



**The American  
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Academy of  
Architecture for Health  

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# Better than Google

## What's out there and how to find it

April 9, 2019

Lindsey Stang LS3P ASSOCIATES LTD



Ellen Taylor The Center for Health Design





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What's out there and how to find it

April 9, 2019

Moderated by: John Kreidich AIA



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# Beyond the Basics Series

As part of the Academy's multi-channel, on-line approach, these sessions provide emerging and experienced professionals with convenient and economical opportunities to develop their chosen area of interest.

This session is intended to expose healthcare-competent members of healthcare-centric practices timely information on evidence-based design research.



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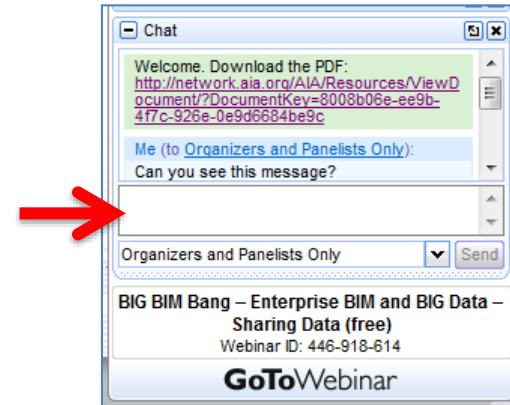
A link will be provided in the chat box and included in a follow-up email one (1) hour after the webinar to the individual who registered your site.

# Questions?

Submit a question to the moderator via the chat box.

Content-related questions will be answered during the Q&A portion, at the end of the presentation, as time allows. Any questions not answered during Q&A, will be answered and posted online within two (2) weeks.

Tech support questions will be answered by AIA staff promptly.





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# Better than Google

*What's out there and how to find it*



## **Collaboration between partners**

AIA Academy of Architecture for Health (Research Initiative Committee)

+

The Center for Design



## **Research: what does it look like today**

Evidence based design in a world of knowledge pollution



## **Focus on access to information**

Knowledge Repository Demonstration



## **Q & A**

## AIA AAH Research Initiatives Committee

- Founded in 2009
- Collaboration between AIA Academy of Architecture for Health and The Center for Health Design
- Commitment for Evidence Based Design
- Knowledge Repository



THE CENTER FOR  
HEALTH DESIGN®



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**Identify Knowledge Needs**

**Support Research**

***Disseminate Knowledge***

# **Research Initiatives Committee Missions**

# Knowledge Repository y STARTUP

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Design for Aging  
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Additional key point summaries  
provided by



RESEARCH DESIGN  
CONNECTIONS

2012 - The Center for Health Design is ready to roll out the Knowledge Repository

2012 - AAH funds \$25K

2013 - FGI & ASHE funds \$25k

NIHD / Research Design Connections - contribution of writing summaries

DFA joins in 2018

## Case Study Library



Isabella Rosse

Actions ▾

03-24-2017 17:23

The Academy of Architecture for Health proudly announces six (6) new case study additions to the Case Study Library with more to follow over the coming months. These case studies are from the 2013, 2014 and 2015 AIA/AAH Healthcare Design Award recipients, and we hope to have all of them added by the end of 2018 or sooner.

We started our 2016 efforts with the 2013 UCLA Outpatient Surgery and Cancer Center Project as our Pilot Case Study Project and followed that up in the spring of 2017 with additional case studies utilizing six of the seven 2016 AIA/AAH Healthcare Design Award winners as the first phase of a CASE STUDY formatting project with the goal of "bridging the gap" between research and practice.

### Statistics

0 Favorited  
342 Views  
27 Files  
0 Shares  
2446 Downloads

Architects, Designers and Planners usually conduct literature reviews, site and facilities tours, and occasionally put together informal "case studies" for their clients and teams to review before beginning a project. The AIA/AAH Research Initiatives Committee proposed a standard and format for Case Studies with the idea that including case studies will improve the quality of the Case Studies and eventually lead to more detailed POE Studies by researchers.

