OpenAthens Statistics: Talkin' Attributes

Ken Henslee, System Analyst, GALILEO

Russell Palmer, Assistant Director for Support Services, GALILEO

What is OpenAthens?

- Hosted “middleware”
- Used to manage authentication between local identity provider (IdP) and library content vendors
- How is it different from EZProxy?
  - Does not rely [fully] on IP authentication
  - Uses a redirector in some (not all) cases for links
  - Redirector is similar to proxy prefix –sends user to local login page

OpenAthens Authentication Glossary

- Federation/Federated access
- Single Sign On
- SAML
- IdP
- Attribute

Admin area

Dashboard

DATA EXPLORER

Accounts

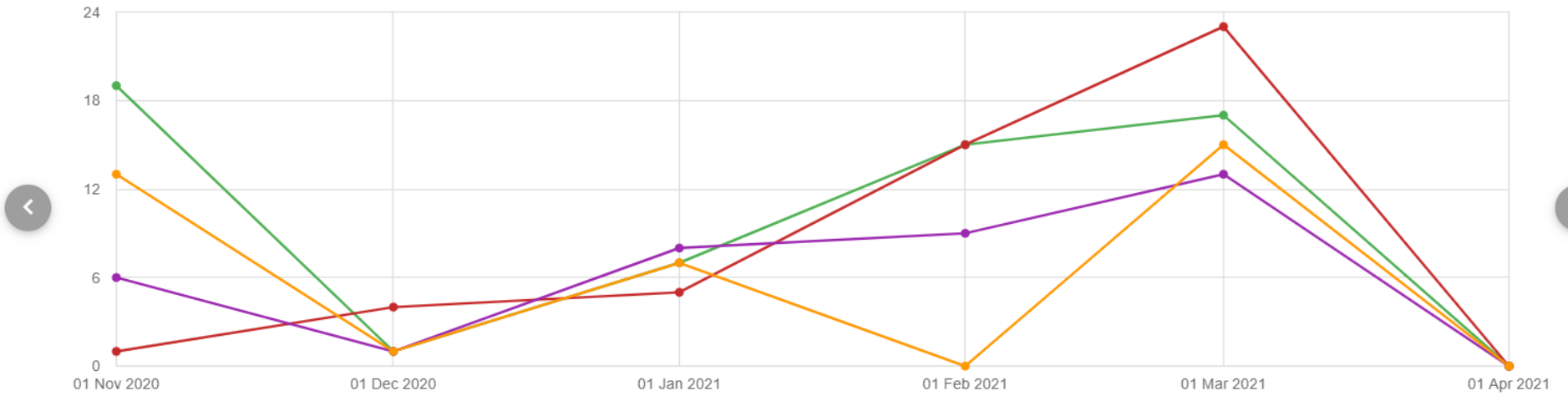
Resources

Saved reports

Cookie settings

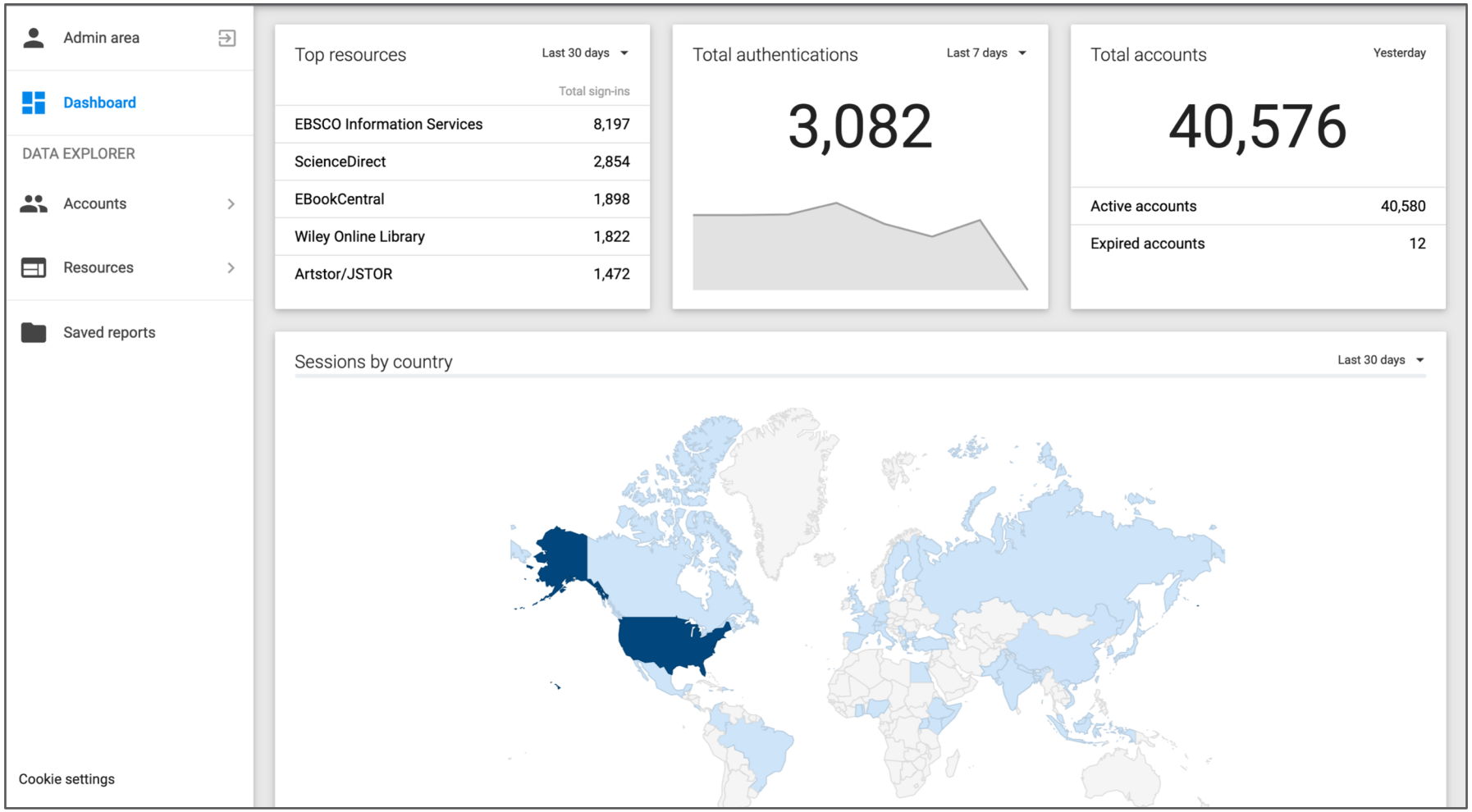
Data explorer > Resources > Usage

Scope	Resource	Breakdown by	Granularity	Start	End
This organisation	Infobase Publishing	Department	Monthly	1 November 2020	1 April 2021



DEPARTMENT	↓ TOTAL	AVERAGE	MIN / MAX	CHANGE
History	98	16.3	0 / 46	↓ 17
History & Political Science	87	14.5	0 / 28	↓ 16
Library Research and Engagemen	82	13.7	0 / 32	↓ 13
Gerontology	75	12.5	0 / 69	-
Retention & Student Success	68	11.3	0 / 32	↓ 32

OpenAthens Stats Demo



Stats So Far: How Are They Used?

- Georgia Tech
- Georgia Gwinnett College
- Gwinnett Tech

Georgia Tech

- Assess usage by mapping curriculum to individual colleges and schools
- Distribution of use is one of the quantitative data points used for renewals
  - *weight cost/use to reflect the smaller pool of users in smaller colleges/schools*
- One caveat:

