

Phung Tran (Betty)

UT Tyler RBN 4th floor

Email: ptran@uttyler.edu

EDUCATION

M.S. in Mathematics, UT Tyler, Tyler TX, Jun. 2018

Thesis title: Equivalent Constructions of Cartan Pairs, Advisor: Dr. LaLonde

M.S. in Applied Economics, University of Wyoming, WY, defended May 2013

A Dual Economics Analysis of Capital Utilization and Productivity Growth in US Agriculture

Advisor: Dr. Matt Andersen

B.S. in Finance, University of Wyoming (UW), WY, Dec. 2010

TEACHING EXPERIENCE

- Adjunct Instructor, University of Texas at Tyler, Math department, Jan. 2026 - present
- Full-time Lecturer, University College, University of New Mexico UNM, Fall 2023 -Fall 2024
 - Teach four to five courses per semester for undergrad students; student experience project (SEP) fellow; research faculty, mentor new and adjunct faculty, etc.
- Part time Faculty, UNM, Foundational Math, FYEX 1010 courses, Fall 2022 – Fall 2023
- Graduate Student Instructor of Record for the following courses:
 - Math 1512, Calculus I, Summer 2020
 - Intermediate Algebra, Math 1215, Summer 2019
- Teaching Assistant, UNM, 2018 -2021 for courses below:
 - Math 1512 (Cal I) three times, Math 1522 (Cal II) one time, Math 2530 (Cal III) two times
 - Abstract Algebra, Vector Analysis, Linear Algebra, Intro to Mathematical Thinking and Discrete Structures, Nonlinear Dynamics and Chaos, basic Statistics
- Graduate Assistant, Math Lab Learning (MaLL), UNM, 2021 -2022
 - Train new tutors monthly, proctor exams, tutor students, work on administrative duties
- Calculus lab lead TA, UT Tyler, 2016 -2018, Calculus I and Calculus III
- Grader, UT Tyler, Calculus II, Probability, and Intro to Stat (for social science)
- Teaching Assistant, University of Wyoming, 2011-2013, Econometrics/Applied Stat (intermediate level) and Economic Development

COMPUTER SKILLS

- Zoom, MS Teams, Blackboard Learn, Canvas, ALEKS, EdReady, MyMath Lab, SPSS, Mathematica, Stata, Python, R, MS Suite (Word, Excel, Powerpoint, Outlook), LaTeX, etc

RESEARCH EXPERIENCE

- Co-author, Audrey Lee, Solomon Gbara, Cash Clifton, Kenneth Oravetz, & Jacob A. Greenberg. A Unique Incomplete Pathway Promotes Students' Success and Retention for Developmental Math Students. *Submitted to the Journal of Research on Educational Effectiveness*. Nov 2024.
- Co-author, L.-K. Lauderdale et al. "Vertex-Minimal Planar Graphs with Cyclic 2-Group Symmetry", *Journal of Algebraic Combinatorics*, Sep. 2020 (published)

- Thesis defense, functional analysis (math), Jun. 2018
- Research Assistant, University of Nebraska-Lincoln, USDA and local grants, 2013 –2015
- Thesis defense, applied economics, May 2013

SELECTED UNIVERSITY ACTIVITIES

- Received training as a search/hiring committee member, Fall 2024
- Exam Coordinator, final schedules per semester for foundational math students, Aug. 2023 - Dec 2024
- Attendee, University College Faculty Meeting, Sep. -Dec. 2024
- McNair evaluator for oral presentation sessions, Sep. 2024
- Mentored new FM faculty on ALEKS, Canvas, Sep. -Dec. 2024
- Marshall, UNM first year convocation, Aug. 2024
- Attendee, Student Success Discussion, Aug. 2024
- Participant/session speaker, **NROC** and foundational math institutional training, Aug. 2024
- Help decorate and make name tags for **NROC** reception event, Aug. 2024
- Student Experience Project (SEP) fellow, first meetings in Jun. & Aug., Fall 2024
- Marshall, UNM undergraduate commencement, May 2024
- Participant/Volunteer, Dean's Reception (to honor students with high GPA), May 2024
- Attendee, spring teaching conference, Apr. 2024
- Participant, undergrad research weekly group meeting, Spring 2024
- Attendee, black history event, UNM, Jan. 2024
- Participant, University College Dean search listening session with Provost, UNM, Jan. 2024
- Made review sheets, practice exam questions and answers for all foundational math faculty and students, 2023 -2024
- Attendee, undergraduate research weekly group meeting, Aug -Dec. 2023
- Exam proctor for three students from colleague, fall 2023
- Banner carrier and participant, fall 2023 commencement, UNM, Dec. 2023
- Participant, end-of-year department lunch, Dec. 2023
- Helped former students to pass math 1215 X, Y, Z courses, Sep. -Nov. 2023
- Volunteer to schedule and inform final exams for all foundational math faculty, Nov. 2023
- Attendee, UNM President's traveling hour, Oct. 2023
- Covered colleagues' classes (Chavez, Artemio Z., Cash, Jake, Michael, Nat, 9 to 12) volunteered, many times, Aug 2023 -2024
- Mc Nair evaluator for several poster and oral presentation sessions, (early) Sep. 2023
- Participant, first-year convocation or freshman family day, UNM, Aug. 2023
- New Orientation volunteer to welcome new undergrad and grad students, UNM, Aug. 2023
- Attendee, central for learning and teaching (CTL) training (via zoom), Aug 2023
- Attendee, new orientation for full-time faculty and at university president's house, Aug. 2023
- Volunteer for golf tournament contest, UNM, Aug. 2023 training
- Helped former students to complete and pass math 1215 X, Y, and Z, Summer 2023
- Attendee, Asian American Pacific Islander meeting with program coordinator, University College, UNM, Jul. 2023
- Attendee, associate dean position (first round) interview with open questions and answers (faculty and staff development), University College, UNM, Jul. 2023

