BOISE STATE UNIVERSITY

Academic Integrity & Student Identity Verification Boise State University

WCET Presentation

10/13/16

Kathy Pidjeon

BOISE STATE UNIVERSITY

Boise State University

Boise State University

- Public, metropolitan university
- Carnegie doctoral research university of distinction
- Largest in Idaho - More than 22,000 students
- Over 40% students take at least one online course
- About 2,000 are exclusively online students
- Offer 27 academic online degrees and certificates

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Boise State University

FRIDAY, JULY 11, 2014 • A7

NATION / WORLD

Improper payments top $100 billion

Investigators say the 'staggering' figure could be even higher.

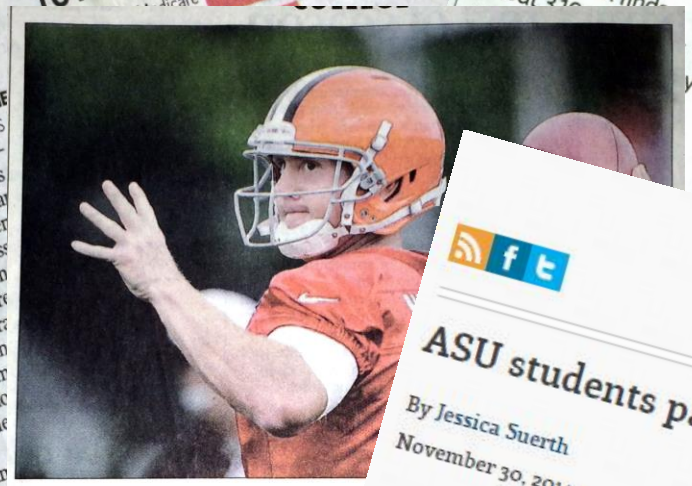
BY STEPHEN OHLEMACHE
THE ASSOCIATED PRESS

WASHINGTON —

PROGRAMS MOST SUBJECT TO IMPROPER PAYMENTS IN 2013

$36 billion

Probe: UNC academic fraud was 'shadow curriculum'



WEEDEN DISPUTES REPORT Browns quar
trated's allegations of widespread corruption within
cal" and said one of the magazine's reporters has an agenda
set numerous records at Oklahoma State from 2008-11, said he "literally
while reading the first part of SI's investigative series. Weeden said the players
for the exposé "are guys that aren't real credible." Weeden said he did not accept any
while he was at OSU and praised coach Mike Gundy for running a clean program.

Report targets academic fraud at Oklahoma State

THE ASSOCIATED PRESS
STILLWATER, Okla. —

YAHOO: SEC PLAYERS GOT BENEFITS

The State Press

News Sports A&E Opinion Multimedia Magaz

ASU students pay company to do their homework

By Jessica Suerth
November 30, 2014 at 5:44 pm

Like 672 Tweet 28

Why ASU
See the cl
Future of

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34 CFR 602.17

Enacted 7/1/10; pertaining to HEOA (2008)

(g) Requires institutions that offer distance education or correspondence education to have processes in place through which the institution establishes that the student who registers in a distance education or correspondence education course or program is the same student who participates in and completes the course or program and receives the academic credit. The agency meets the requirement if it –

(1) Requires institutions to verify the identity of a student who participates in class or coursework **by using, at the option of the institution, such methods as** –

(i) A secure login and pass code;

(ii) Proctored examinations; and

(iii) New or other technologies and practices that are effective in verifying student identity; and

(2) Makes clear in writing that institutions must use processes that protect student privacy and notify students of any projected additional student charges associated with the verification of student identity at the time of registration or enrollment.

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Regulatory/Compliance Pressures

34 CFR 602.17.G: (to accrediting agencies)
"the student who registers…
is the same student who participates…"

Briefing Paper (2008)
Best Practices (2009)

2.D.14: "*effective identity verification process*" (2010)

USDOE Directives (GEN-11-17, …)
OIG Management Report (2013)
OIG Audit Report (2014)

