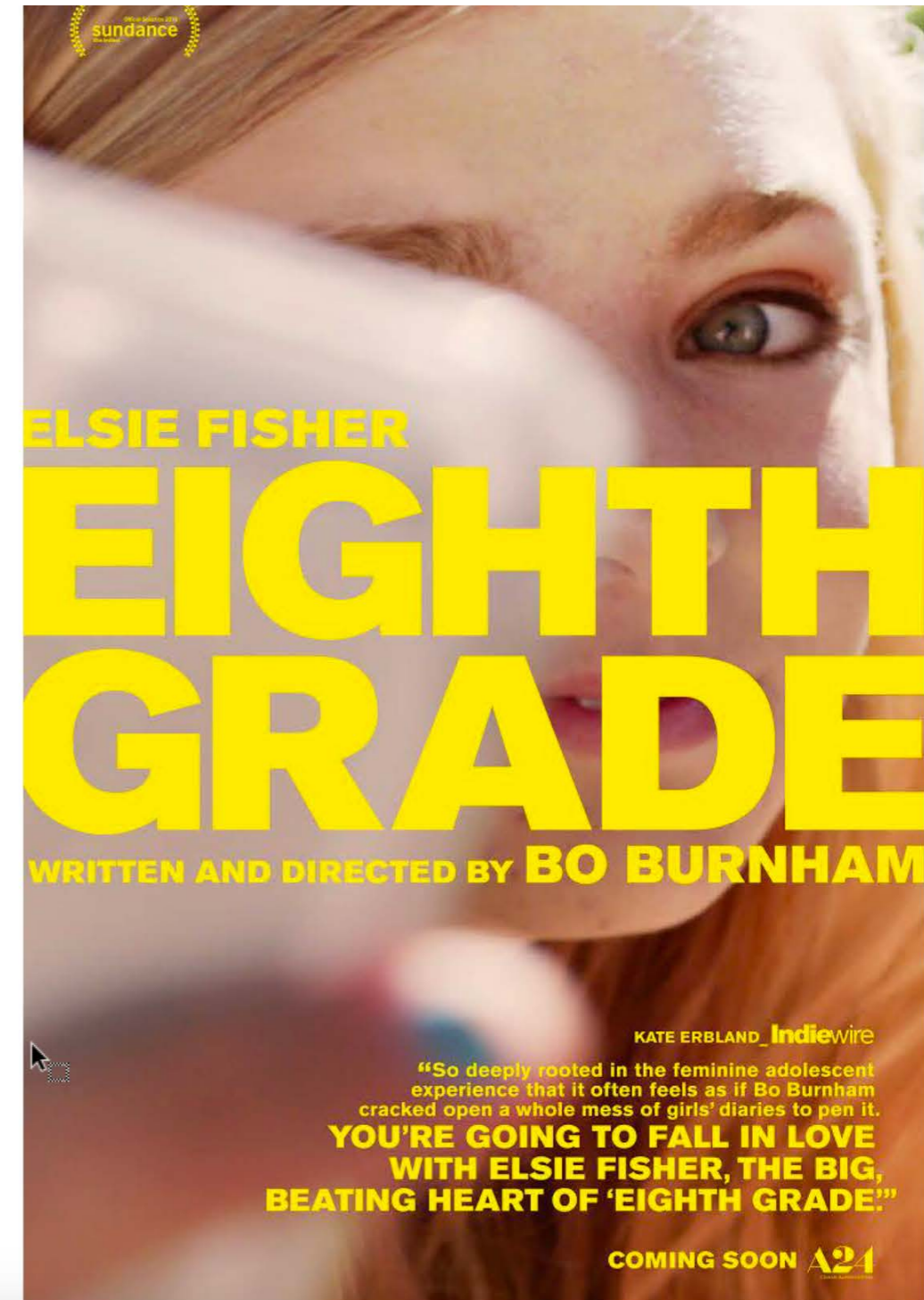
The logo for CTCCL.ORG features the acronym in large, orange, serif capital letters. The ".ORG" portion is smaller and oriented vertically to the right of the "L". Below the acronym, the full name "COLLEGES THAT CHANGE LIVES" is written in a smaller, blue, serif font.

CTCCL.ORG
COLLEGES THAT CHANGE LIVES

Great Resources



a summer indie explored what it means for kids to come of age and be themselves today.



