Research and Evidence in the Teacher Candidate Work Sample (TCWS)
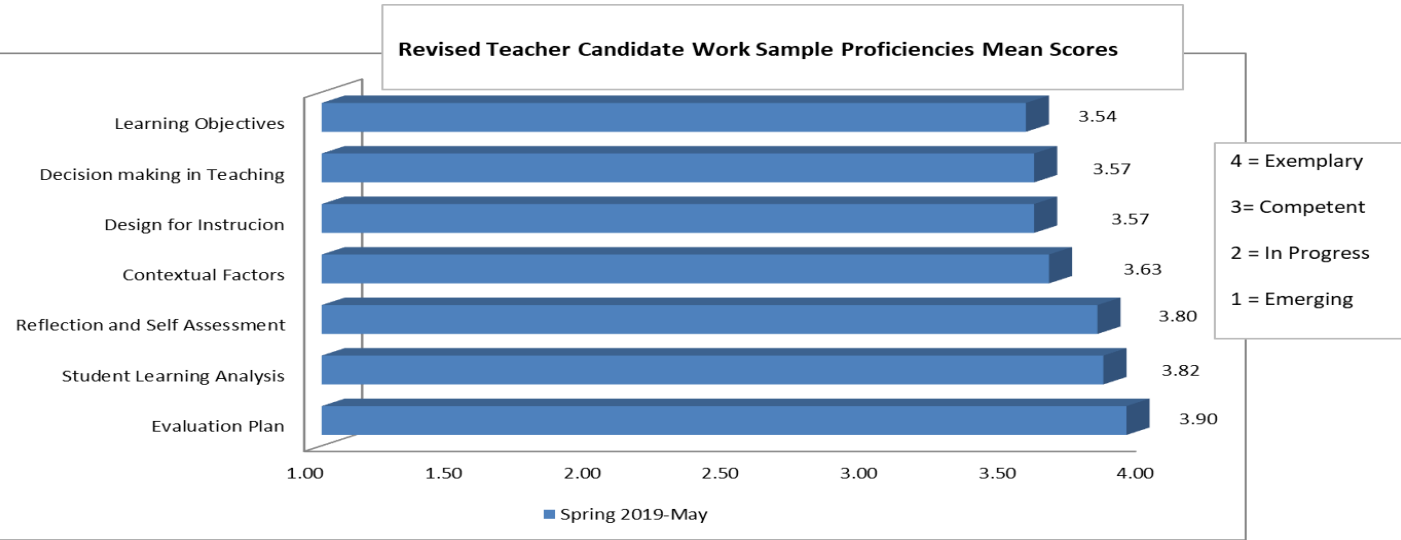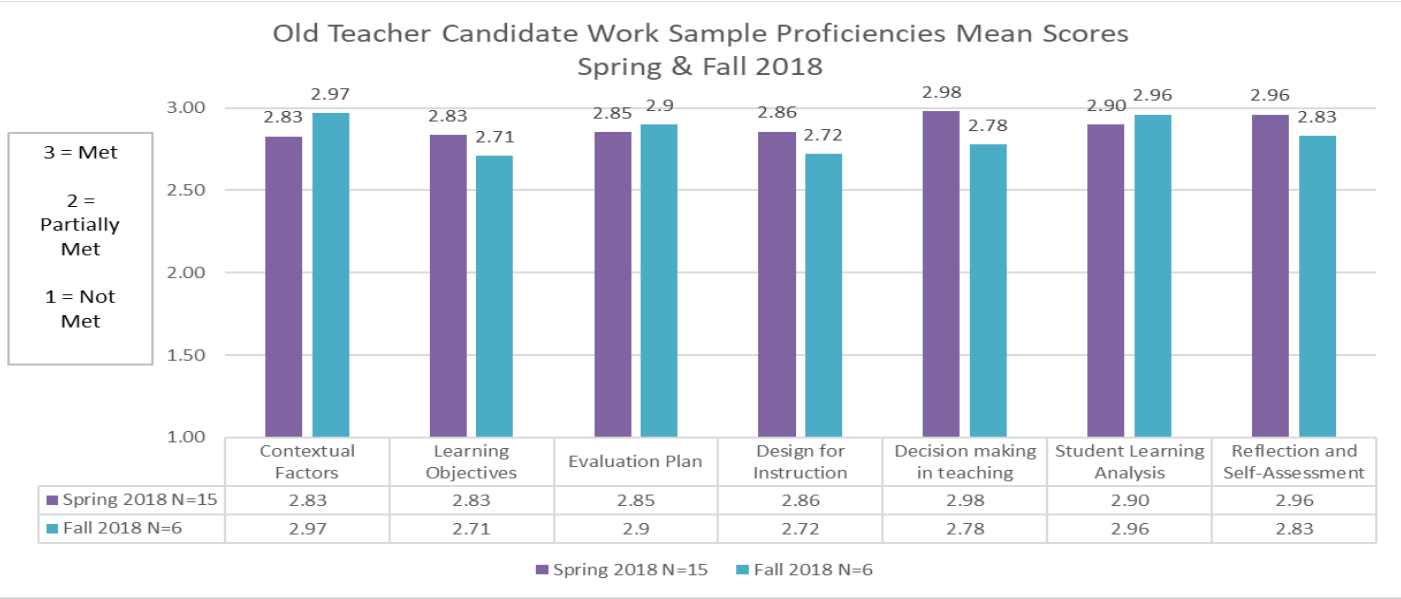
In the Teacher Candidate Work Sample, UPRP teacher candidates must fully document the process that includes the context, individual differences, learning goals, instruction plan, pre and post assessment, student learning analysis, instructional decision-making process, and a final reflection on how to improve teaching practice in order to enhance student learning. UPRP TCWS/MTEM is a product that demonstrates the teacher candidate's ability to plan, teach, evaluate and feedback learning an educational sequence in a subject. It also serves to document student execution and reflect on the effects of their teaching on student learning. MTEM includes a teaching unit that can span a period of between one and three weeks of class. It shows both the objectives and the specific activities carry out during that period to help students learn, as well as the impact of them on their learning. MTEM is a way to help the teacher candidate to integrate, consistently and meaningfully, planning, teaching and learning assessment to promote meaningful learning in students. There are rubrics for each of the seven TCWS standards (see 1.1.2c & 1.1.2d TCWS Old & Revised Manual). The following graphics shows the samples of the three last semesters: Spring & Fall 2018 and Spring 2019 where the 100% of the teacher candidates fully meet all the criteria of the assessment indicators.