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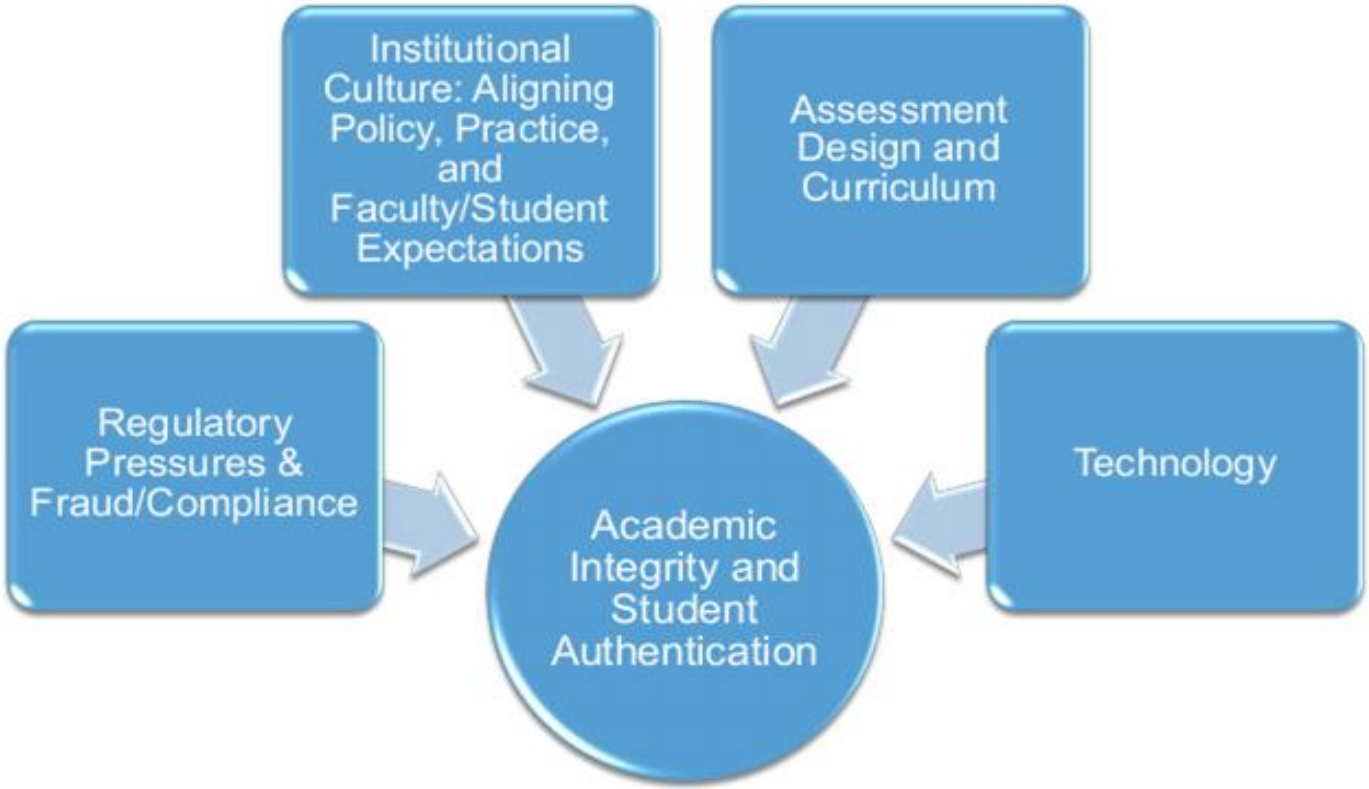
Four Factors Shaping AI Practice



Dowden, McGill & Prineas (2013)

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Methodology

- Mixed method data collection
- Academic and technical advisory teams
- Subject matter experts
- Literature review
- WCET, ICAI resources
- Peer & “wanna be” institution practices
- Primary research – 3 surveys

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Recommendations

- Strengthen infrastructure
  - Staff, liaisons, self-evaluation
- Increase AI awareness, education for students
  - Orientation, tutorial, resources
- Increase understanding, training for faculty
  - Curriculum design, assessments, resources
- Move beyond minimal verification parameter
  - Augment log-in & password, conduct pilot

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Outcomes to Date

- Strengthen infrastructure
  - Academic Integrity Program Director (DOS)
  - Associate Coordinator-Remote & Online Testing (CTL)
  - Quarterly compliance meetings (Fin Aid)

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Outcomes to Date (cont)

- Increase AI awareness, education for students
  - Testing Online AI tutorial
  - 703 students assigned the course
  - 312 students as a sanction
  - DOS investigating use by all students

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Outcomes to Date (cont)

- Increase understanding, training for faculty
  - DOS tracking misconduct in online courses
  - Faculty may submit online Misconduct Reports
  - eC2 enhanced online faculty orientation content
  - CTL offering faculty workshop online

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Outcomes to Date (cont)

- Move beyond minimal verification parameter
  - Evaluated alternatives, conducted pilot

BioSig-ID™
Patented, software-only biometric solution

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Online Proctoring
and
Student Identity Verification