#casestudy  
#HealthcareDesignAwards

# What else is the AIA/AAH Research Initiative Committee doing?

Attachment(s)

Download All



[UCLA Outpatient Surgery and Oncology Center](#)

9.10MB

1 version

Uploaded - 05-12-2017

Download



[University of Arizona Cancer Center Case Study - 2016 AIA...pdf](#)

6.44MB

1 version

Uploaded - 05-12-2017

Download



[University Medical Center New Orleans Case Study - 2016 A...pdf](#)

10.88MB

1 version

Uploaded - 03-24-2017

Download

## UCLA Outpatient Surgery and Oncology Center

Santa Monica, California



SFGT  
58,651 BGFS  
Clinic Building  
73,736 BGFS  
Parking Garage



OWNER/AFFILIATION  
UCLA Medical Center  
Health System



ARCHITECT(S)  
Michael W. Folonis  
Architects (MWFA)



COMPLETION DATE  
2011



Image Sources: <http://www.folonisarchitects.com/ucla-1/>

<http://www.archdaily.com/388704/ucla-outpatient-surgery-and-oncology-center-michael-w-folonis-architects>

Case Study Format Developed By: [AIA Academy of Architecture for Health | Research Initiatives Committee](#)  
DRAFT

## UCLA Outpatient Surgery and Oncology Center

Santa Monica, California

### DEPARTMENTAL PLAN KEY:

- Pre-Op / Post-Op
- Surgery
- OR Care + Team Support
- Support Space
- Circulation, Shafts, Stairs
- Mechanical + Electrical

### KEY SPACES:

- Surgery OR (4025F - 410 sf)
- Physician Workrooms (275 sf - 295 sf)
- Pre/Post Recovery Bays (77 sf - 79 sf)
- Offices (88 sf - 116 sf)
- Nurse Stations (95 sf - 191 sf)

### DEPARTMENTAL GROSS SQUARE FOOT TAKE-OFFS

Pre-Op/Post-Op	4840 SF
Surgery	7860 SF
OR Care + Team Support	3047 SF
Shafts + Vertical Circulation	1126 SF
Mechanical	285 SF

LEVEL TWO DGFS TOTAL: 17,358 SF

### LEVEL TWO:

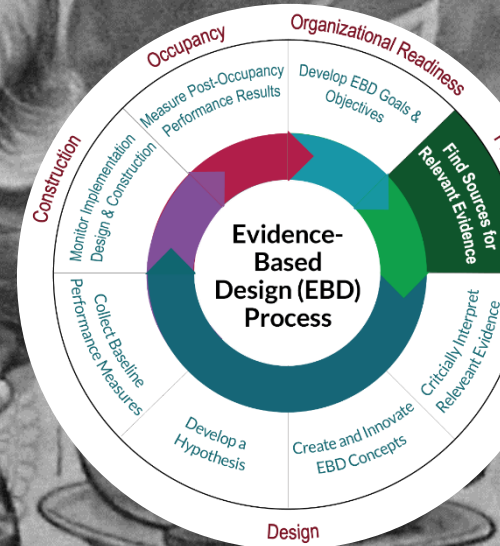


Note: Departmental Square Footages take-off based on Analysis of Departmental Area in Contemporary Hospitals calculation methodologies & Design Factors Report, 2014

Case Study Format Developed By: [AIA Academy of Architecture for Health | Research Initiatives Committee](#)  
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# WHERE'S THE BEEF?

RESEARCH



THE  
knowledge  
RACE GAME!

# Information Pollution

An Era of Information Overload

The Web is a procrastination apparatus:

“ *It can absorb as much time as is required to ensure that you won't get any real work done.* ”