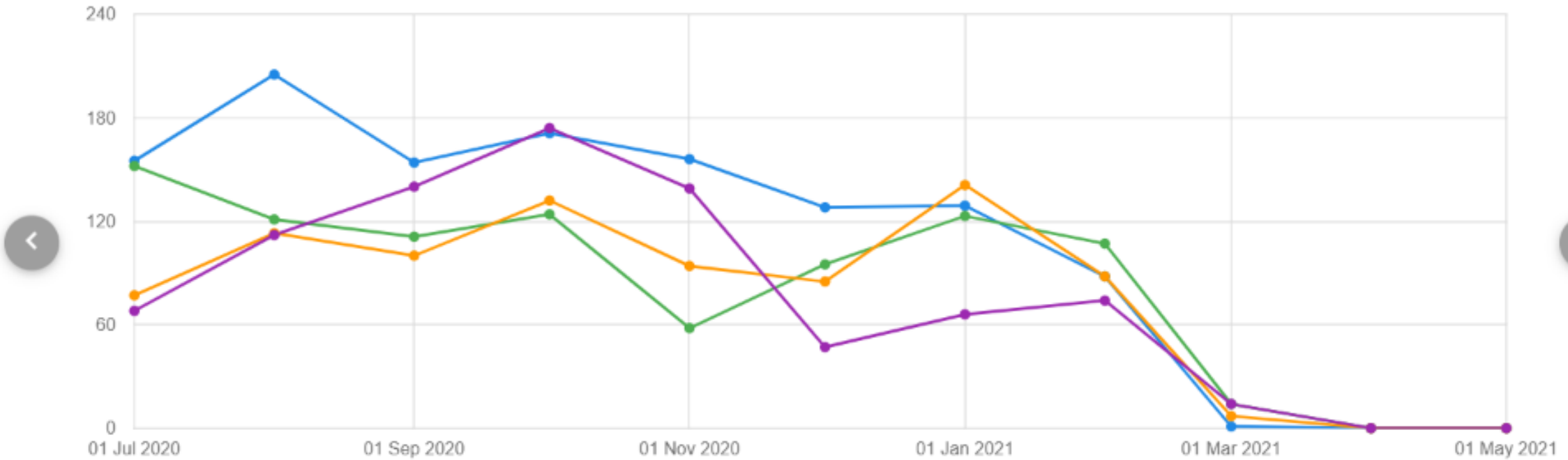
  "…we don't require OA login for on-campus users; we have done some validation in areas and can reasonably assert that on-campus use mirrors off-campus use, and the larger amount of off-campus users for 2020/2021 may provide additional validation."