Kelvin Bentley, Ph.D.
Vice President for Academic Affairs
TCC Connect Campus

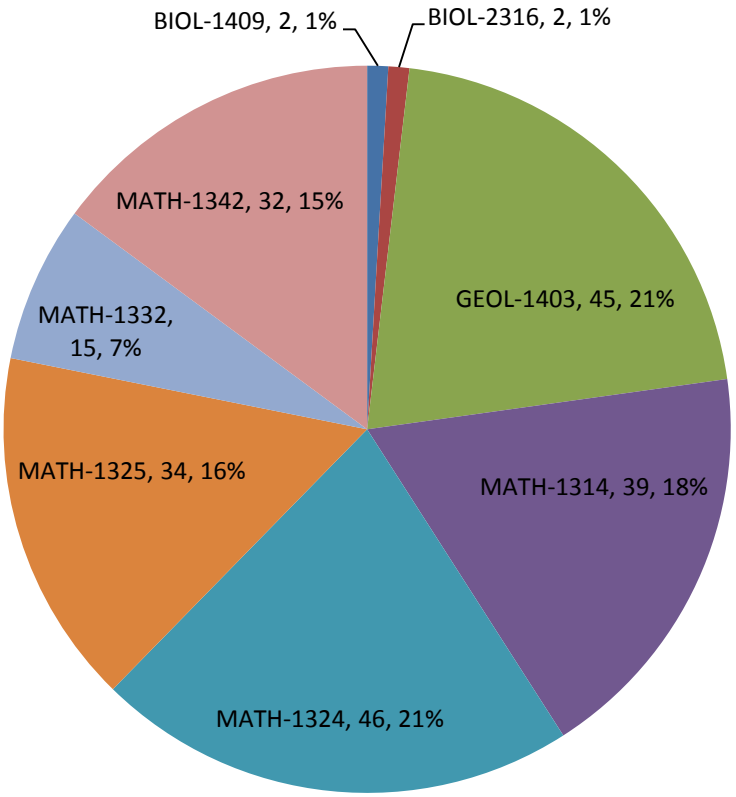
Online Proctoring

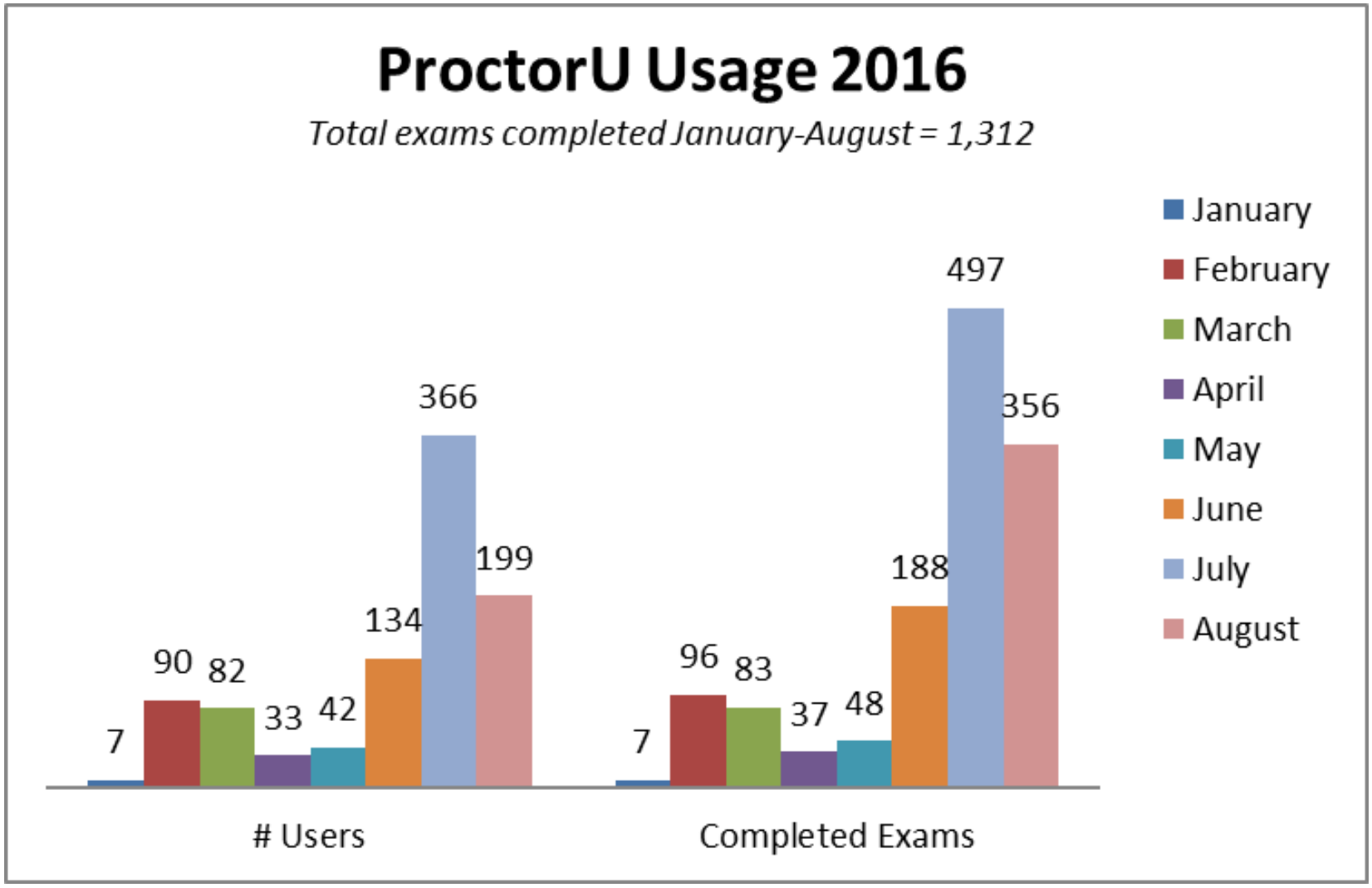
- ProctorU selected after an RFP process
- 46 faculty have used the service since Fall 2015
- Students are monitored via web cam and application sharing