- Attendee, United Way of North Central New Mexico (UWNCNM) conference, Jun. 2023
- Attendee, University College, institutional training, May 2023
- Receptionist volunteer to help at UNM International Association for College Admission Counseling (ACAC) conference, Jul. 2022
- Completed OILS 583 Graduate Teaching Seminar with grade A, Dec. 2020
- Non-resident tax volunteer, UNM, Mar. 2020
- Proctor, New Mexico UNM-PNM Math contest, Feb. 2020
- Grader, New Mexico UNM-PNM Math contest, Nov. 2019
- Participant, UNM Workshop on Positivity, May 2019
- Attendee, Calculus Bowl contest, Dallas, TX, Spring 2018
- Selected attendee to visit Berkshire Hathaway Inc., Omaha, NE, 2014
- Selected presenter, international trade conference, Thailand, 2014
- Participant, U. Wyoming (UW) charity fund raising, Apr. 2013
- Performer, UW International Talent Contest and Fashion Show, Apr. 2011-Apr. 2012
- High school judge, Wyoming State Science Fair, Mar. 2011
- Member, UW Honors Program, Phi Theta Kappa and other organizations as AMS and AAEA

SELECTED HONORS & AWARDS

- UT Tyler, John Soules Foods Endowed Scholarship for Graduate Students, 2025 -2027
- Google professional certificate (database management), in progress
- Google certificate, foundations of digital marketing and e-commerce, Oct 2025
- Video lecture maker with different ways to solve many ALEKS topics 2023 -2024
- Research faculty member for undergraduate students on several projects, 2023 -2024
- Round table leader (growth mindset for developmental math) at NROC event, UNM, Aug 6 & 7, 2024
- Received recognition and appreciation for five years of services at UNM, 2018-2023
- Achieved GPA above 4.0, UNM, 2020 – 2021
- U. New Mexico Grad TA and GA, pure math, Aug. 2018 -Jul. 2022
- UT Tyler Graduate TA, math and statistics, 2016 -2018
- UT Tyler Grad Fellowship, 2016 -2017
- U. Nebraska-Lincoln (UNL) Grad RA & TA (Econ), 2013 – 2015
- U. Wyoming (UW) Grad TA, 2011 – 2013
- UW Scholarship for International Graduate Students, 2011 – 2013
- Named on Provost List, May 2011; Dean List, Dec. 2010; President Honors List, 2007-2008
- UW Peak Achievement Scholarship, 2009 – 2011
- UW Honors Scholarship, 2009 – 2010

REFERENCES (available upon request)

Instructor's Teaching Record at UT Tyer, Math dept, 2026 and University College, UNM, 2022 -2024

Spring 2026 one course with student enrollment (excluding I and W grades)

Math 1342.006: Statistics with 12 (final 10) students, pass rate: 67%

Fall 2024 five courses with student enrollment (excluding I and W grades)

FYEX 1010 -001: Foundational Math with 21 students, pass rate: 62%

FYEX 1010 -007: Foundational Math with 22 students, pass rate: 71%

FYEX 1010 -028: Foundational Math with 22 students, pass rate: 77%

FYEX 1010 -029: Foundational Math with 23 students, pass rate: 74%

FYEX 1010 -602: Foundational with 20 students, pass rate: 65%

Teach foundational math students with incomplete grades, winter 2024-2025

Summer 2024 one course with final student enrollment & pass rate (excluding W grades)

FYEX 1010 -001: Foundational Math with 18 students, pass rate: 94%

Spring 2024 courses with enrollment & pass rate (excluding W grades)

FYEX 1010 -602: Foundational Math with 18 students, pass rate: 61%

FYEX 1010 -603 with 20 students, pass rate: 75%

FYEX 1010 -604 with 19 students, pass rate: 74%

LAIS 409 -005 (video lectures)

Fall 2023 four courses with final student enrollment & pass rate (excluding W grades)

FYEX 1010 -007: Foundational Math with 34 students, pass rate: 79%

FYEX 1010 -008 with 25 students, pass rate: 84%

FYEX 1010 -024 with 38 students, pass rate: 76%

FYEX 1010 -029 with 22 students, pass rate: 82%

Spring 2023 two courses with final student enrollment & pass rate (excluding W grades)

FYEX 1010 -001: Foundational Math with 18 students, pass rate: 89%

FYEX 1010 -005 with 20 students, pass rate: 60%

Fall 2022 five courses with final student enrollment & pass rate (excluding W grades)

FYEX 1010 -005: Foundational Math with 37 students, pass rate: 78%

FYEX 1010 -007 with 34 students, pass rate: 94%

FYEX 1010 -009 with 38 students, pass rate: 76%

FYEX 1010 -021 with 37 students, pass rate: 92%

FYEX 1010 -024 with 33 students, pass rate: 88%

(courses before August 2022 available upon request)