Jakob Nielsen, 2003

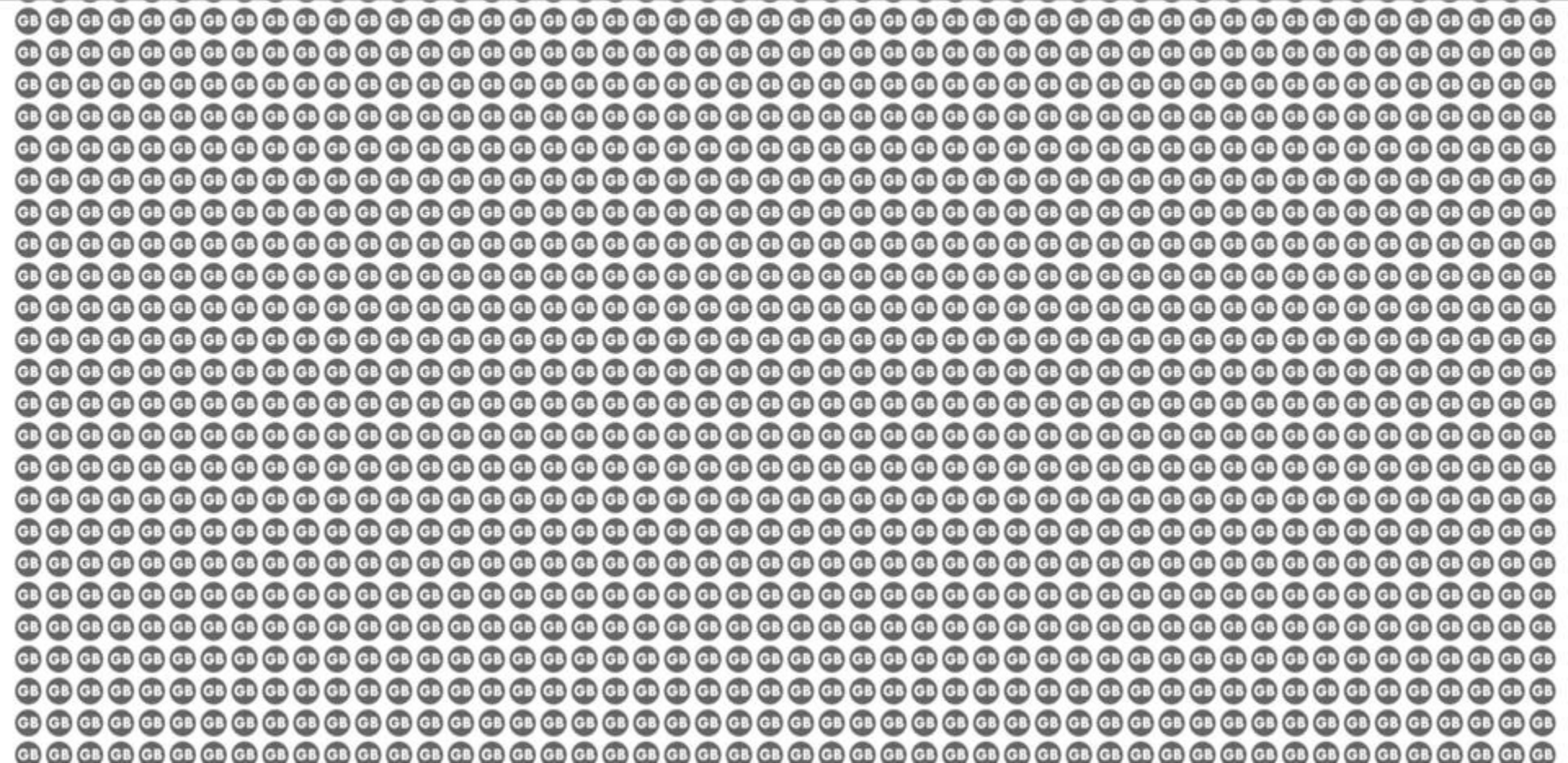


# 70,201 GB of Internet traffic in 1 second



130,293 Gigabytes since opening

0:00:02 s

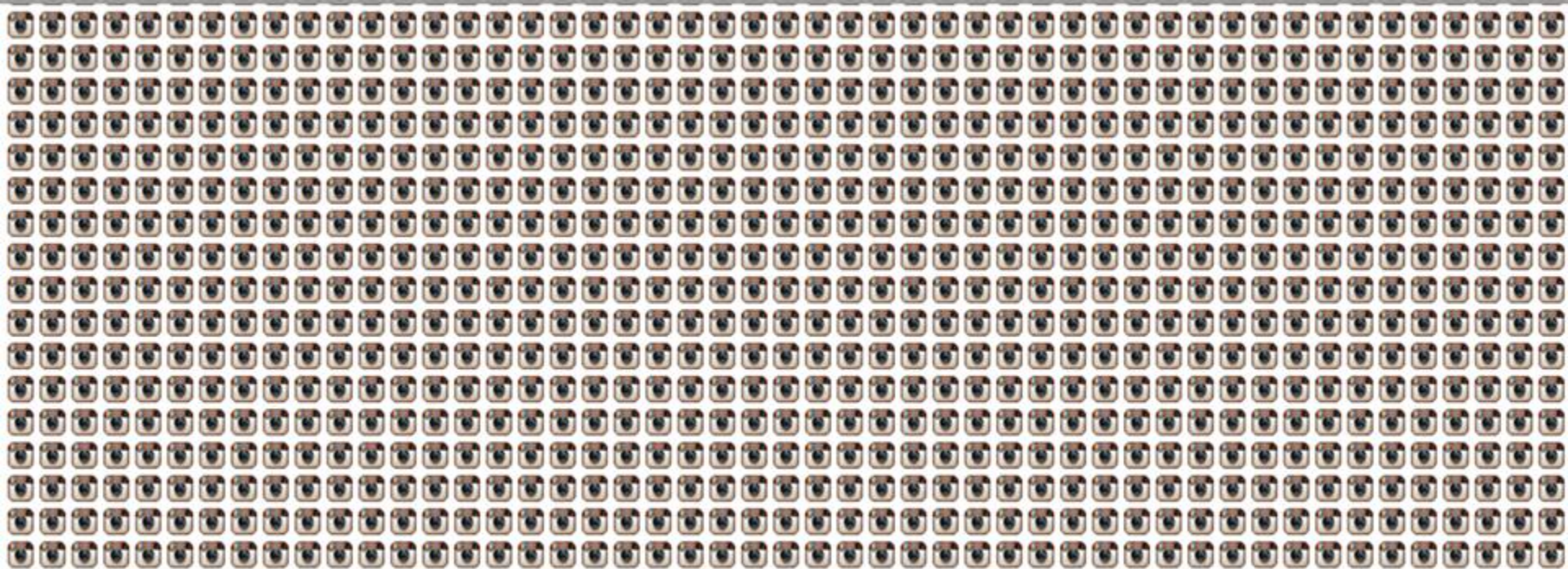




905 Instagram photos uploaded in 1 second



3,415 New photos since op  
0:00:00



1,508 Tumblr posts in 1 second