LinkedIn





University of Delaware Career Insights

Change university

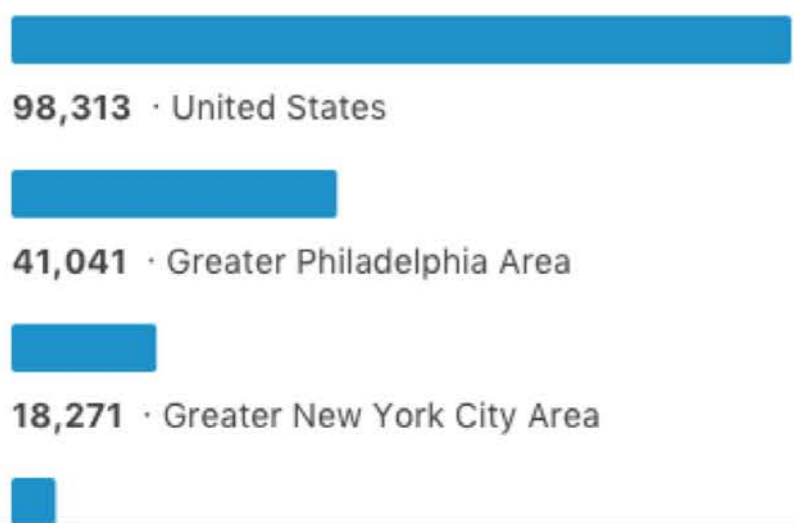
Attended Start year 1900 End year 2017

Search alumni by title, keyword or company

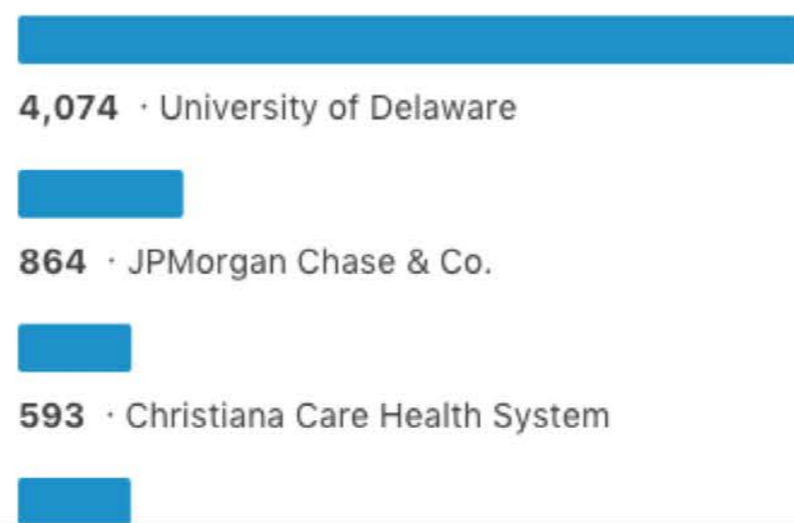
Previous Next

102,004 alumni

Where they live + Add



Where they work + Add



What they do



Show more



Search



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Search alumni by title, keyword or company

< Previous Next >

9,828 alumni

✓ engineer Clear all

Where they live + Add



9,279 · United States



3,491 · Greater Philadelphia Area



997 · Greater New York City Area



605 · Baltimore, Maryland Area



594 · Washington D.C. Metro Area



475 · San Francisco Bay Area



327 · Greater Boston Area

Where they work + Add



233 · University of Delaware



94 · DuPont



92 · W. L. Gore & Associates



72 · Siemens Healthineers



69 · JPMorgan Chase & Co.



58 · Lockheed Martin



56 · Boeing

What they do



4,569 · Engineering



1,332 · Operations



1,281 · Information Technology



857 · Business Development



734 · Program and Project Management



596 · Education



561 · Research



Search



Home



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Jobs



Messaging



Notifications ²



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Work

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University of Delaware Career Insights

Change university

Start year: to End year:

Attended

Search alumni by title, keyword or company

< Previous Next >

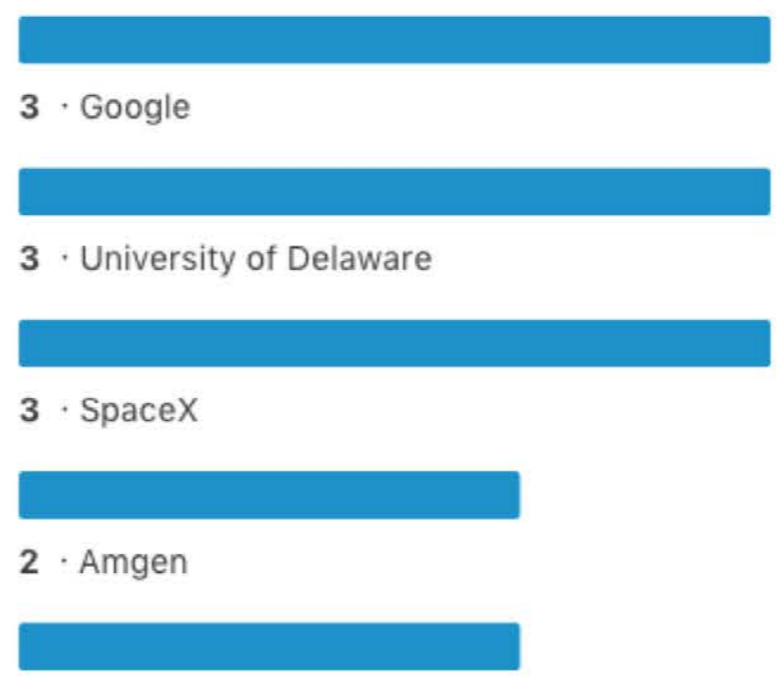
108 alumni

- Greater Los Angeles Area
- engineer
- Clear all

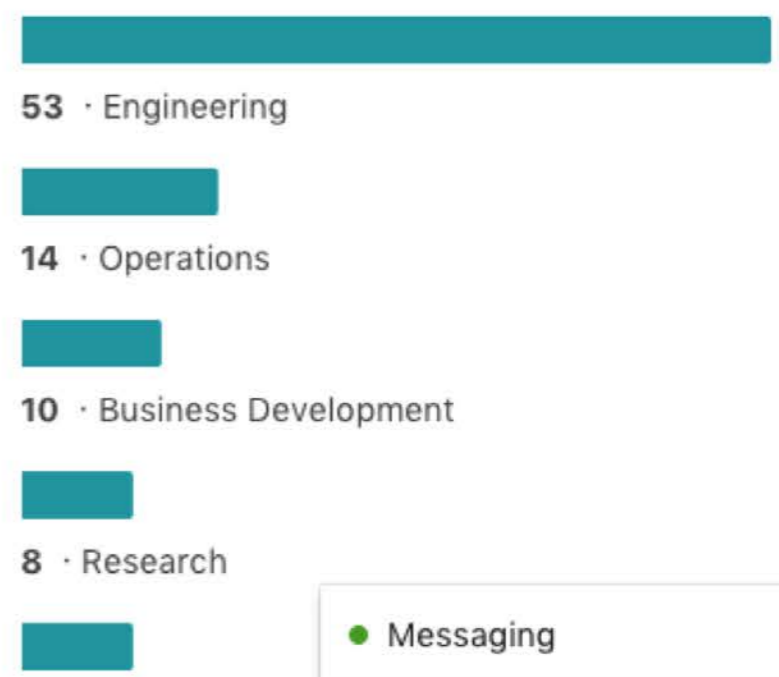
Where they live + Add



Where they work + Add



What they do



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Messaging



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Me



Work

Try Pr
for

3 alumni

✓ SpaceX

✓ Greater Los Angeles Area

✓ engineer

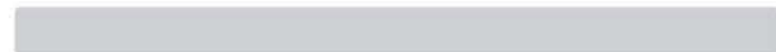
Clear all

Where they live

+ Add



3 · Greater Los Angeles Area



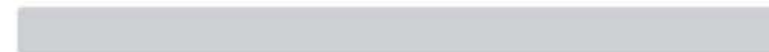
3 · United States

Where they work

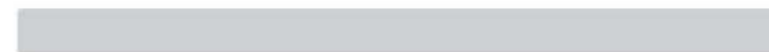
+ Add



3 · SpaceX



3 · University of Delaware



3 · Google

What they do



2 · Engineering



1 · Operations

Show more



Sarah O'Neill · 3rd
Mechanical Engineer
'09

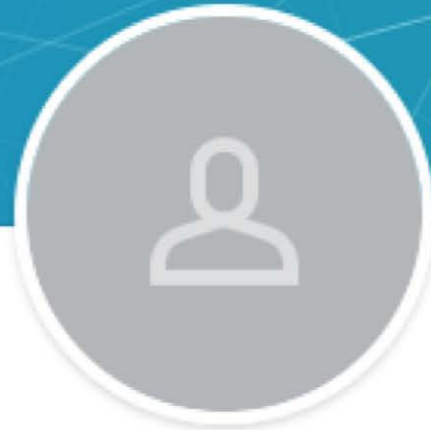


Jason McLaughlin · 3rd
Composite Production
Engineer at Space Exploratio...
'08 Mechanical Engineering, ...



Matthew Grusenmeyer · 3rd
Composite Tooling Engineer at
SpaceX
'10 Mechanical Engineering

● Messaging



Jason McLaughlin • 3rd

Composite Production Engineer at Space Exploration Technologies

Space Exploration Technologies • University of Delaware

Hawthorne, California • 233 

[Send InMail](#)



Specialties: Design and analysis of composite structures, computer aided design and drafting (CADD), finite element analysis, mechanical testing, manufacturing and processing of composite materials.



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Work

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Experience



Composite Production Engineer
Space Exploration Technologies
Sep 2012 – Present • 5 yrs 6 mos



Composite Engineer
Cobham Defense Electronic Systems
Aug 2011 – Aug 2012 • 1 yr 1 mo



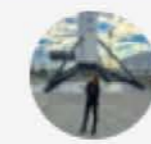
Limited Term Researcher
Center for Composite Materials
Oct 2008 – Jul 2011 • 2 yrs 10 mos
Newark, DE

Technical responsibilities include composite laminate development, computer aided design and drafting of parts and assemblies using CATIA v5, FEA analysis and manufacturing process development for VARTM prototype applications.
Management responsibilities include project planning, technical progress reporting, student intern research advisement, subcontract management and customer relations.