The Teacher Candidate Work Sample/UPRP MTEM includes **seven** teaching proficiencies identified in literature as fundamental to improving student learning. Each process is accompanied by a standard, by the implementation indicators that will be included in the headings that will be used to evaluate the MTEM and which are included later in this document and the aligning with The Professional Standards of the Puerto Rico (PRDES), those of the *Council for the Accreditation of Educator Preparation*(CAEP)) and the professional standards *of the Inters*tate Teacher Assessment and Support *Consortium (InTASC).*

Old Teacher Candidate Work Sample Proficiencies Mean Scores
Spring & Fall 2018

3 = Met

2 = Partially Met

1 = Not Met

	Contextual Factors	Learning Objectives	Evaluation Plan	Design for Instruction	Decision making in teaching	Student Learning Analysis	Reflection and Self-Assessment
Spring 2018 N=15	2.83	2.83	2.85	2.86	2.98	2.90	2.96
Fall 2018 N=6	2.97	2.71	2.9	2.72	2.78	2.96	2.83

■ Spring 2018 N=15 ■ Fall 2018 N=6

Revised Teacher Candidate Work Sample Proficiencies Mean Scores

Learning Objectives 3.54
Decision making in Teaching 3.57
Design for Instrucion 3.57
Contextual Factors 3.63
Reflection and Self Assessment 3.80
Student Learning Analysis 3.82
Evaluation Plan 3.90

4 = Exemplary

3= Competent

2 = In Progress

1 = Emerging

■ Spring 2019-May

The TCWS is fundamentally a classroom action research project. As such, the TCWS is how the UPRP EPP ensures that its teacher candidate not only use research and evidence to better understand the teaching profession but learn to conduct action research in their own classroom. For example, the process they perform to investigate contextual factors.

Standard: *The teacher candidate uses information about the learning teaching context to create environments that support individual and collaborative learning, and to promote social interaction, active learning commitment, and self-motivation.*

Indicators: Knowledge of the community, school and classroom factors, Knowledge of student characteristics, Knowledge of students' different learning styles, Knowledge of prior knowledge and student skills, and Implications for planning and instructional evaluation.

Contextual Factors: In spring 2019, 100% (N=8) students got 3 or more in each criteria of Contextual Factors on a scale of 1 to 4. On fall 2018, (N=8) only in one criterion (1.1), 83% students got 3 in a scale of 1 to 3. The other four criteria, 100% students got 3. At other hand, in spring 2018, students, got 3 in scale 1 to 3: 1.1 – 93%; 1.2 – 93%; 1.3 – 87%; 1.4 – 74% and 1.5-87%. See graphic below.

In the old instrument, the teacher candidate should get at least an ***average of 2.6*** (See UPRP Education Assessment Plan 1.2.4) of each process to achieve the goal of ***Accomplish (Old)*** and, an ***average of 3.47*** on the revised instrument.

Spring 2019

TWCS Contextual Factors

On a scale of 1 to 4, each student will get 3 or more in each criteria

Mean 3.6 N=8

1 ■ 2 ■ 3 ■ 4 ■ 5

TCWS Contextual Factors

	1.1	1.2	1.3	1.4	1.5
■ Dec-18	83%	100%	100%	100%	100%
■ May-18	93%	93%	87%	73%	87%

Mean 2.97 N=8   ■ Dec-18 ■ May-18   Mean 2.83 N=15