

CIL RODRIGUEZ

(She/Her/Hers)

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EDUCATION	Central WA University, ELLENSBURG, WA M.S. in Chemistry-Organic 2019-Nov 2020 3.83 GPA	Central WA University, ELLENSBURG, WA B.S. in Chemistry 2015-Jun 2019. 3.96 GPA.	Olympic College, BREMERTON, WA A.A. 2011-Jun 2014. 3.50 GPA.
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CERTIFICATIONS | **Washington State Teaching Certification**
◆ High School Chemistry Education (anticipated Jun 2021)

FIELD EXPERIENCE | **Teacher's Assistant** (SEPT 2017—NOV 2020)
General chemistry lab (18-24:1 setting) & organic chemistry lab (12-16:1:1)—CWU
◆ Led lab instruction on proper lab technique and report writing based on prior knowledge and skill levels as demonstrated by prelab quiz and past lab report grade analysis via excel.

Chemistry Tutor (SEPT 2017—NOV 2020)
At tutor centers—CWU
◆ Facilitated student learning through freshman and sophomore levels at the individual and group levels & collaborated with other tutors and professors on improving tutoring skills and operations.

SCED 542-Teaching Science at Community Colleges (FEB 2019)
Introductory Organic Chemistry, Big Bend Community College
◆ Planned, instructed, and assessed a lesson for a college class.

SCED 324 & 325-Middle and Secondary Level Science Education (JUN-DEC 2017)
Grades 10-12, Ellensburg High School
◆ Collaborated with class to develop a field trip for high school student with a required assignment that we facilitated.
◆ Planned, instructed, and assessed two lessons for secondary mixed level chemistry class.

Education Foundations & Curriculums 330-Field Experience (SEPT 2016)
Grades 10-12, Gig Harbor High School
◆ Facilitated student learning by engaging students in several process-oriented inquiry exercises. Assessed student knowledge of topic and analyzed grade results for follow-up instruction.

RELATED EXPERIENCE | **Organic Chemistry Research** (SEPT 2017—NOV 2020)
◆ Performed, purified, and analyzed organic reaction products via GC-MS, IR, and NMR.
○ *New J. Chem.* 2018, 42 (20), 16451–16455. & *Tetrahedron Lett.* 2018, 59 (38), 3495-3498.

Chavez-King Leadership Institute for Social Change (SEPT 2017—NOV 2020)
◆ Participated in biweekly meetings focusing on community social justice action items and dialogue.
◆ Aided in food distribution at *APOYO*, a largely Hispanic serving food bank.
◆ Facilitated STEM based learning activities for young children at the *Early Learning Coalition*.

PROFESSIONAL DEVELOPMENT | **Students of Color Conference** (2019)
◆ Learned about various forms of racial issues affecting students of color and levels of allyship.

Annual United States Hispanic Leadership Institute Conference (2017 & 2019)
◆ Attended workshops on leadership and empowerment, focusing on achievement and motivation of Hispanic students.

Chavez-King Leadership Institute Retreat (2018)
◆ Attended workshops addressing social justice issues and how to capitalize on our top five Clifton strengths. Participated in team building and motivational exercises.

McNair Scholars Pacific Northwest PhD Prep Conference (2018)
◆ Learned the preparations required to apply and be successful in graduate programs.

REFERENCES	Dr. Timothy Beng RESEARCH MENTOR Timothy.Beng@cwu.edu	Dr. Paul Swain TUTOR CENTER MANAGER Paul.Swain@cwu.edu	Dr. Ian Quitadamo SCED PROFESSOR Ian.Quitadamo@cwu.edu
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