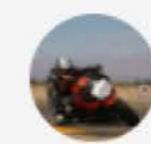


Undergraduate Research Assistant
Center for Composite Materials
Jan 2008 – Sep 2008 • 9 mos

Mechanical testing and characterization, VARTM process development and prototype



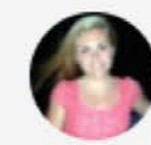
Stephanie Xenos • 3rd
SpaceX Seattle



Arek Stanton • 3rd
Senior Development Engineer at
Space Exploration Technologies



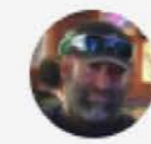
Jose Melendez • 3rd
Composites Structures at Virgin Orbit



Brittany J. • 3rd
Recruiting Operations Lead at
SpaceX



Kevin Fuhriman • 3rd
Flight Module Logistics

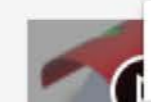


Greg Cammack • 3rd
Manufacturing Engineer at Votaw
Precision Technologies

Learn the skills Jason has



SOLIDWORKS: Advanced Tools
Viewers: 9,661



Messaging





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Messaging



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Work

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Education



University of Delaware

BME, Mechanical Engineering, concentration in Aerospace Engineering

2004 – 2008

Activities and Societies: Member of ASME, NSPE and SAMPE

Featured Skills & Endorsements

Composites · 21



Endorsed by John Tierney and 3 others who are highly skilled at this



Endorsed by 3 of Jason's colleagues at SpaceX

Interests



SAMPE

6,639 members



Composites Industry Forum

23,713 members



ASME (American Society of Mec...

249,983 members



Charter School of Wilmington Al...

442 members



University of Delaware Official ...

13,328 members



ASME Aerospace

8,705 members

[See all](#)



SOLIDWORKS: Sheet Metal Design

Viewers: 20,639

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[Learn more](#)

Messaging



LinkedIn Profile Checklist

PHOTO: It doesn't have to be fancy - just use your cellphone camera in front of a plain background. Wear a nice shirt and don't forget to smile!

HEADLINE: Tell people what you're excited about now and the cool things you want to do in the future.

SUMMARY: Describe what motivates you, what you're skilled at, and what's next.

EXPERIENCE: List the jobs you held, even if they were part-time, along with what you accomplished at each. Even include photos and videos from your work.