Jay Forrest, Data Scientist Librarian

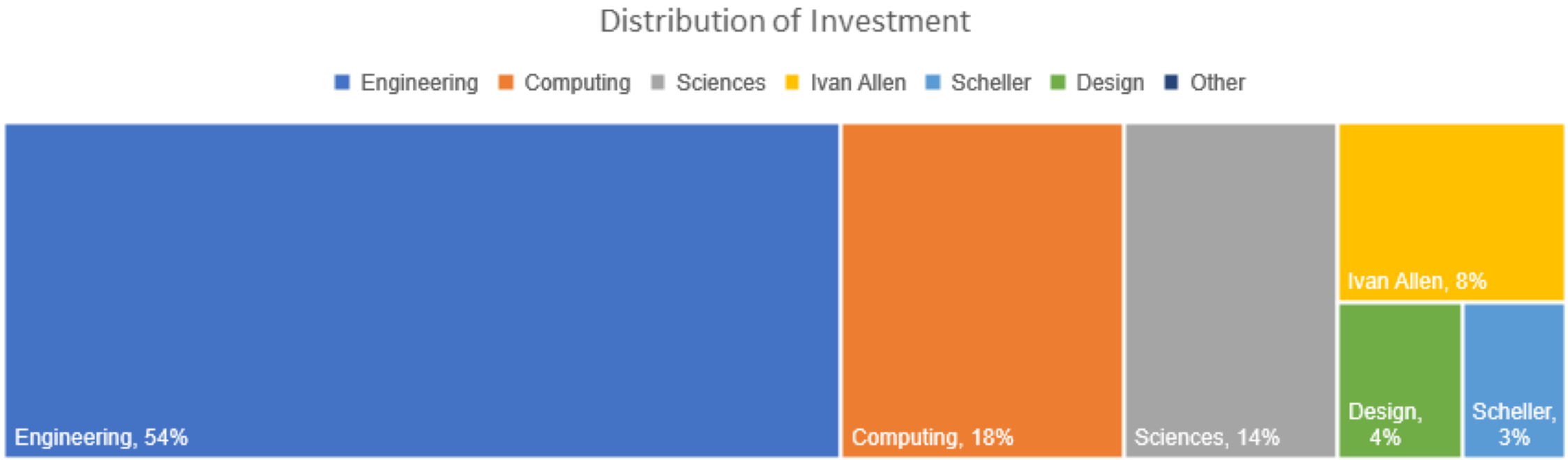
Georgia Institute of Technology

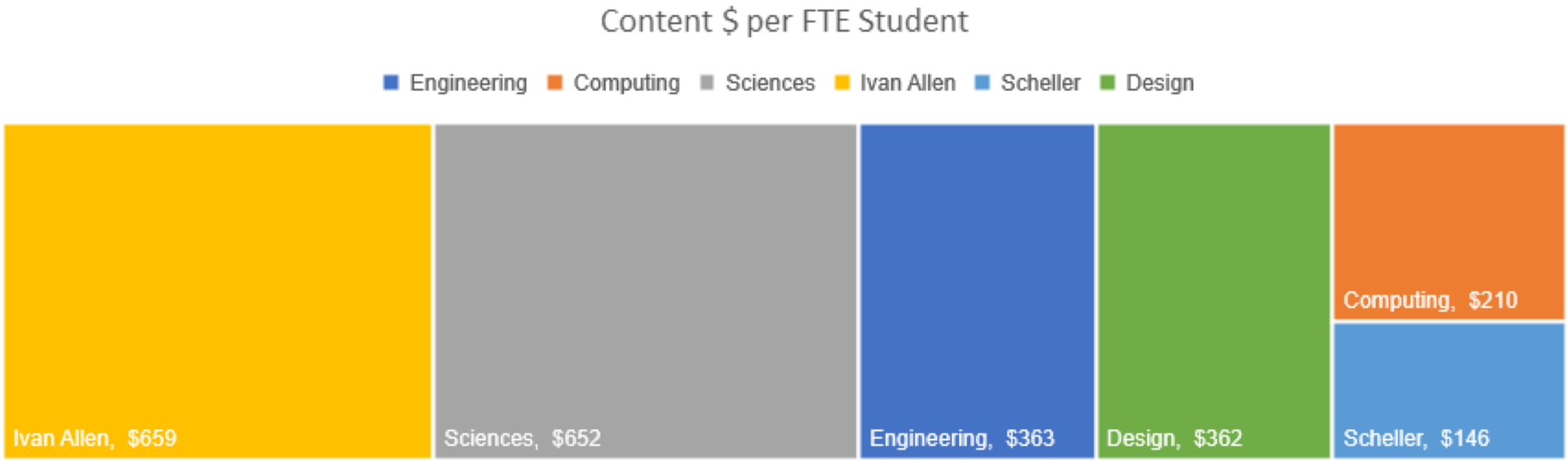
Georgia Institute of Technology | Systems Administrator

Scope	Resource	Breakdown by	Granularity	Start	End
This organisation	EBookCentral	gtcurriculum	Monthly	1 July 2020	1 May 2021



GTCURRICULUM	↓ TOTAL	AVERAGE	MIN / MAX	CHANGE
C/COC/CS	1,199	109	0 / 195	↓ 79


Distribution of Investment
Engineering
Computing
Sciences
Ivan Allen
Scheller
Design
Other
Engineering, 54%
Computing, 18%
Sciences, 14%
Ivan Allen, 8%
Design, 4%
Scheller, 3%


Content $ per FTE Student
Engineering
Computing
Sciences
Ivan Allen
Scheller
Design
Ivan Allen, $659
Sciences, $652
Engineering, $363
Design, $362
Computing, $210
Scheller, $146

Georgia Gwinnett College

Currently in the planning stages, GGC will:

- Utilize the reporting functionality in OpenAthens to help make future collection development decisions
- Scrutinize resource usage monthly, primarily to ensure that our locally purchased electronic resources receive usage
- Promote resources that are “lagging” in usage
- Compare OpenAthens usage statistics with GALILEO monthly usage statistics and vendor usage statistics to create a complete picture of resource usage
- Summer--review and assess “high cost/low access” journals / publisher platforms

