The READY Institute at USG will help answer the community's questions with publicly accessible data dashboards, organized and searchable in alignment with the region's high-demand industry sectors (sample below).

Students and families want to know...
which pathways available in Montgomery County are...

(1) aligned with their interests, strengths, and values; and
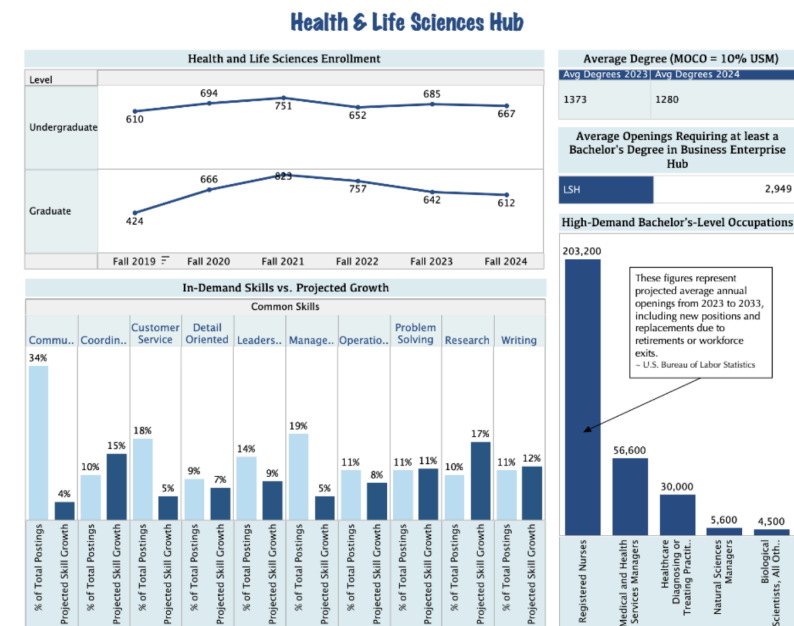(2) worth their investment of time and resources.

The RIASEC model of personality types adopted by MCPS in alignment with the Blueprint for Maryland's Future, in collaboration with Worksource Montgomery's MoCo CAP (Career Advising Program), are aligned to the Dept. of Labor's O*Net Online.

Educators want to know...
how Montgomery County alumni are doing at the next stage - in their careers and earnings, and how to continually ensure students develop needed competencies.

With feedback from local employers, Montgomery County (incl. MCPS, MC, and USG) collaborated to determine nine career competencies, adapted from best practices developed by the National Assoc. of Colleges & Employers (NACE). At USG, students' experiences developing these competencies are captured using the HireU app.

Employers and civic leaders want to know...
how education offerings and opportunities will ensure the talent pipeline needed in Montgomery County.

Health & Life Sciences Hub

Health and Life Sciences Enrollment

Level	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Undergraduate	610	694	751	652	685	667
Graduate	424	666	823	757	642	612

Average Degree (MOCO = 10% USM)

Avg Degrees 2023	Avg Degrees 2024
1373	1280

Average Openings Requiring at least a Bachelor's Degree in Business Enterprise Hub

LSH	2,949

In-Demand Skills vs. Projected Growth — Common Skills

Skill	% of Total Postings	Projected Skill Growth
Commu..	34%	4%
Coordin..	10%	15%
Customer Service	18%	5%
Detail Oriented	9%	7%
Leaders..	14%	9%
Manage..	19%	5%
Operatio..	11%	8%
Problem Solving	11%	11%
Research	10%	17%
Writing	11%	12%

High-Demand Bachelor's-Level Occupations

Occupation	Openings
Registered Nurses	203,200
Medical and Health Services Managers	56,600
Healthcare Diagnosing or Treating Practit..	30,000
Natural Sciences Managers	5,600
Biological Scientists, All Oth..	4,500

These figures represent projected average annual openings from 2023 to 2033, including new positions and replacements due to retirements or workforce exits.
~ U.S. Bureau of Labor Statistics

Data Sources
- Academic Analytics: Information on alumni employment, earnings, and communities of residence, inclusive of those living/working outside Maryland.
- BLS: Bureau of Labor Statistics
- DLLR: Maryland Department of Labor
- Lightcast: Incl. state and federal sources, as well as continuous scraping of publicly available data from over 65,000 sources. Complete list of sources here.
- MC: Montgomery College
- MHEC: Maryland Higher Education Commission
- MLDS: Maryland Longitudinal Data System
- MSDE: Maryland State Dept. of Education
- USG: Universities at Shady Grove
- USM: University System of Maryland
- WSM: Worksource Montgomery

The Universities
AT SHADY GROVE

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READY Institute
at USG