HONORS & AWARDS: If you earned a prize in or out of school, don't be shy. Let the world know about it!

The screenshot shows a LinkedIn profile for Amy Gomez. The header includes the LinkedIn logo, a search bar, and the text "Search for people, jobs, companies, and more...". The profile picture is a headshot of a young woman with long dark hair. To the right of the photo, the name "Amy Gomez" is displayed, followed by the headline "Gadget Lover and Aspiring Engineer" and the location "San Francisco Bay Area | Computer Software". Below this, it lists "Previous: Best Buy" and "Education: Archbishop Mitty High School". There are buttons for "Improve your profile" and "Edit", and a "153 connections" indicator. The URL "www.linkedin.com/in/amygomez/" and a "Contact Info" button are also visible.

Background

Summary

I live for tech. I'm always the first one in my school to know about the latest gadget or newest website. And while it may be a little geeky, that's my passion.


My dream is to go from someone who reads about the newest technology to the person who makes it! So I'm working hard to learn Java and Ruby. And then, someday, I plan to start my own tech company.

Experience

Repair Technician
Best Buy

June 2013 - August 2013 (3 months) | San Jose, CA

Worked 20 hours a week in the Service Department, fixing everything from laptops to iPhones. Received 5-star rating from 97% of customers.



A video I made for my teammates on how to replace cracked iPhone screens

Honors & Awards

California Scholarship Federation
Archbishop Mitty High School

May 2012

Received a scholarship from the California Scholarship Federation (CSF), the oldest such institution in the state. CSF grants scholarships to just 50 students across California each year, based on academics, community service, and citizenship.

Continued >>

PROJECTS: Whether you led a team assignment in school or built an app on your own, talk about what you did and how you did it.

COURSES: List the classes that show off the skills and interests you're most excited about.

SKILLS & EXPERTISE: Add at least 5 key skills - and then your connections can endorse you for the things you're best at.

ORGANIZATIONS: Have you joined any clubs at school or outside? Be sure to describe what you did with each organization.

VOLUNTEER EXPERIENCE & CAUSES: Even if you weren't paid for a job, be sure to list it. Admissions officers and employers often see volunteer experience as just as valuable as paid work.

EDUCATION: Starting with high school, list all the educational experiences you've had - including summer programs.

RECOMMENDATIONS: Ask managers, teachers, or classmates who've worked with you closely to write a recommendation. This gives extra credibility to your strengths and skills.

Projects

FIRST Robotics Competition

April 2013

Worked with my fellow Robotics Club members to build a functioning robot for the world's largest high school competition. By using artificial intelligence, our robot was able to cross a playing field on its own and score goals!

↳ 8 team members, including:



Amy Gomez
Gadget Lover and Aspiring Engineer



Ashley Reese
Robotics Club VP

Courses

Archbishop Mitty High School

- AP English Literature and Composition
- Statistics
- AP Physics C Electricity & Magnetism

Skills & Expertise

Most endorsed for...

- 12 Laptops 
- 11 Customer Service 
- 10 Troubleshooting 
- 10 Computer Hardware 
- 10 Windows 7 

Organizations

Robotics Club

President

April 2012 - Present

Helped found and lead my school's first robotics club, including a trip to the Sacramento Regional for the FIRST Robotics Competition.

Volunteer Experience & Causes

Volunteer

Habitat for Humanity International

January 2013 | Disaster and Humanitarian Relief

Helped to build a new home for a refugee family from Somalia.



Education

Archbishop Mitty High School

2010 - 2014 (expected)

Recommendations

Received (1) ▾

Repair Technician

Best Buy



David Lee
Manager, Service Department

“Amy was one of the best summer workers I've ever had. She came in and figured out how to fix just about anything, no matter how tricky. And she always made our customers feel good about their experience, even if they were nervous about using technology. Highly recommended!”

October 30, 2013. David managed Amy at Best Buy

Students Can Use the Creation of Their LinkedIn Profile to Prepare For...

THE COMMON
APPLICATION



T H E C O A L I T I O N



Contact Information



Johnathan Rastello

Director of College Counseling &
Upper School Dean

jrastello@tarbut.com



Chuck Liddiard

Assistant Director: West Coast Admissions &
Horn Program Youth Entrepreneurship Coordinator

liddiard@udel.edu