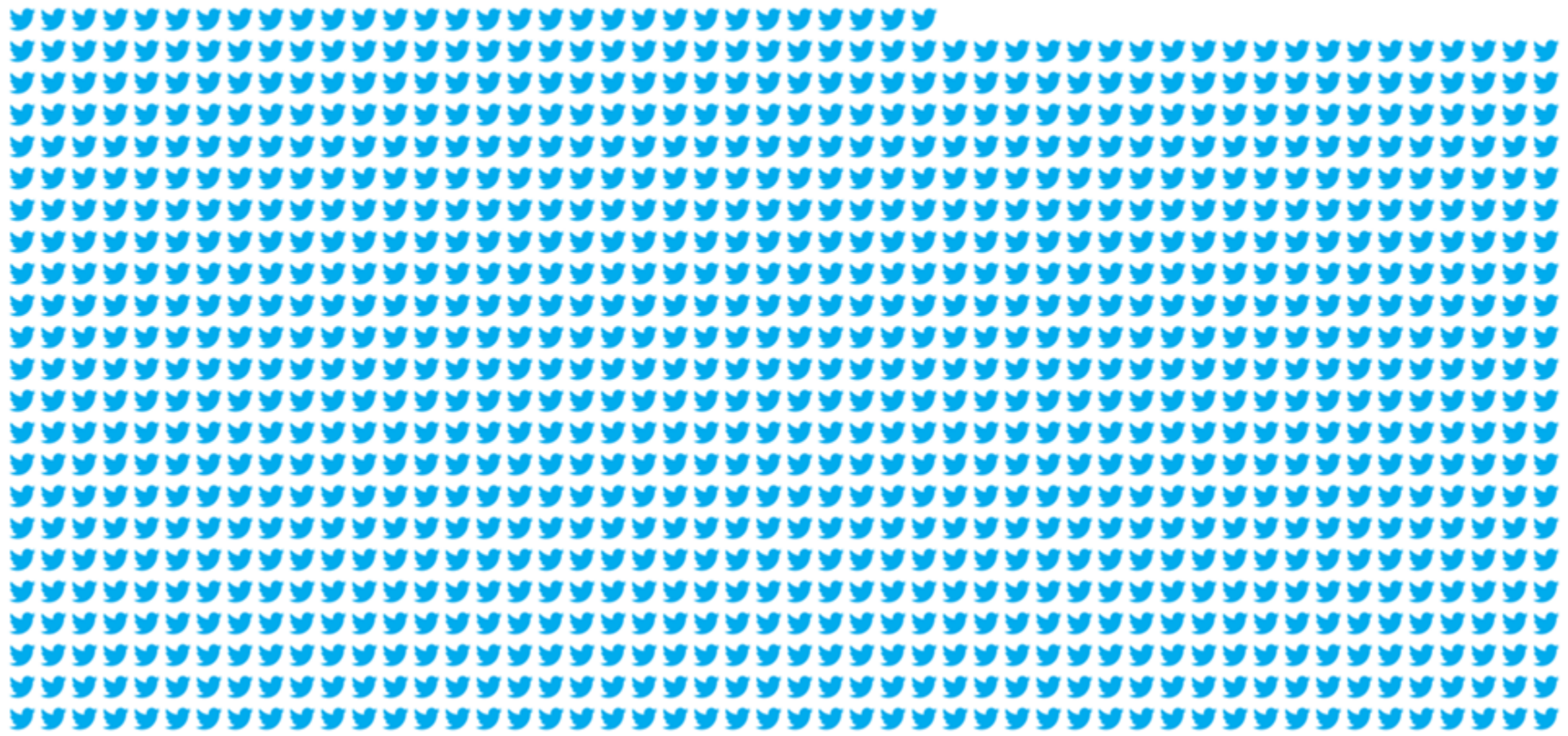


7,847 Tumblr posts since op  
0:00:00

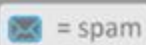
8,430 Tweets sent in 1 second



347,814 Tweets since opening  
0:00:41 s





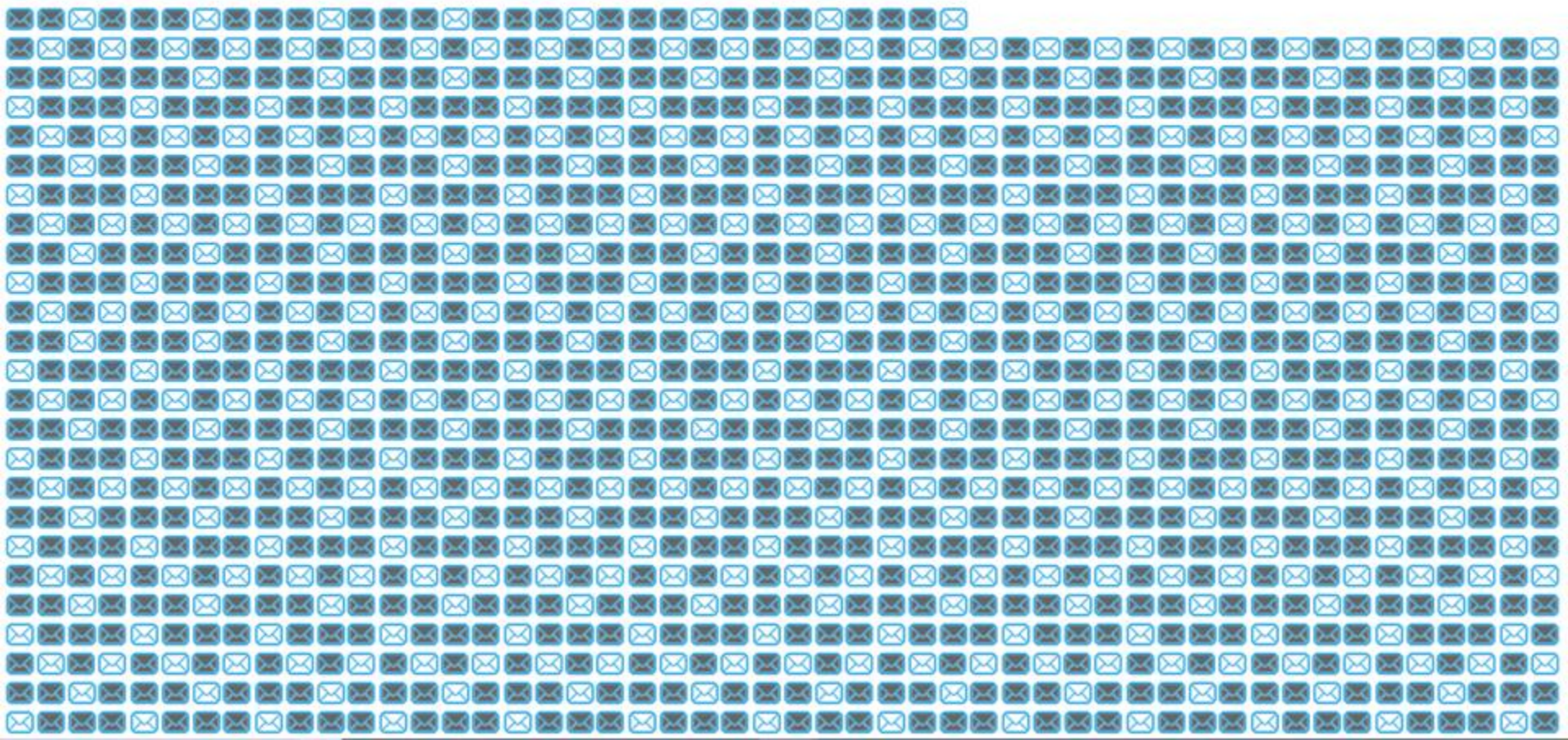


2,784,381 Emails sent in 1 second



