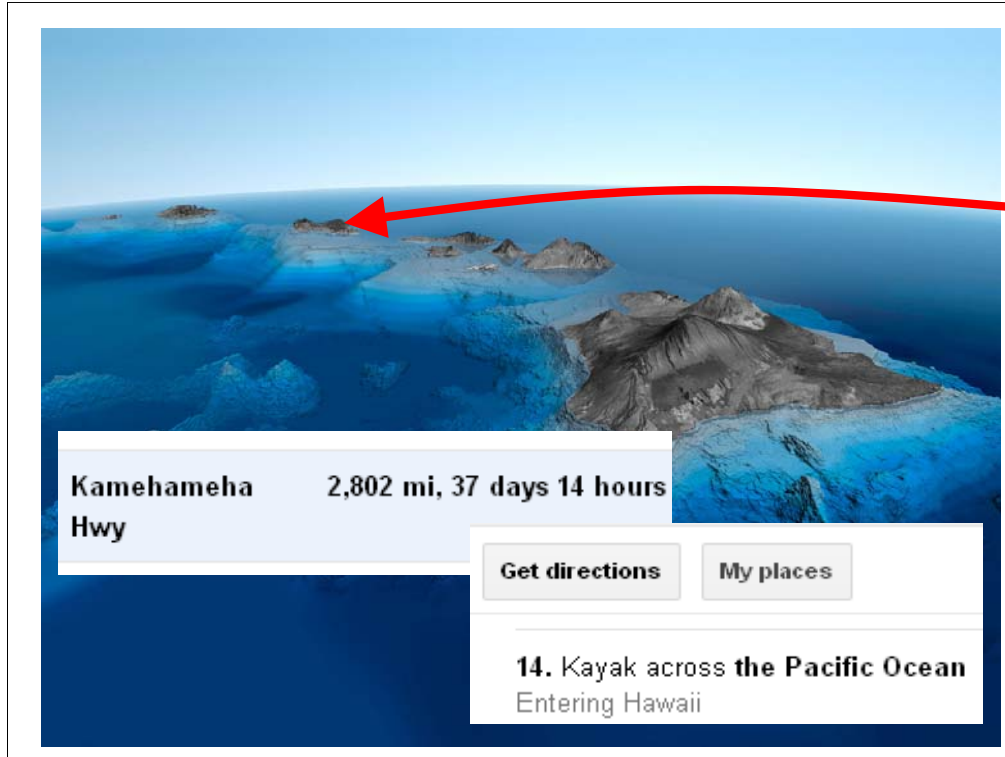


I used data
to prove book theft but ...

ELUNA
May 9, 2012

Jan Sung
University of Hawaii at Manoa

Hi. I am Jan Sung from the University of Hawaii at Manoa.



Hawaii Islands are probably the most remote place on earth with sizable human population. If you ask Google Map to calculate how long it would take to walk to Hawaii from Seattle, it will say 37 days and 14 hours. How can you walk the ocean? The Google map is smarter than we think. It will direct you to Kayak across the Pacific Ocean. I am not sure if it factored in sleeping time in calculating the entire trip.



There are endless activities you can enjoy in Hawaii. One of them is hiking. After hours of hiking you will arrive at a place like this. But this is not what I am going to talk about.



I am going to talk about the library where I work when it turned into CSI last summer.

Fri, Jun 17, 2011 afternoon



5

One afternoon last summer, Alan Grosenheider, Interim Associate University Librarian, came to see me in my office. He wanted to know what we did to our books when we withdrew them from our catalog. He came to me probably because my department was heavily involved in weeding duplicate copies to create space. I demonstrated the procedure (removal of barcodes and title pages, stamping WITHRAVAL sign on three sides, x-out call numbers, and finally removal of cataloging record).

Then, I asked him why he asked this question to me. I wondered if anybody was complaining about our weeding project.

Fri, Jun 17, 2011 morning

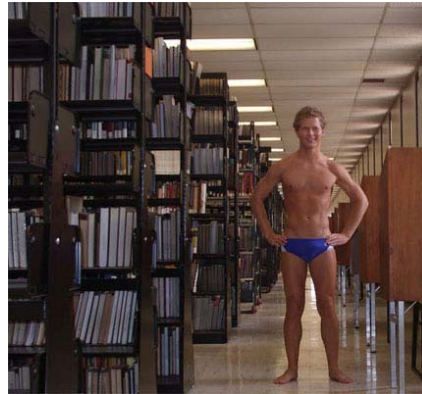


6

He said that he received a phone call from Michael Hollander, an antiquarian bookdealer from California. Mr. Hollander received a list of 120 titles for sale from a person in Hawaii; most titles had an imprint date from the 1800's, the earliest was 1799. He had received samples from the seller that contained UHM Library property stamps. Mr. Hollander wanted to know if they were property of the Library or had been discarded.

