OFFICE OF INSTITUTIONAL ANALYTICS

Director's Column

HEATHER MECHLER, PHD

Data visualization has become a regular part of our modern public life, even for those who are not analysts or data scientists. Major publications like The New York Times, The Washington Post, and The Wall Street Journal produce online dashboards and interactive infographics to convey information and explain complex topics. News broadcasters use simple graphics like bar charts or line graphs to show changes over time or dramatic shifts in some significant metric (for example, interest rates or crimes).

One of the most interesting data visualizations I have encountered originated in the the 20th century by civil rights leader, intellectual, and author W.E.B. Du Bois. He produced two sets of meticulous and vibrant graphs, charts and maps for display at the 1900 Paris Exposition on experiences of Black Americans. He created these visualizations so that the world could see the progress of African Americans in the South in the post-Civil War era. Each visualization is hand-drawn, using simple but eye-catching colors, using pie and bar charts, maps, and geometric visuals. It is inspiring to think of how much manual work went into collecting each data set and creating these stunning representations.

In today's world, we have a wealth of tools to quickly process data and create graphics, but I have seen very few that compare to Dr. Du Bois's work. You can find many of them on the websites of the **Library of Congress** and the **W.E.B. Du Bois Center at the University of Massachusetts Amherst**.
I highly recommend exploring these visualizations!

THIS ISSUE

What's new in the UNM data community

BY CHARLA OROZCO

With the revived energy of a new year and semester comes many new opportunities for professional development. We'd like to point out two we hope you might be interested in – both free!

Art & Science of Data

The first is our Fourth Annual Art & Science of Data event, co-hosted by our office (OIA) and the Office of Assessment & Academic Program Review. This year, the event will be held virtually and will take place on Wednesday, February 15th from 9:00 am to 3:00 pm. This is a daylong event that seeks to empower participants with training and information on how to leverage data resources to understand their organizations and tell their stories more effectively. Registration is now open, and will remain open through February 10th, for all those who may be interested in attending. Please find additional details, along with the link to register, here.

This year, we will be hosting an in-person Data Community Roundtable and Happy Hour at Draft and Table at the UNM Albuquerque campus from 4:30-6:30pm, as well as a virtual Data Community Roundtable from 4:30-5:30pm for those who are not able to attend in-person.

IPEDS Workshops

If you've ever been interested in what goes into and how you can use the Integrated Postsecondary Education Data System (IPEDS), we recommend exploring the many upcoming workshop opportunities. These trainings are for both data providers and users. Workshops are either co-hosted by AIR and other higher education organizations or offered as an AIR stand-alone training. In either case, workshops are provided at no charge to participants. Please find additional details and the links to register here.

HOW TO GET YOUR DATA

BY JING FENG &
MONTE-ANGEL RICHARDSON

HSC DATA REQUEST FORM

OIA now has separate data request forms for main campus and HSC. The main campus data request form is for requestors with unm.edu credentials, and allows file uploading for data templates and other supporting documents. The HSC data request form is for requestors **with salud.unm.edu** credentials. It does not support file uploading, so please send any supporting files to oia@unm.edu. Links to both forms can be found on the **OIA Data Request Process** page.

Please send your data request as soon as possible, and keep in mind that we need at least 10 business days to process a data request.

TABLEAU DASHBOARD FAQ

We often get questions about our Tableau dashboards. This section will be dedicated to answering some of the questions we receive most frequently.

Q: Is it typical that the official enrollment reports have the most updated information and the others do not? When should we expect 2022 data on the others?

A: Yes, this is typical. The OER has data by semester, whereas most other dashboards aggregate by an entire academic year. The most recent completed academic year is 2021-22.

TABLEAU DASHBOARD FAQ (CONT)

Q:On the time to degree dashboard, there is an overarching average of years. How do we know the time range this represents and the number of students it represents?

A: This represents all incoming first-time students from Fall 2010 to Fall 2019 who graduated with a bachelor's degree any time between the 2016-17 academic year and the 2020-21 academic year. The filters on the right-hand side let you specify what entry and graduation years you want to view.

Q: Where can we find retention and graduation rates?

A: These are found in the **First-Year Cohort Dashboard** in the tabs labeled "Retention" and "Graduation", respectively.

Q: What is 21-day enrollment?

A: 21-day enrollment comes from the frozen census data on the third Friday of spring or fall semesters. It's a "snapshot" of the enrollment at that time, so if someone adds or drops a course after that, it's not captured.

Check out our next issue for more answered FAQs!
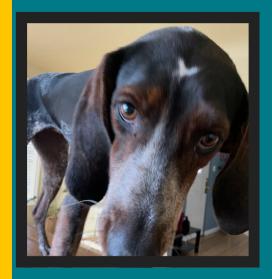
REPORTING CALENDAR CHANGES

OIA has recently made some changes to our calendar of critical reporting. All changes to reporting can be found on our **OIA Task Calendar** located at the OIA website. Some highlights of these changes are included below:

Updating of ORD tables. Please review the OIA task calendar for specific details of when these tables will be updated.

Fact book updates will take place in December annually. Our Tableau fact book dashboards will be updated at the end of each year to ensure consistency of data availability.
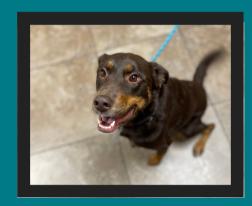
Distribution of OIA quarterly newsletters will take place in April, August, and December annually. We are planning on distributing our newsletters at the same time each year to ensure consistency.
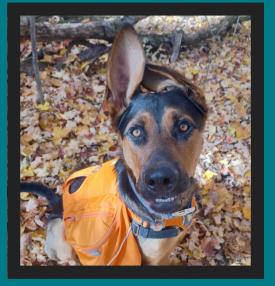
THE DOGS OF OIA

Mina is a 3-year-old Bluetick Coonhound. Her birthday is July 1, and she likes yogurt, belly rubs, running zoomies with her sister Mackenzie, and barking at delivery trucks.

Mackenzie is a 3-year-old Australian Kelpie. Her birthday is June 30, and she likes peanut butter, playing catch, running zoomies with her sister Mina, and stealing bread from the kitchen counter.

Francis is a 1 year-old German Shepherd Rottweiler owned by Monte-Angel. His birthday is October 29, just before Halloween! He loves finding a good stick, long hikes, and tearing up cardboard boxes in his spare time.

Lola is a 9-year-old French Bulldog, born November 12, 2013 11-12-13)! She loves anything to do with a ball, running through sprinklers, hiking, and being outside.

Romeo is a 12-year-old Miniature Pinscher, born September 16. His energy-level could easily rival a puppy. He loves any kind of ride, hike, or walk around the neighborhood, and also loves to snuggle with his sister Lola. Both Lola and Romeo are happy to receive love (and table scraps) from their tiny human, too!