8,331,650 Emails since opening

0:00:03 s



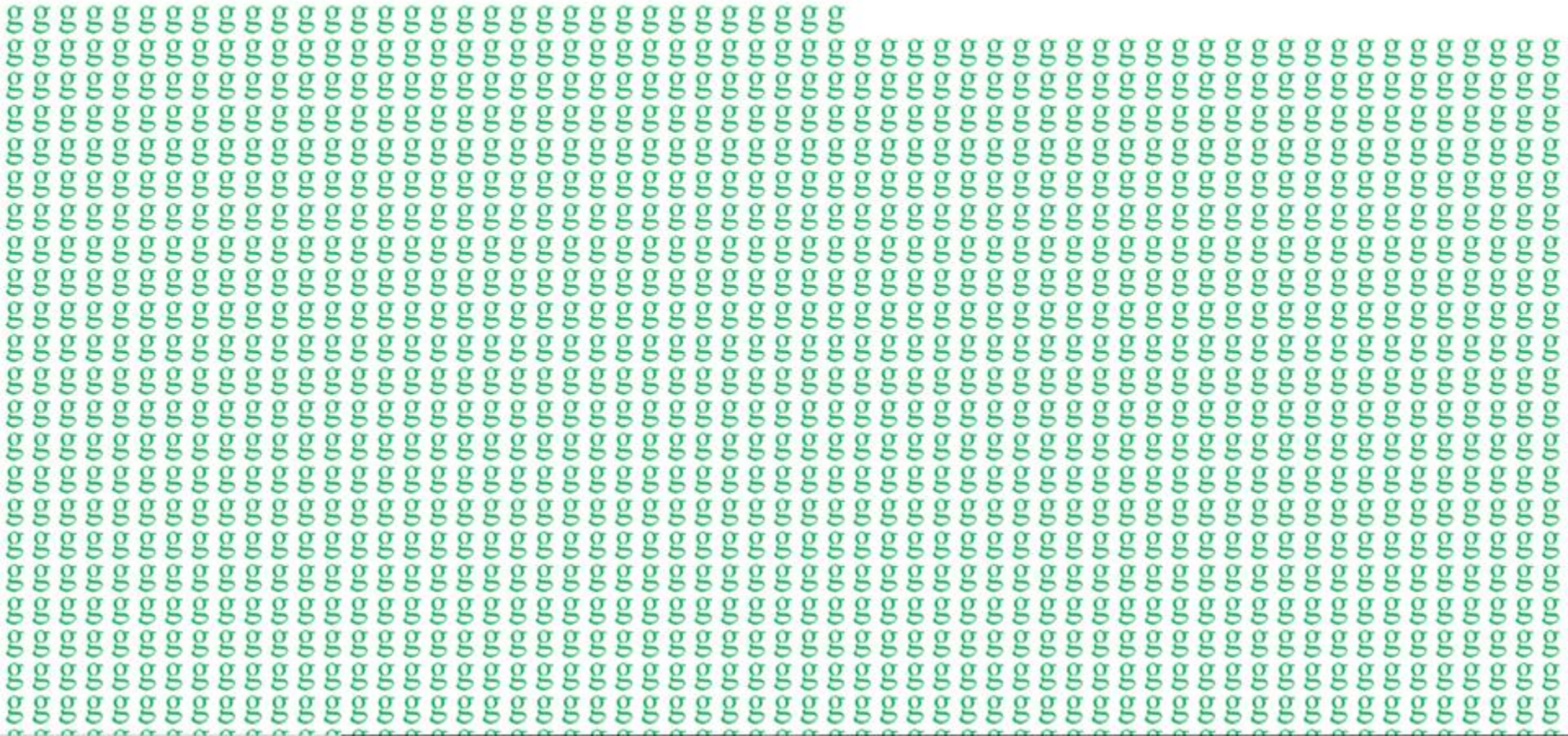


# 73,428 Google searches in 1 second



371,253 Searches since opening

0:00:05



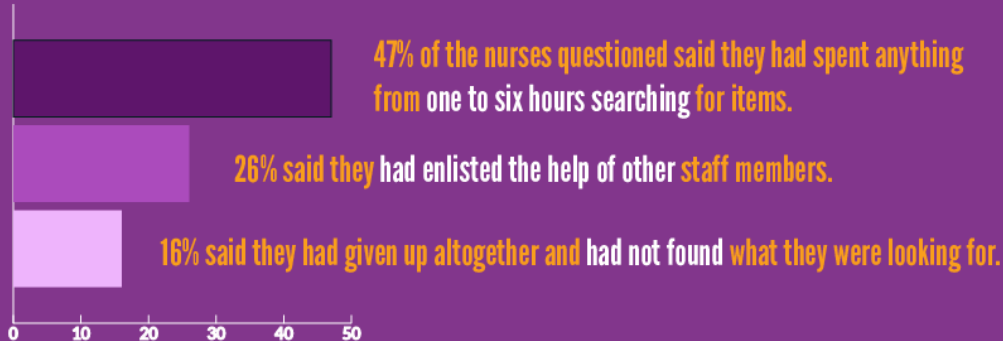
**Seek and you *might* find**

... if you're looking in the right place

# When we talk about searching in healthcare design...

989 Nurses were interviewed in a survey:

**Each nurse said they spend at least  
1 – 2 hours searching for equipment.**





# Research Shows that Searching for Information at Work Wastes Time and Money



# 19%

time each week  
spent searching  
for / gathering  
information at  
work

(International Data Corporation  
(IDC), McKinsey Global  
Institute analysis)





Research  
conducted in both  
the UK and USA



...of us spend between **5 - 25** minutes  
searching every time we want to find  
that all important document!

KEY FINDINGS FROM THE SURVEY INCLUDE...