Mr. Hollander estimated the volumes (seven or eight) in hand as only being worth \$3,000 because they were heavily used and containing property stamps of a library which diminishes their artifact value for collectors.

The Suspect



a.k.a. "Speedo Student"

7

Mr. Hollander shared the name of the person, "The Suspect", who offered the books for sale. I checked the name, Timothy D. Perry, in the database and found a person whose contact information was the same as that given to Mr. Hollander. The Suspect had a community borrower's card and had been actively borrowing materials regularly for the past several months.

I asked my staff if any of them remembered him because he opened the community borrower card not long ago. One of my staff members remembered him because of his peculiar hair style and also because of his demeanor. He insistently asked if the borrower's card was OK to use for the self-checkout machine.

Also known as "Speedo student" and the picture was taken in San Diego State University Library.

In 2010 he was suspended from the University for taking suggestive photos of himself inside campus classrooms.

Wed, Jun 22, 2011



8

Detective Anderson (Honolulu Police Department) was assigned the case. The Detective obtained the books from Mr. Hollander along with an invoice for the sale of the books supposedly handwritten by the Suspect. The Detective decided to base the criminal investigation on those materials offered for sale to Mr. Hollander as Theft-in-the-2nd-Degree.

He asked if I could prove that books were on the shelf. I am going to talk about this later.

Tue, Jun 28, 2011

Scheduled Hand-writing sample from the Suspect

. . . BUT the suspect did not show

9

The Detective contacted the Suspect and arranged for a hand-writing sample to be taken. But the Suspect did not show.



10

Mr. Grosenheider was very cautious about not leaking any information about the book thefts outside the library.

Because, if the Suspect knew that he was under investigation, he could have thrown all the books into the Ala Wai Canal.

Tue, Jun 28, 2011



11

Mr. Grosenheider was contacted by the Security Officer of the *Antiquarian Booksellers' Association of America* (ABAA) who asked for confirmation of the book thefts. The ABAA had been notified by its member, Mr. Hollander, that someone was trying to sell him books presumed to be stolen and wanted permission to identify UHM Library as the Library missing stolen books.

Wed, Jun 29, 2011

Mr. Grosenheider began to grant interviews

<http://www.khon2.com/news/local/story/More-than-100-books-stolen-from-U-H-Hamilton/jT5IMNroHEaQZD12y6rVQw.csp>

Thu, Jun 30, 2011

The Suspect's Building Manager Contacted HPD

<http://www.khon2.com/news/local/story/Former-UH-Manoa-student-arrested-for-Hamilton/uL4qRBYNk0OII1RAZhm0tQ.csp>

13

June 30, 2011 evening

Books came back to the Library from Waikiki.



14

Two weeks from the day Mr. Grosenheider came to my office to ask me about the treatment of discarded books, all books came back to my department in these priority boxes. You saw that the Suspect was putting these boxes in the elevator where he lived. When I came to work on the July 1st, I was greeted by these boxes.

Fri, Jul 1, 2011

**The Suspect turned himself into
the Police and was released**

Charges are still pending

The last title at lawyer's office

The list

ALL
TYPED!

