

Application for Sabbatical, Academic Year 2024 – 2025

Full name as it appears on your work records: Anna Toy-Palmer

Number of years of continuous full time service at VCCCD: __8_3 (: _)10 (_8)-1 (_3 (:1 reBDC EMC BT/Po(_3 (:

techniques. Recently, a research article, "Undergraduate research at community colleges: A pathway to achieve student, faculty, and institutional success" by Edgar F. Rosas Alquicira, Laura Guertin, Sean Tvelia, Peter J. Berquist, and M.W. Cole (DOI: 10.1002/cc.20524) discusses the importance of undergraduate research as an effective, high-impact educational practice. |e

Project methodology:

For the lab manuals:

- x Current experiments will be reviewed and updated to ensure lab concepts and procedures are clear and understandable.
- x New labs will be sought or designed to reduce hazardous waste while maintaining the essential concepts of the original experiment. Any new lab being introduced will be tested to ensure procedure is correct and understandable.
- x In addition, percent errors for the labs should be provided to all instructors so that student lab technique can be assessed and improvements can be made. Each lab will have its own CANVAS page with necessary links to the prelab, postlab, theory and procedure and data tables.
- x When reviewing the labs, make sure text and figures are accessible.

For the directed chemistry course (R199)

- x Establish topics per week to cover separations and spectroscopy.
- x

