

LEADING 2023



**Organization: UC San Diego Library**  
**Primary mentor: Crystal Goldman**  
**Secondary mentor(s): Erik Mitchell**

Project Title	Creating a community of practice in the LEADING fellowship program
Description	<p>The project fellow will join a research team examining the perceived value of and engagement in the emerging community of practice (CoP) within the LEADING fellowship program. For this examination, the team has utilized the social learning theory-based Value Creation Framework, designed specifically to assess the value created by CoPs (Wenger, Trayner, &amp; de Laat, 2011; Wenger-Trayner, 2014). To continue fostering the CoP, the project fellow will work with the team to analyze previously gathered data using mixed method and data science informed techniques, identify interventions intended to increase CoP member engagement, recommend interventions for the LEADING program to implement, and use mixed method assessments (e.g., semi-structured interviews, questionnaires, etc.) to evaluate their effectiveness.</p>
Problems/ Research Questions	<ol style="list-style-type: none"> <li>1. Which activities are effective for engaging a geographically distributed and professionally diverse CoP?</li> <li>2. To what extent, if any, do members continue to engage with the CoP after their initial year of commitment to the LEADING fellowship program is complete?             <ol style="list-style-type: none"> <li>a. If members do continue to engage, why?</li> <li>b. What might the LEADING program do to encourage continued member engagement?</li> </ol> </li> </ol>
Techniques	Mixed method assessments of learner and community engagement

## LEADING 2023

Tools/ Languages used	MAXQDA Pro, Taguette, SPSS, Excel, Qualtrics
Data	<p>Description: Mixed method survey data and transcripts from semi-structured interviews</p> <p>Data Type: CSV, Text</p> <p>Data Size: less than 1TB</p>
Outcome	<ol style="list-style-type: none"> <li>1. As part of the project team, the fellow coordinates and leads community-building activities for the CoP</li> <li>2. The fellow uses the Value Creation Framework to assess the LEADING CoP engagement</li> <li>3. Based on gathered data, the fellow makes recommendations on future CoP activities to increase engagement</li> </ol>
Milestone Timeline	<ul style="list-style-type: none"> <li>● Month 1 - 2: Complete CITI Program human subject research training, if needed. Register as researcher on the research team's IRB application. Review previous year's survey and interview data and work with mentor to investigate potential learning intervention(s) to build engagement in CoP. Assess which data-science techniques for data cleaning and analysis might be helpful in extending the research.</li> <li>● Month 3 - 4: Support design of year 3 assessment. As part of the project team, implement and assess learning intervention(s) with current year's fellow cohort. Follow up with previous years' fellows to assess their continued engagement, if any, with the CoP.</li> <li>● Month 5: Analyze this year's assessment data, compare to previous years' data, and write up an after-action brief with findings and recommendations for future CoP learning interventions.</li> </ul>
References	<ul style="list-style-type: none"> <li>● Wenger-Trayner, B. (2014). <i>World Bank report and recommendations: Learning partnerships in the program for capacity building to strengthen good financial governance in Southern and Eastern Africa, 2010-2014</i>. <a href="https://wenger-trayner.com/wp-content/uploads/2014/12/14-11-21-WB-report-SADCOPAC-EAAPAC.pdf">https://wenger-trayner.com/wp-content/uploads/2014/12/14-11-21-WB-report-SADCOPAC-EAAPAC.pdf</a></li> <li>● Wenger, E., Trayner, B., &amp; de Laat, M. (2011). <i>Promoting and assessing value creation in communities and networks: A conceptual framework</i>. Rapport 18, Ruud de Moor Centrum, Open University of the Netherlands.</li> </ul>