--Michelle Colquitt, Georgia Gwinnett College

Gwinnett Technical College

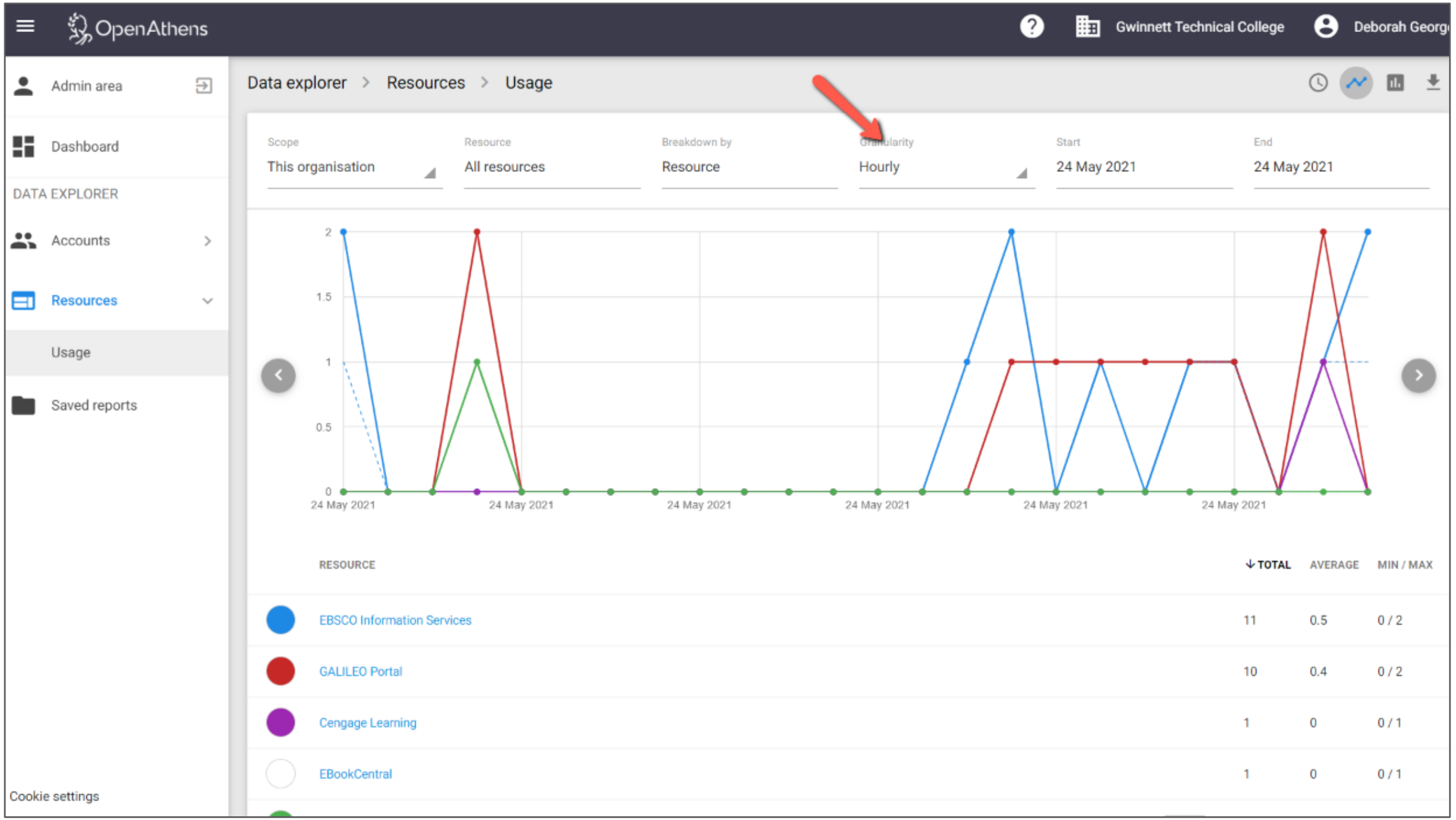
- **We definitely see the effect of instruction classes on resource usage**

"For example, Salem Press shows relatively high use because it is another source of Masterplots content. We direct ENGL1102 (second-semester Freshman English) to Masterplots for short story and poetry analysis. Since almost every college student here must take the course, including our many Dual Enrollment students, it makes sense that they go directly to this content, even though other databases feature similar articles. The OA stats confirm the heavy use of this particular resource."