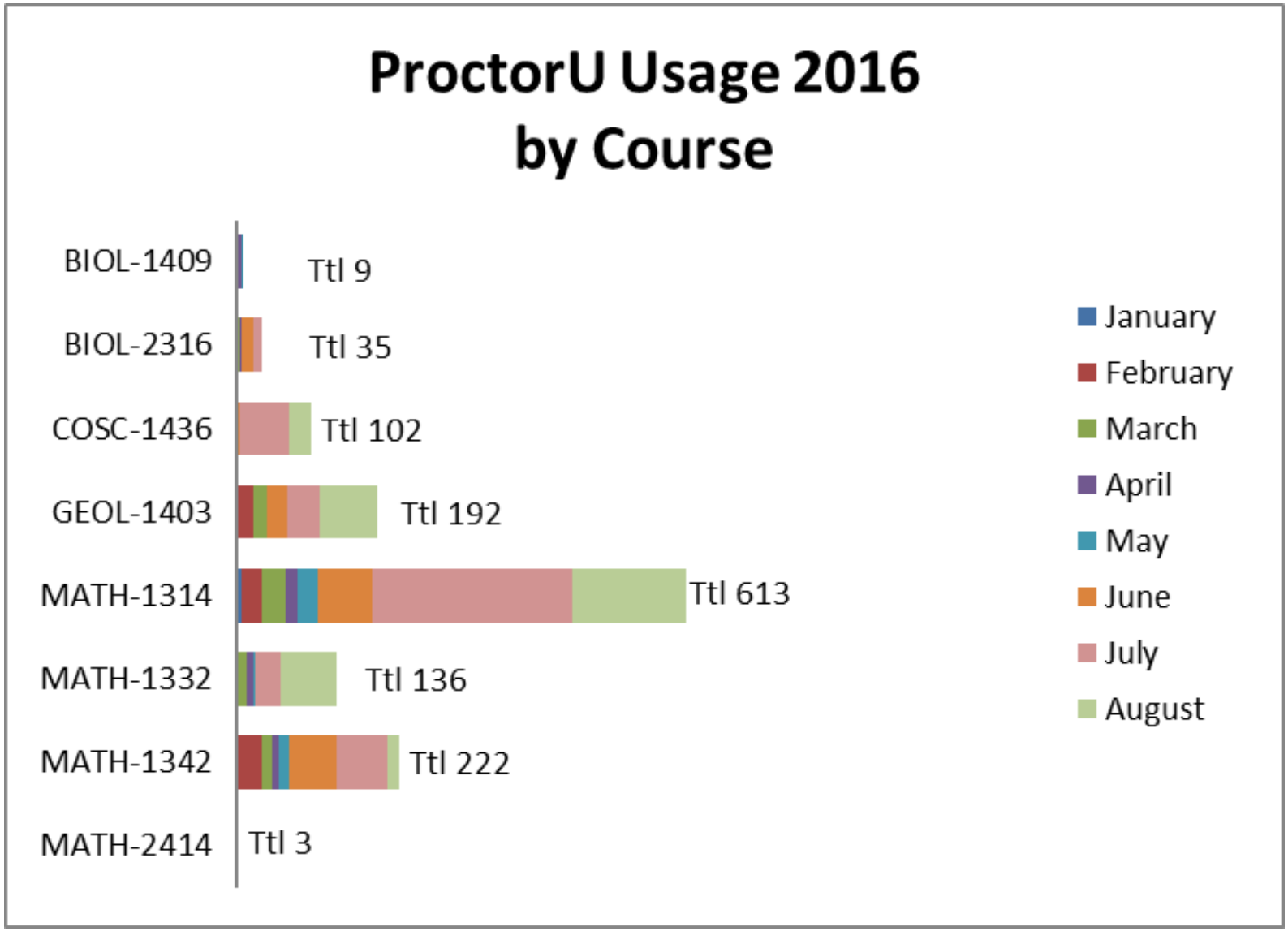
ProctorU Usage Fall 2015

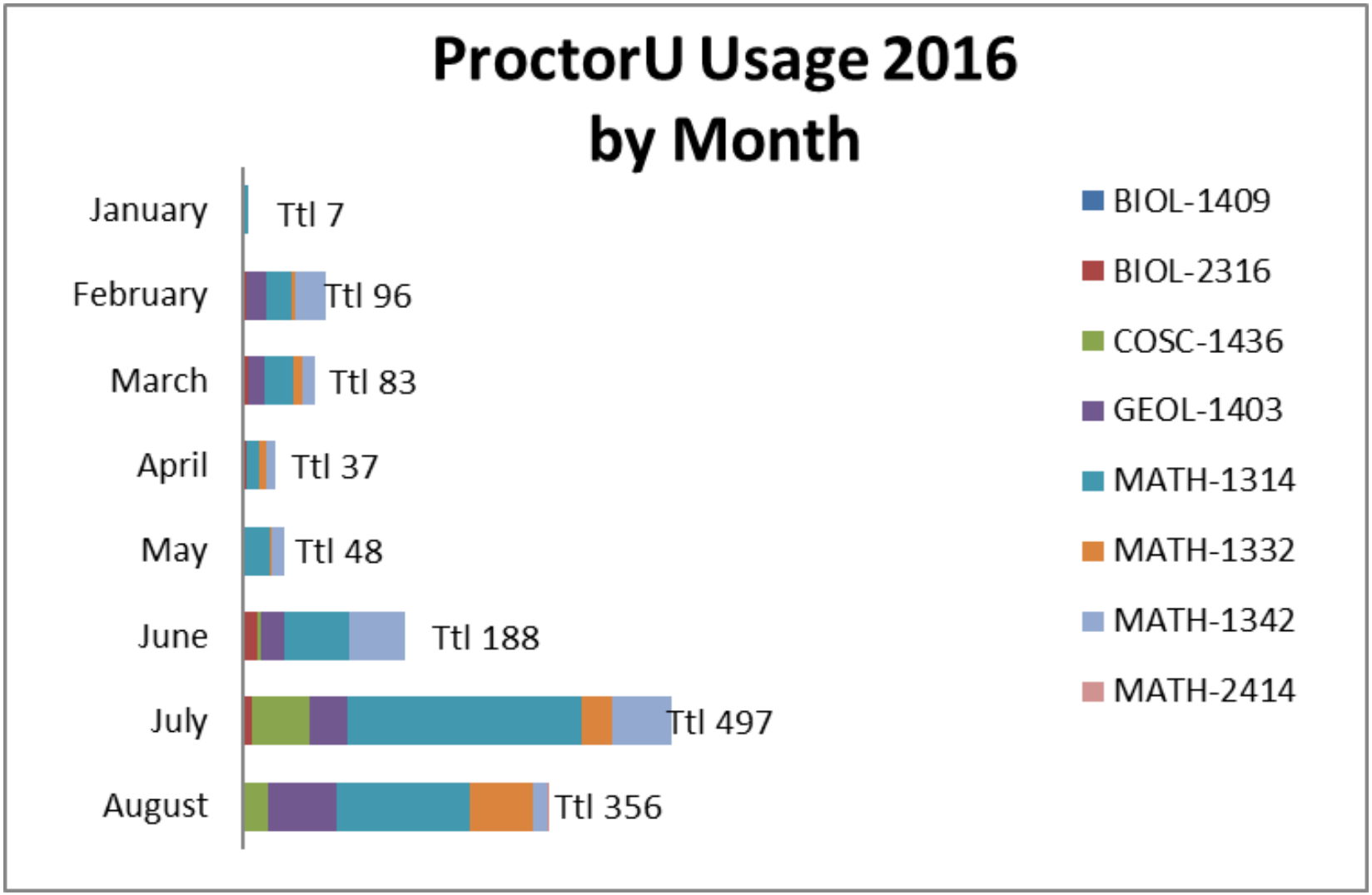
Total Users = 113

Total exams completed = 215




ProctorU Usage 2016
Total exams completed January-August = 1,312
January
February
March
April
May
June
July
August
7
90
82
33
42
134
366
199
Users
7
96
83
37
48
188
497
356
Completed Exams


ProctorU Usage 2016
by Course
BIOL-1409
Ttl 9
BIOL-2316
Ttl 35
COSC-1436
Ttl 102
GEOL-1403
Ttl 192
MATH-1314
Ttl 613
MATH-1332
Ttl 136
MATH-1342
Ttl 222
MATH-2414
Ttl 3
January
February
March
April
May
June
July
August