05/14/2011 12:27 415040321
- not on lists
- white area
- gray area
1 of 7

General

1. Anderson, Arthur, and Charles Bible. Florentine Codex: General History of the Things of New Spain. Salt Lake City, UT: University of Utah, 1978-1981. 12 vol. F1219 .S1319
2. Baldwin, Thomas. William Shakespeare's petty school. Urbana, IL: University of Illinois Press, 1943. PR2903 .B3V
3. Ball, Samuel. An account of the cultivation and manufacture of tea in China. London: Longman, Brown, Green, 1848. SB271 .B18V
4. Barry, Philip. The Philadelphia story; a comedy in three acts. New York: Coward-McCann, 1939. PS3503 .A648 P5 1939a
5. Barthezene, Pierre. Souvenirs militaires de la republique et de l'empire. Paris: J. Dumaine, 1855. 2 vol. DC193 .B553 (white area)
6. Boas, Franz. Kwakiutl texts. Leiden: Brill, 1905. 441 .A45 vol.5 v. FOLIO (white area)
7. Bouillevaux, Charles. L'Annam et le Cambodge: voyages et notices historiques. Paris: Victor Palmé, 1874. DS534 .B76 (ASIA)
8. Boulger, Demetrius. England and Russia in Central Asia. London: W. H. Allen, 1879. (2 vol. w/map. DK251 .B77V
9. Brassai. Paris de nuit. Paris: Arts et Metiers Graphiques, 1933. DE707 .B75V
10. Brassey, Annie. The Last Voyage. London: Longmans, Green & Co, 1889. Signed. G440 .B83V
11. British War Office. The Russo-Japanese War: reports from British officers attached to the Japanese and Russian forces in the field. London: HM Stationery Office, 1908. 3 vol. w/maps. (ASIA) LS516 .G7 G7 (pending requests)
12. Calderon de la Barca, Frances. Life in Mexico: during a residence of two years in that country. London: Chapman and Hall, 1843. F1413 .C14V
13. Calmet, Augustin. The phantom world; or, The philosophy of spirits, apparitions, &c. London: R. Bentley, 1850. 2 vol. F1413 .C2 1850a
14. Chamberlain, Basil. The language, mythology, and geographical nomenclature of Japan viewed in the light of Aino studies. Tokyo: Imperial University, 1887. PU431 .C5V
15. Charnock, John. Biographical memoirs of Lord Viscount Nelson. London: H. D. Symonds, 1806. DA871 .N4 C43V
16. Churchill, Winston. The river war: an historical account of the reconquest of the Soudan. London: Longmans, Green & Co., 1899. 2 vol. DT 108 .C66V
17. Committee of Imperial Defence. Official History (Naval and Military) of the

Earlier I told you that I was asked by the detective if I could prove that the stolen books were on shelf. The detective handed in the list of books presumably prepared by the Suspect. It was neatly typed without any errors. I wonder if the Suspect really typed this or the list was given to him by someone else.



**DF221.C8 E75
7 vols**



Indeed there were small or big pukas where the stolen books were supposed to be.
(Pukas = holes)

These were not good enough for evidence that the books were on shelf.

Inventory Log Data

Scan date	BarCode	CallNum	Enum
03/08/09 2:01:02 PM	10000620019	DF221.C8 E27 1984	
03/08/09 2:02:22 PM	10002643725	DF221.C8. E75 Index	
03/08/09 2:02:46 PM	10000044007	DF221.C8 E75	v. 1
03/08/09 2:02:51 PM		DF221.C8 E75	v. 2, pt. 1
03/08/09 2:03:00 PM		7 vols	v. 2, pt. 2
03/08/09 2:03:07 PM	10000725617	DF221.C8 E75	v. 3
03/08/09 2:03:14 PM	10000725503	DF221.C8 E75	v. 4, pt. 1
03/08/09 2:03:20 PM	10000725526	DF221.C8 E75	v. 4, pt. 2
03/08/09 2:03:26 PM	10000767749	DF221.C8 G6 1969	

18

Then, I remembered that we inventoried areas where some of the stolen books belonged to. Indeed that the seven volume set shown in the previous picture was on the shelf in 2009. But this was not good enough, too old. The Detective wanted to know if they were there recently. We could not prove it.

Ms. Sung continue to investigate

The Suspect's circ record

The Suspect used Self-Check Machine 23 times

And checked out 212 books.

211 books were stolen.

19

I looked at the Suspect's circ record. He used the card 23 times and checked out 212 books using the self-check machine. The number of books stolen was 211. I bet he carefully practiced how to do this. The next slide shows his borrowing pattern. Also I explained how he could have stolen books using the self-check machine.

First of all, even if my theory regarding book thefts was true, someone could have used his card and did it.

Ultimately, the detective wanted to know if we witnessed him doing it.

Of course, the answer is NO.

