

Jaclyn L. Pedersen, Ed.D
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EDUCATION

Doctor of Education	2023	The University of Texas at Tyler Major – School Improvement
Master of Education	2010	The University of Texas at Tyler Major - Educational Leadership
Bachelor of Science	2006	The University of Texas at Tyler Major - Mathematics

EXPERIENCE

2023 – Present

**EXECUTIVE DIRECTOR of CURRICULUM
UT TYLER UNIVERSITY ACADEMY**

- Oversee all curriculum, instruction and assessment for the UT Tyler University Academy
- Work closely with the university to ensure implementation of the instructional model outlined in the university charter
- Supervise a specialized curriculum team
- Train and work closely with University Academy instructional coaches
- Work closely with Directors to ensure model is implemented with fidelity
- Conduct and implement PDSA cycles of improvement for instruction across the district
- Wrote and received TIA implementation
- Oversee the TIA program and train Directors, teachers and instructional coaches
- Oversee schedules and teaching assignments for the district
- Oversee the budget for curriculum resources, professional development, and instructional needs
- Plan all professional development for University Academy teachers
- Plan and facilitate project based and problem based learning training and personalized learning training
- Monitor data and work closely with Directors, teachers and coaches to track student progress
- Oversee multiple grants and initiatives for the district
- Supervise the District LPC and work closely with social emotional programs

- Supervise the Testing/Academic Coordinator who oversees special programs
- Supervise the Technology Director and support district technology needs
- Supervise the District Academic counselors and work closely with the university on dual credit classes and programs

2010 – Present

**ADJUNCT PROFESSOR
UTEACH MASTER TEACHER
UNIVERSITY OF TEXAS AT TYLER**

- Instruct UTeach Tyler students in EDUT 4370: Project Based Instruction
- Instruct UTeach Tyler students in EDUT 3371: Classroom Interactions
- Observe and mentor students during their field work
- Observe and mentor clinical teachers
- Conduct and plan professional developments including project based learning, mathematics and technology
- Coach middle school and high school math teachers in implementing best practices in mathematics
- Coach teachers in implementing technology into their classrooms
- Instruct UTeach Tyler students in EDUT 1170 Step 1: Inquiry Approaches to Teaching and EDUT 4170 Apprentice Teaching Seminar
- Plan and organize local education conferences

2014 – 2022

**DIRECTOR of CURRICULUM, INSTRUCTION &
ASSESSMENT
UT TYLER UNIVERSITY ACADEMY**

- Oversee all curriculum, instruction and assessment for the UT Tyler University Academy
- Work closely with the university to ensure implementation of the instructional model outlined in the university charter
- Supervise a specialized curriculum team
- Train and work closely with University Academy instructional coaches
- Work closely with Directors to ensure model is implemented with fidelity
- Plan all professional development for University Academy teachers
- Plan and facilitate project based learning training

- Coach teachers in planning and implementing project based learning and problem based learning
- Monitor data and work closely with Directors, teachers and coaches to track student progress
- Oversee multiple grants and initiatives for the district

2008 – 2010

TEACHER - Mathematics
WHITEHOUSE HIGH SCHOOL
 Whitehouse Independent School District

- Taught Pre AP Geometry, Geometry and 11th grade TAKS remediation courses

2006 – 2008

TEACHER - Mathematics
FORNEY HIGH SCHOOL
 Forney Independent School District

- Taught Pre AP Geometry and Algebra I

CERTIFICATIONS

Mathematics	2006	(8-12)
Principal	2010	(EC-12)

SPECIALIZED TRAINING

Improvement Science
 T-TESS
 Project Based Learning
 Personalized Learning
 Instructional Leadership and Development
 Teacher Expectations and Student Achievement
 AP Mathematics 9-12
 UTeach Master Teacher Classroom Interactions
 UTeach Master Teacher Project Based Instruction
 UTeach Master Teacher Apprentice Teaching
 EdTPA

PRESENTATIONS

Effects of a Personalized Learning Model on the Mathematical Achievement of Elementary Students
Coaching Model: Utilizing Instructional Coaches to gain Academic Achievement
Supporting PBL Culture Through a Leadership Lens
How Supporting a Strong PBL Culture Leads to High Student Achievement
Project Based Learning
Instructional Coaching Model at UT Tyler Innovation Academy
UTeach Tyler and the Innovation Academy: Innovation in Clinical Study
UTeach at a Small University
Mathematical Questioning Strategies
Algebraic Reasoning
Cooperative Learning
Mathematics Manipulatives
TI-Navigator and Authentic Feedback
Mentor Training
EdTalk: Project Based Learning
The Effects of a Personalized Learning Model on the Mathematical Achievement of Elementary Students

PUBLICATIONS

- Pedersen, J. L. (2023) The effects of a personalized learning model on the mathematical achievement of elementary students. *University of Texas at Tyler: Education and Theses and Dissertations*. doi: <http://hdl.handle.net/10950/4249>
- Pedersen, J. L., Odell, M. R. L., Kennedy, T., Dyer, K. D., & Simmons, J. (2021) Improvement Science Models Used for Achievement in Mathematics. In D. S. Peterson & S. P. Carlile (Eds.), *Improvement Science: Promoting Equity in Schools*. (Chapter 9). Myers Education Press, LLC.
- Odell, M. R. L., Kennedy, T. J., Pedersen, J. L., & Dennis, A. (2024). The University Academies: An Improvement Science Research Platform for P-20 Education. *Frontiers in Education*.
- Odell, M. R. L. & Pedersen, J. L. (2020). Project and Problem-Based Teaching and Learning. In B. Akpan & T.J. Kennedy (Eds.), *Science Education in Theory and Practice*. (Chapter 23, p. 343-357). Switzerland: Springer International Publishing.
- Odell, M. R. L. & Pedersen, J. L. (2020). Laboratory Schools to Support the Preparation of UTeach Preservice Teachers. In J.E. Goodell & S. Koc (Eds.), *Preparing STEM*

Teachers: The UTeach Replication Model. (Chapter 9, p. 119-134) Information Age Publishing.

Ferrara, J., Pedersen, J. & Odell, M.R.L. (2021). Creating Digital Content Using Stop Motion Animation: Delving into Expressions and Equations. In Lee, J.S. and Galindo, E. Making Mathematics Come Alive in the Elementary Classroom with Project-Based Learning: Rigor, Relevance and Relationships. National Council for Teachers of Mathematics (NCTM): Reston, VA.

Rasberry, J. R. Odell, M. R. L., Kennedy, T., Dyer, K. D., Pedersen, J. L., & Simmons, J. (2021) University Academy Lab Schools: Closing the Gaps in Literacy. In D. S. Peterson & S. P. Carlile (Eds.), *Improvement Science: Promoting Equity in Schools*. (Chapter 3). Myers Education Press, LLC.

GRANT AWARDS

TEA Math Innovation Zones 2019-2020
TEA Blended Learning Grant 2020-2021
TEA Blended Learning Sustainability Grant 2021-2022
TIA Fully Approved System 2023

AWARDS

Texas Journal of School Improvement Review Board
Excellence in Teaching Award: The National Society of Leadership and Success

REFERENCES

Michael Odell
Professor of STEM Education
University of Texas at Tyler
903-566-7132

Jo Ann Simmons
Superintendent
Cumberland Academy
903-705-4330

Donna Wise
Assessment Division
Texas Education Agency
903-721-0802