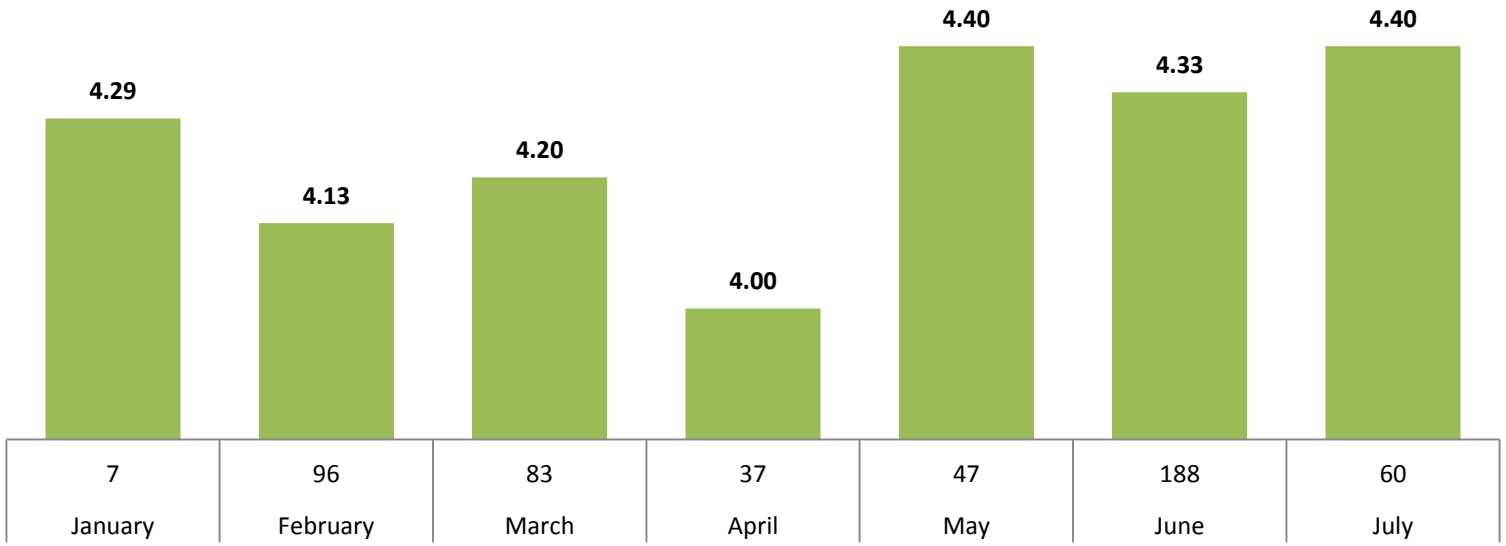

ProctorU Usage 2016
by Month
January
Ttl 7
February
Ttl 96
March
Ttl 83
April
Ttl 37
May
Ttl 48
June
Ttl 188
July
Ttl 497
August
Ttl 356
BIOL-1409
BIOL-2316
COSC-1436
GEOL-1403
MATH-1314
MATH-1332
MATH-1342
MATH-2414

ProctorU User Satisfaction

January 25-July 6, 2016

Total number of Responses = 518

Overall Satisfaction rating = 4.26



ProctorU User Satisfaction by Course

January 25-July 6, 2016

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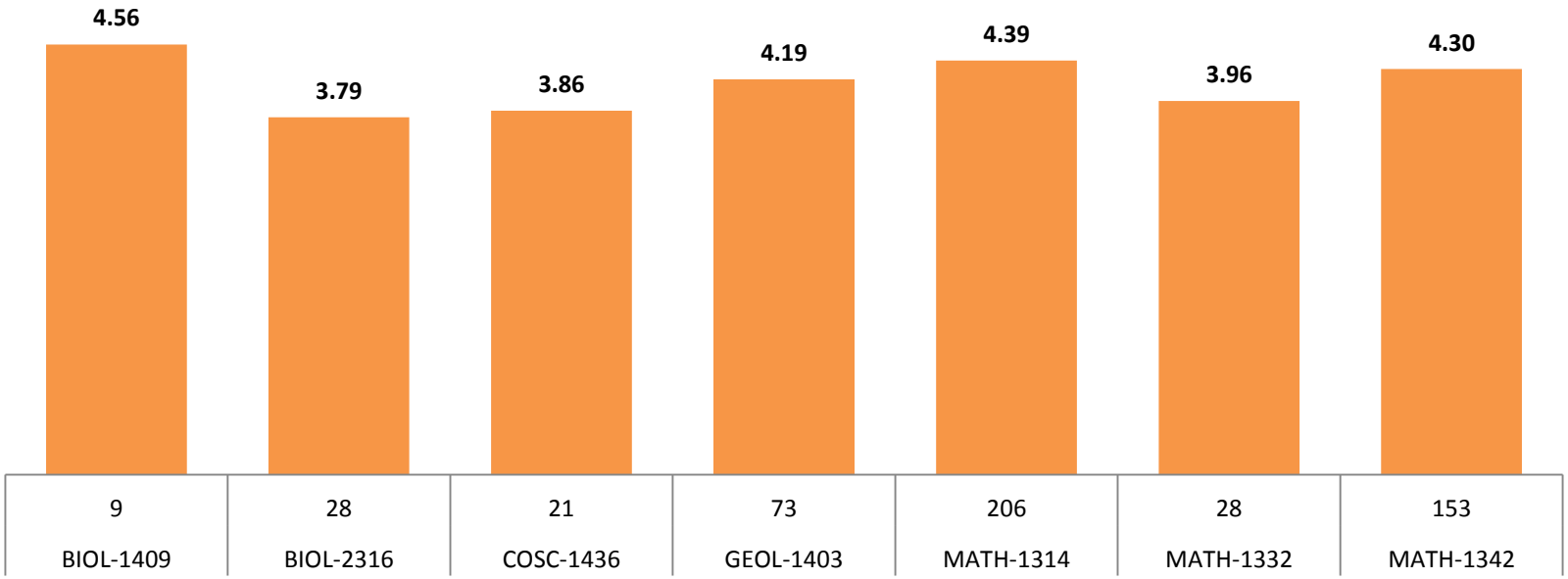