The Suspect's Circ history

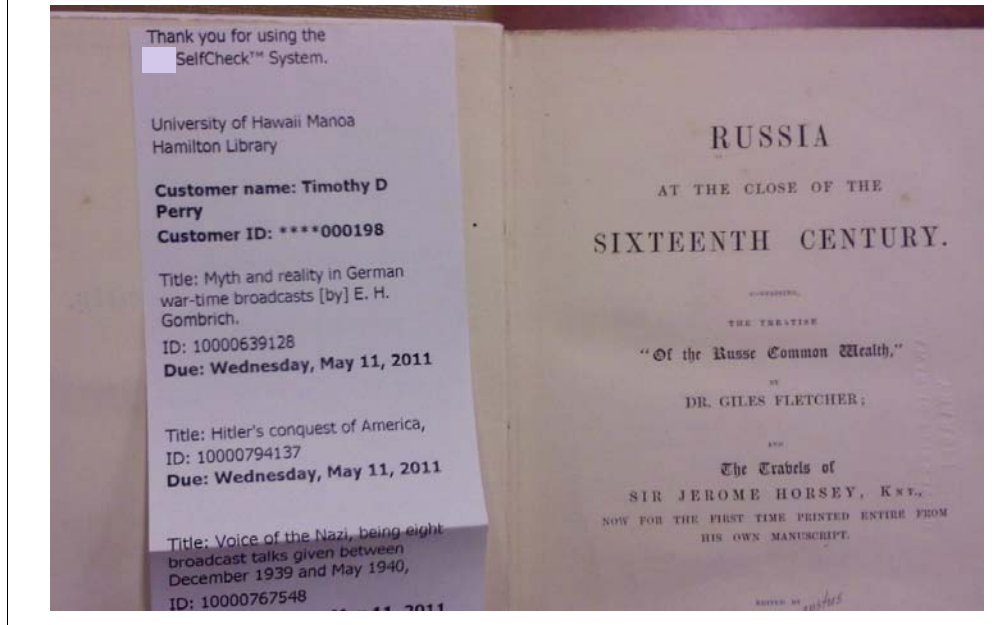
Charge Date	Discharge date	Call #	Title
<u>03/16/11</u> 9:46:10 PM	<u>03/27/11</u> 11:59:00 PM	PR6045.O53 A96 ←	Aunts aren't ...
<u>03/27/11</u> 4:55:45 PM	<u>03/28/11</u> 9:27:24 PM	CC75 .W6 1954	Digging up
03/27/11 4:56:00 PM	03/28/11 9:27:23 PM	CC75 .W46	Archaeology ...
03/27/11 4:56:15 PM	03/28/11 9:27:27 PM	CC165 .C63	Lost cities.
03/27/11 4:56:24 PM	03/28/11 9:27:29 PM	CC165 .B7	Archeologists..
<u>03/28/11</u> 8:32:59 PM	<u>03/29/11</u> 8:46:02 PM	CT1011 .M6	Biographical...
03/28/11 8:33:09 PM	03/29/11 8:46:04 PM	CT1098.S45 A33 1924	Memoirs of ...
03/28/11 8:33:19 PM	03/29/11 8:46:03 PM	BX4700.T6 C5 1933d	St. Thomas ...
03/28/11 8:33:29 PM	03/29/11 8:46:05 PM	BX4700.T4 S25 1944	Eagle and ...
03/28/11 8:33:37 PM	03/29/11 8:46:08 PM	BX4700.B5 G53	Mystical ...
03/28/11 8:33:49 PM	03/29/11 8:46:11 PM	CC77 .G7 1974	Preparation ...
03/28/11 8:33:57 PM	03/29/11 8:46:09 PM	CT1098.S45 Z63 1965	Albert
03/28/11 8:34:04 PM	03/29/11 8:46:06 PM	CC79.5.A5 C45	Study of ...
03/28/11 8:34:10 PM	03/29/11 8:46:07 PM	CT1098.S45 P47 1958	Safari of ...
03/29/11 7:58:07 PM	04/11/11 8:29:41 AM	CT2883 .G73	More famous...
03/29/11 7:58:14 PM	04/11/11 8:30:10 AM	CT3203 .D37	Best year...



Books
recovered

While I was trying hard to prove that the Suspect did it, books were found in the elevator where the Suspect lived as you saw in the video clip.

Self-Check Machine Receipt were found inside books



It the boxes I found several receipts.

Issues

- **How long do we want to keep patron's records?**
- **When discovering flaws in system, what's next?**
- **Rights of students: Sharing student's record across departments**
- **Should we grant community card to suspended students?**