- **Hourly analysis is interesting**

"Our semester just began May 24, so most students have not been assigned research papers yet. We see an uptick in Encyclopedia Britannica usage over the last few days. With hourly analysis, we can see that this is the result of us preparing a workshop in which we are presenting sources of video content for college-wide staff development training. We can plan special reports to track hourly usage during and after student instruction classes to see if students return to some of the databases we discuss in our workshops."

--Deborah George, Gwinnett Technical College


OpenAthens
Gwinnett Technical College
Deborah Georg
Admin area
Dashboard
DATA EXPLORER
Accounts
Resources
Usage
Saved reports
Cookie settings
Data explorer > Resources > Usage
Scope
This organisation
Resource
All resources
Breakdown by
Resource
Granularity
Hourly
Start
24 May 2021
End
24 May 2021
2
1.5
1
0.5
0
24 May 2021
24 May 2021
24 May 2021
24 May 2021
24 May 2021
24 May 2021
RESOURCE
TOTAL
AVERAGE
MIN / MAX
EBSCO Information Services
11
0.5
0 / 2
GALILEO Portal
10
0.4
0 / 2
Cengage Learning
1
0
0 / 1
EBookCentral
1
0
0 / 1

GALILEO: Consortial Statistics

- Are there resources to which the majority of USG institutions are already subscribing?
- Are there additional key resources that support specific academic programs that need to be considered?

- GALILEO resources by subject area
- OpenAthens data on locally purchased resources
- Map Core Curriculum/Gateway to Completion courses to GALILEO subscription

Passing Attributes to OpenAthens

- The RACL Assessment Working Group created a document to help librarians communicate this request to their IT.
- Passing Attributes to OpenAthens Document
- Basic attributes outlined
- Privacy concerns addressed
- Next steps

Passing Attributes to OpenAthens

The RACL Assessment Working Group has outlined a set of attributes that would be ideal for institutions to pass to OpenAthens. We expect that most of these will already be available in LDAP or ADFS, but if not, your IT staff will need to work with their contact in Banner/Identity Management to get them mapped to LDAP.

- Role (student, staff and faculty)
- Department
- College Code

Will these attributes be sent on to 3rd party Service Providers?

No, attributes coming from your IdP are not passed on to 3rd party service providers [OA Documentation]. Some service providers might require attributes coming from the institution's IdP (typically First name, Last name, and Email address), but attributes will not be passed to them without first being sanctioned by your institution. After that, an attribute release policy would need to be set up in OpenAthens in order for the attributes to be released to the service provider.

- OpenAthens Privacy Information: https://openathens.org/privacy
- Attribute Release Configuration: https://docs.openathens.net/display/public/MD/Attribute+release

Passing Attributes to OpenAthens

What will my institution gain from passing more attributes to OpenAthens?

Institutions will gain the ability to see which resources are being used and whether the user is a student, staff or faculty and which college and department they belong to. For example, if your institution has a nursing program, you will be able to identify what resources are most used by nursing students, staff and faculty. One shortcoming to note is, for service providers that have a single platform for multiple resources, like EBSCOhost and ProQuest, OpenAthens is only able to report at the platform level. However, platform level access statistics are still a helpful supplement to vendor statistics and other reports.

OpenAthens Reporting: https://docs.openathens.net/display/public/MD/Reporting

I have talked with IT, and we are ready to share more attributes. What do we do next?