The New Cheating Economy

By Brad Wolverton | August 28, 2016 ✔ PREMIUM

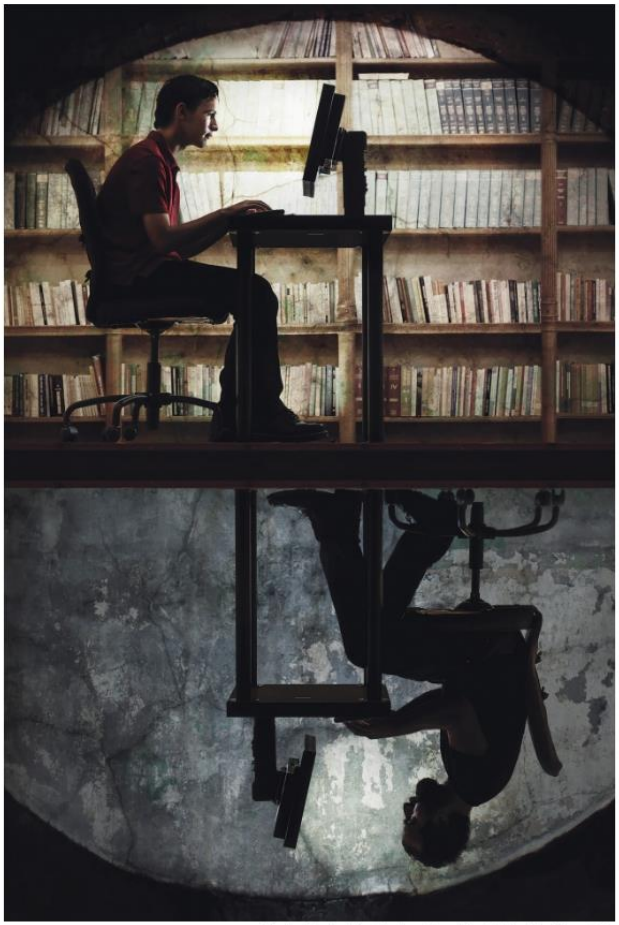


Photo illustration by Jonathan Barkat for The Chronicle

Fifteen credits were all he needed. That's what the school district in California where Adam Sambrano works as a career-guidance specialist required for a bump in pay. But when he saw the syllabus for a graduate course he'd enrolled in last year at Arizona State University, he knew he was in trouble.

Among the assignments was a 19-page paper, longer than anything he'd ever written. The idea of that much research worried Mr. Sambrano, who also spends time serving in the Army National Guard.

Before the class started, he went on Craigslist and enlisted the service of a professional cheater. For $1,000 — less than the monthly housing allowance he was receiving through the GI Bill, he says — Mr. Sambrano hired a stranger to take his entire course.

He transferred $500 upfront, "From Adam for ASU," according to a receipt obtained by *The Chronicle*. Then he just waited for the cheater to do his work.

On any given day, thousands of students go online seeking academic relief. They are first-years and transfers overwhelmed by the curriculum, international students with poor English skills, lazy undergrads with easy access to a credit card. They are nurses, teachers, and government workers too busy to pursue the advanced degrees they've

https://go.proctoru.com/reservations/b013ce1e-0179-4dc0-a4e3-454ca7f87020

Home Schedule Sessions Users Reports ProctorU Contact

User

User	Institution
Elizabeth Melfi	Tarrant County
User ID	College District
9c3328a2	**Time Zone**
Phone	US/Central
9176646893	**Status**
Email	Active
elizabeth.melfi@my.tccd.edu	

Session

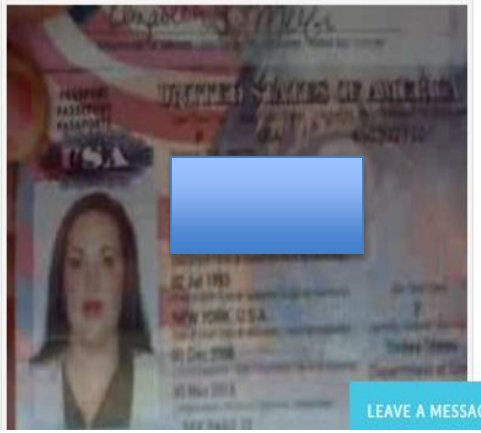
Type	Classic
Exam Term	Summer 2016
Session Status	Cancelled
Appointment ...	Cancelled
Exam Start	Sun 07/24/16 3:05 PM CDT
Exam Duration	120 minutes
Appointment ID	1b489168
Session ID	b013ce1e