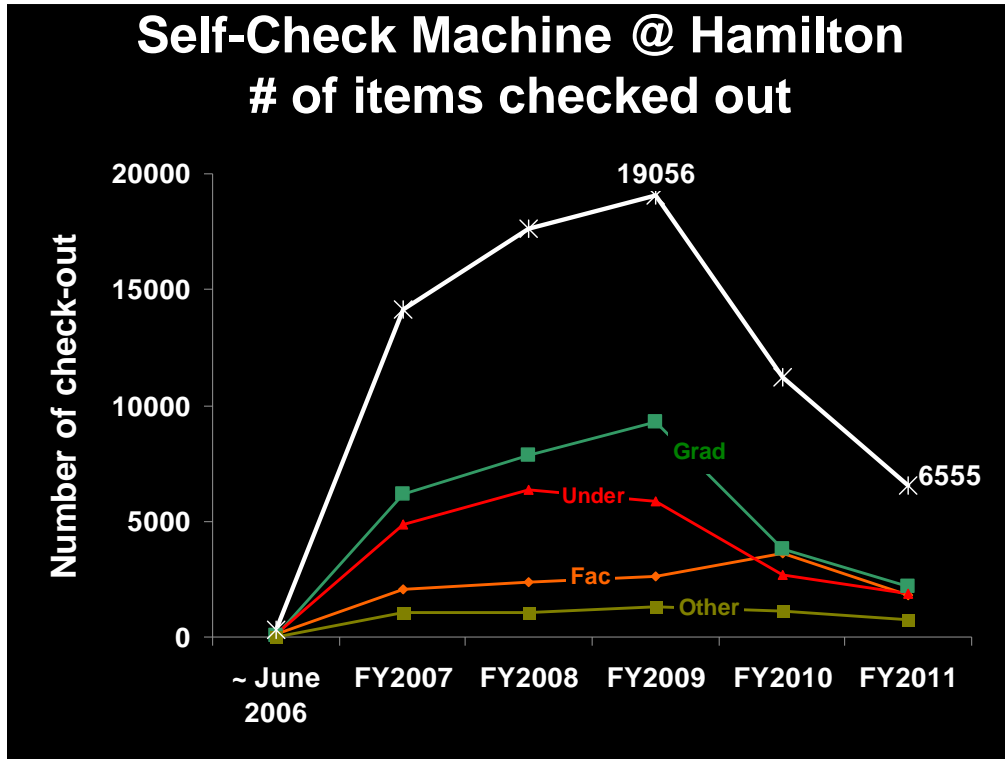
23

This incident arose several important questions.

1. How long do we want to keep patron's circ history?
2. We learned that books can be stolen using the self-check machine. Do we want to keep using it or not? Someone in my library suggested installing a security camera right above the machine. Unless you keep monitoring the camera, it may not be that useful. Or preventing very rare incidents costing most innocent people's privacy?

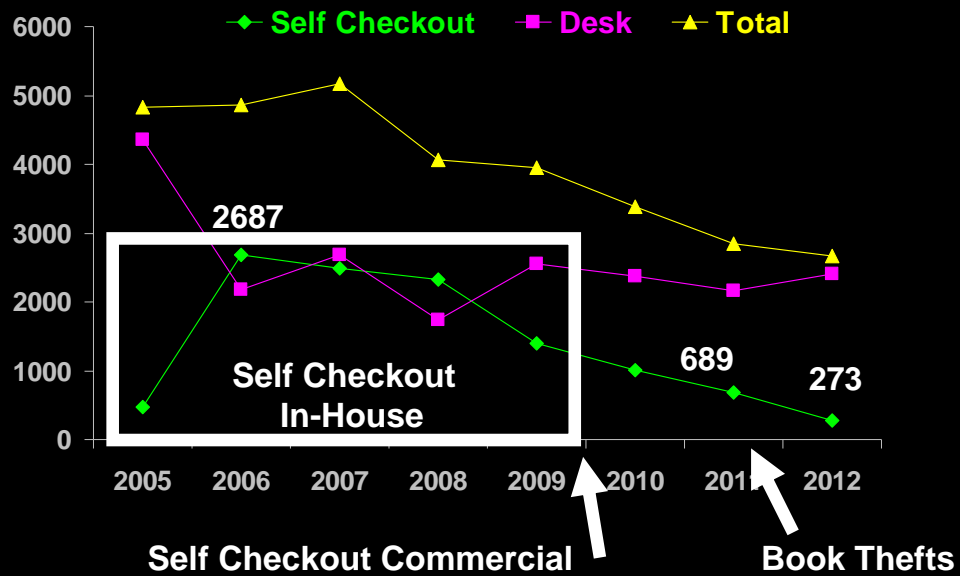
We had two self-check machines, one in Hamilton Library, and one in Sinclair Library. Since HL has many old books (not necessarily valuable but with potential) on the open stacks, we decided not to use the machine. However, we made that decision after reviewing the use of the machine over the years (next slide). However, SL decided to keep using it because they keep their valuable books in a secured place. But see their use stats in slide 25.

3. Should different departments in school be able to share information of a student misconduct?
4. Finally, if we knew that the Suspect was suspended from the school, should we not have granted him a community card? We never ask our community patrons if they have criminal records.



The use of the self-check machine at my library was declining over the years. We decided to stop using it at Hamilton Library after the book thefts. We have too many possible candidates.

Self-Check Machine @ Sinclair # of items checked out



However, we kept the machine in Sinclair Library. The use dropped here continuously.

We may discontinue the machine in the library as well. The maintenance fee of \$1,500 cannot be justified when the number of books checked out using the machine was so low.

? Questions ?

M * A H * A * L * O