Workers took up to  
**8 searches**  
to find the right  
document & information



**67.5%**  
of these searches  
took at least  
**3 attempts**



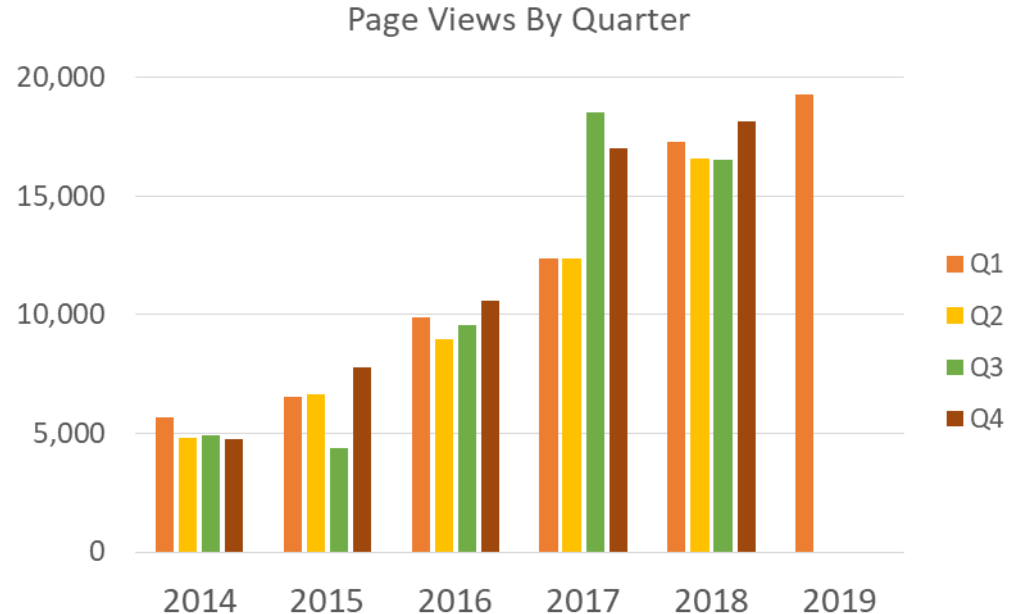
# Problem. Solved.

## *The Knowledge Repository*



# Latest stats

- Who: 52.4% self-identify as architect/designer
- 750+ Key Point Summaries
- 4,330+ citations
- Common search terms
  - Color
  - Art
  - Cancer/Oncology/Infusion
  - Flooring
  - Waiting
  - Lighting
  - Natural ventilation
  - Inpatient mental health



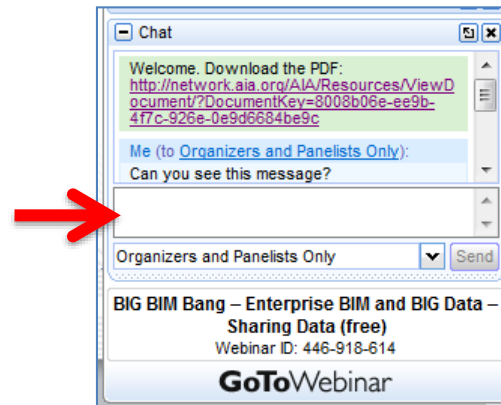


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# Question Reminder

Submit your questions and comments  
via the chat box.





# Knowledge Repository Demo



**LIVE**



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# Time for Questions and Comments





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# CES Reminder

The URL to the webinar survey

**<https://www.surveymonkey.com/r/AAH1903>** will be  
emailed to the individual who registered your site.

The survey closes **April 12<sup>th</sup>** at 12:30am ET.

For questions, please email [knowledgecommunities@aia.org](mailto:knowledgecommunities@aia.org)



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[www.aia.org/aah](http://www.aia.org/aah)

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HEALTH FACILITY PLANNING, DESIGN & CONSTRUCTION**

**MARCH 17-20, 2019 | PHOENIX, AZ**

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About the Academy

### Announcements [Add](#)

U40 List: Healthcare Design's Best Under 40 [✓](#) [✕](#) [ⓘ](#)

The U40 List is nomination oriented recognition to celebrate individuals making a significant contribution to the advancement of health facilities design. Each year up to two individuals will be selected to have their names added to the distinguished U40 List. The nominees will receive a travel stipend to attend the Summer Leadership





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# Upcoming Webinars

Date	Series	Topic
5/14/2019	HC 101 Series	Pharmacy Standards: USPS 795 and 800
6/11/2019	HC 101 Series	Medical Equipment Planning
7/9/2019	Beyond the Basics	Pre-Post areas of Ambulatory Surgery

Dates & topics are subject to change