Timeline

DURATION	NOTES	ALERTS
120	0	1
Minutes	Comments	Incidents

6:30pm CDT on Jul 24, 2016
Session cancelled by Amber T. (Bhm) Turrentine

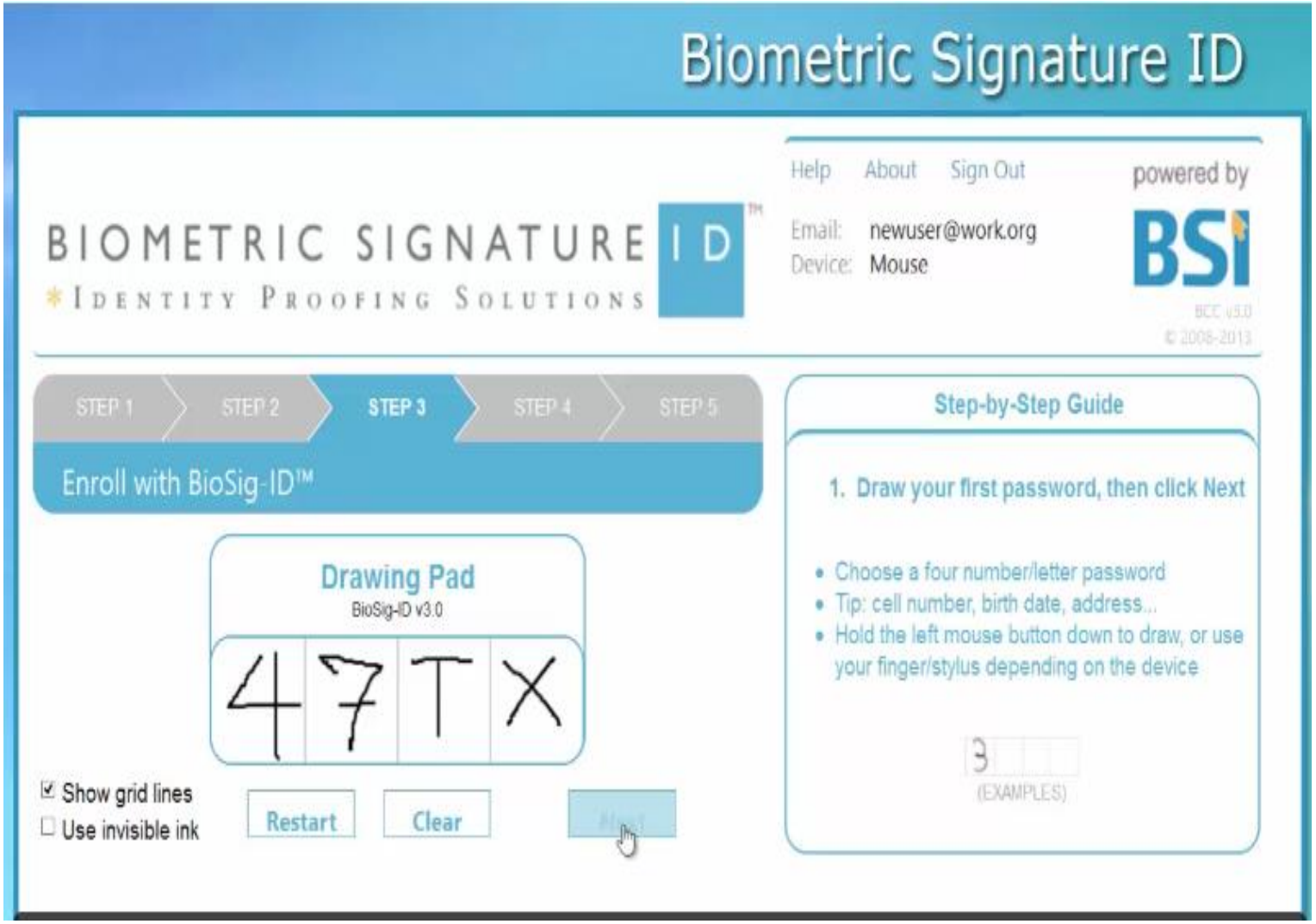
3:47pm CDT on Jul 24, 2016
Screenshot uploaded by Vanessa (Sfo) Luna



LEAVE A MESSAGE

BioSig ID

- Gesture-based, multi-factor id
- Students authenticate themselves within Blackboard Pilot began in Summer 2016 and will continue through the 2016-2017 academic year


Biometric Signature ID
BIOMETRIC SIGNATURE ID
IDENTITY PROOFING SOLUTIONS
Help About Sign Out
Email: newuser@work.org
Device: Mouse
powered by
BSI
STEP 1 STEP 2 STEP 3 STEP 4 STEP 5
Enroll with BioSig-ID™
Drawing Pad
BioSig-ID v3.0
Show grid lines
Use invisible ink
Restart
Clear
Step-by-Step Guide
1. Draw your first password, then click Next
• Choose a four number/letter password
• Tip: cell number, birth date, address...
• Hold the left mouse button down to draw, or use your finger/stylus depending on the device
(EXAMPLES)

Specifics between periods

- Course and users report (A unique user is a new student who enrolls)
  - Summer 1+2 – 32 courses, 658 unique users, 6,959 vals
  - Fall YTD – 34 courses, 837 unique users, 10,059 vals
  - **28% increase in unique new users in Fall YTD**
- IP
  - Summer 1+2 – 5 countries 32 states
  - Fall YTD – 5 countries 35 states
- Password resets
  - Summer 1+2 – 2 in 6,959 vals
  - Fall YTD– 1 in 10,059 vals
- Attendance grid shows > 10 avg. validations per student = higher use avgs than many other schools.

Copyright 2016 All Rights Reserved Confidential Biometric Signature ID biosig-id.com BioSig-ID™

Next Steps

- ProctorU
  - Monitor usage and shift cost to district
  - Explore additional online proctoring options to control costs
- BioSig ID
  - Scale use with courses that do not require proctored exams
  - Shift cost to the district

Contact Information

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