

Q R i D @ M C

Quantitative Reasoning in the Disciplines (QRiD) at MC



QRiD supports faculty in their development of pedagogical techniques that encourage students to identify, navigate, and employ quantitative information more aptly in their personal, professional, and academic pursuits.

The QRiD Program proposes that quantitative reasoning can be infused into any course. Exposing students to quantitative reasoning encourages proficiency and comfort with numbers and can help to develop a “habit of mind” that incorporates quantitative analysis into all aspects of their lives.

The QRiD Fellowship Program for MC Faculty

Interested
in
becoming
a QRiD
Fellow?

Visit the
QRiD
website

<https://cms.montgomerycollege.edu/EDU/Department.aspx?id=80522>

to apply or
contact

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The QRiD Fellowship assembles a cohort of faculty working to develop course materials that infuse and enhance quantitative reasoning skills in their courses. In fall, fellows meet to:



- Discuss the facets of QR (math is only one aspect!) via a selection of academic resources;
- Develop new student activities (or enhance existing ones) with elements of QR;
- Develop action research plans to gauge the impact that these changes have on success.

During spring, fellows implement their changes, assess the impact, and assemble a summary poster to present their findings to the college community.

Examples of QRiD Fellowship Projects:

- ELAP students survey opinions about museum exhibits, graph the results, and present the findings.
- ENGL students engage in meta-cognition by analyzing how quantitative information strengthens their papers.
- BIOL students engage in debates over public policy by analyzing lead contamination data in water supplies.
- CHEM students explain how they arrive at solutions and describe challenges that lead to incorrect answers.
- HIST students fact-check historical and political rhetoric using quantitative reasoning.
- SPAN students receive additional practice thinking in numbers and developing skills to bargain and tell time.