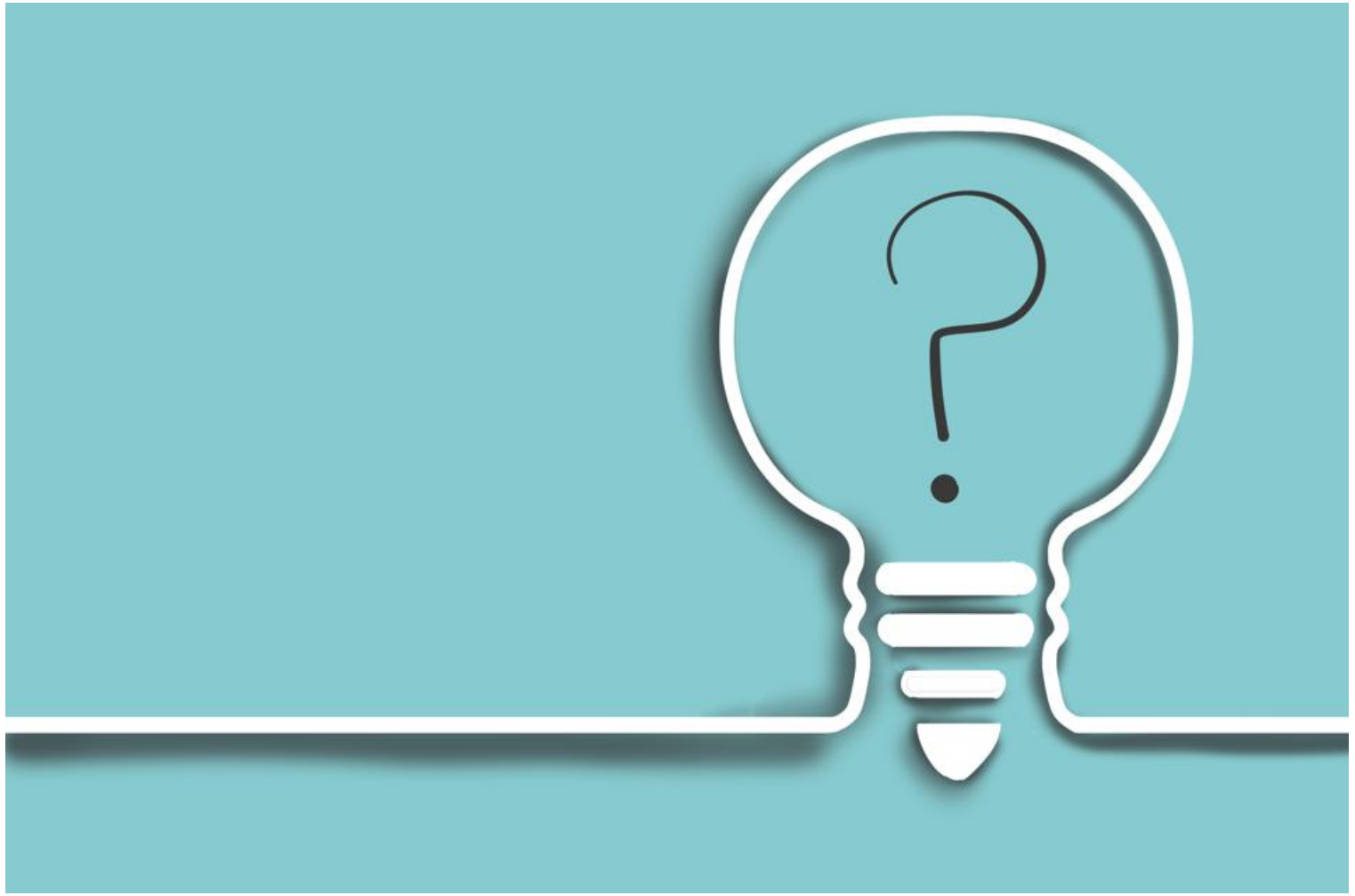
- Contact GALILEO support services. GALILEO will coordinate with EBSCO support and your IT staff to set up and map new attributes.

Thank you: Contributors

Michelle Colquitt, Georgia Gwinnett College

Jay Forrest, Georgia Tech

Deb George, Gwinnett Technical College

John Stephens, GALILEO

Thank you!