TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Dai Duong Le Title: Doctoral Teaching Assistant

B. Educational Background

Degree: M.S	*Year: 2015*	*University: Ho Chi Minh City University of Education, Ho Chi Minh City, Vietnam*	*Major: Analysis*	*Thesis/Dissertation: Analysis of Idempotent Functions*

II. TEACHING

A. Teaching Honors and Awards:

- *Outstanding Teacher of Ho Chi Minh City Award*, Ho Chi Minh City, November 2022.
- 6 *Awards for Outstanding Young Staff*, Sai Gon University, Academic years 2016-2023.
- 4 Certificates of merit for *Outstanding Achievement in Training Talented Students*, Saigon University's Practical School, Academic years 2015-2023 (Train high school students to achieve 2 Gold Medals, 4 Silver Medals, 5 Bronze Medals in Ho Chi Minh City's Mathematics Olympiad)
- First prize in *Teaching Skills Competition*, Saigon University's Practical School, Academic year 2017-2018.

B. Courses Prepared and Curriculum Development:

- Conduct 20 workshops to train over 60,000 in-service middle and high school teachers to implement national mathematics curriculum and textbooks. — Mar 2022–May 2024
- Developed curriculum and digital resources for Module 2 "*Methods to Teaching Reformed-oriented Mathematics*" to train all Vietnamese in-service middle school mathematics teachers, Vietnam Enhancing Teacher Education Program (ETEP). — 2020–2021
- Conducted sample math lessons on student-centered instruction for Vietnam Education Publishing House, videos recorded are used as materials to train in-service teachers. — Jan 2021
- Give annual talks and presentations on teaching methods and assessment for about 150 preservice teachers at Ho Chi Minh City University of Education. — Dec 2020–May 2024
- Mentor 2 prospective mathematics teachers in their student teaching program each year. — Sep 2019–May 2024
- Mentor 1 novice mathematics teacher during their first year of teaching each year.

C. Other:

K-12 Teaching

Secondary School Mathematics Teacher (September 2019 – May 2024)
Saigon University's Practical School, Ho Chi Minh City, Vietnam

- Teach 2 grades 6-9 and 2 grades 10-12 math classes with approximately 150 students each academic year.
- Serve as *Head of math department*, lead and oversee the instruction of 20 math teachers.
- Train 5-7 talented students to participate in math competitions each year.
- Create a YouTube channel with nearly 200 videos to teach mathematics for students

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

Textbooks: I co-authored 7 textbooks, 4 instructional manuals, and 8 students' workbooks in the series "*Discovering Mathematics*" . Selective publications include:

- Le, C. H. T., Pham, T. T. T., Tran, D. T., **Le, D. D.** (2023). *Mathematics for Grade 8, Volume 1*. Hue University Publishing House.
  Authored 2 chapters: *Pythagorean theorem; Regular pyramids.*
- Le, C. H. T., Pham, T. T. T., Tran, D. T., **Le, D. D.** (2023). *Mathematics for Grade 8, Volume 2*. Hue University Publishing House.
  Authored 1 chapter: *Linear functions, linear equations, and graphs.*
- Le, C. H. T., Pham, T. T. T., Tran, D. T., **Le, D. D.** (2024). *Mathematics for Grade 9, Volume 2*. Hue University Publishing House.
  Authored 3 chapters: *Quadratic functions, quadratic equations, and graphs; Regular polygons and rotations; Cones, Cylinders, and Spheres.*
- Le, C. H. T., Tran, D. A., Tran, D. T., **Le, D. D.**, Le, D. C., Ngo, D. M., Pham, K. D., Ho, T. L. (2024). *Mathematics for Grade 9, Volume 2*. Hue University Publishing House.
  Authored 2 chapters: *Integrals and application; Conditional probability*.

2. Articles:

Refereed Journal Articles:

Le, D. D. (2022). Some integrated ideas in teaching geometric progression in grade 11 math curriculum. *Scientific Journal of Saigon University. 80*(2), 64–71.

IV. SERVICE

A. Departmental & Institutional

- **Organizer**, *STEAM Smart City*, an annual competition for grades 8-9 students at Saigon University's Practical School to apply knowledge in STEAM subjects to design models of smart city. I serve as organizer and judge of this competition. 2022–Present
- **Search Committee**, I lead the *Search Committee* to recruit a total of 13 math teachers for Saigon University's Practical School in Academic years 2019-2023. 2019–Present
- **Judge,** I serve in Evaluation Committee for *Teaching Skills Competition* at Saigon University's Practical School throughout Academic year 2019-2023. 2019–Present

B. Professional:

Professional Service

- **Judge**, I serve as judge for *Preservice Teachers' Teaching Skills*, an annual competition for preservice mathematics teachers at Saigon University to showcase their teaching and pedagogical skills, Academic year 2022-2023. — Nov 2022
- **Reviewer** for *Master of Arts in Mathematics Education program*. I reviewed and gave feedback for the proposal to open the new master program in mathematics education at Ho Chi Minh City University of Education. — August 2022
- **Judge**, I serve as judge for *Rehearsal Teaching Demo*, an annual competition for preservice mathematics teachers at Ho Chi Minh City University of Education to show their teaching skills to potential employers, Academic years 2021-2023 — 2021–Present
- **Reviewer** for Module 9 "*Employ Technologies in Teaching Mathematics*", a professional development curriculum to train in-service mathematics teachers to use technologies in their instruction, Vietnam Enhancing Teacher Education Program (ETEP), Ministry of Education and Training (MOET). — Oct 2021

Curriculum Development

Project Manager & Curriculum Developer
Kyons, Ho Chi Minh City, Vietnam

- Lead a team of 7 mathematics teachers to design 4,500 questions to assess students' understanding of mathematical concepts across grades 10-12 and answer keys.
- Put the questions into a platform using AI to support student learning.

Project Manager & Curriculum Developer
Vietnam U.S.A. Society English Center (VUS), Ho Chi Minh City, Vietnam

- Supervise a team of 9 mathematics teachers to design grades 6-9 mathematics curriculum, including lesson plans, homework assignments, and tests.

Assistant Curriculum Editor
EZLearn, Ho Chi Minh City, Vietnam
Developed curriculum to train teachers to teach mathematics in English.

C. Community:

- **Volunteer**, *Green Summer Volunteer Campaign 2011*, I served as a teacher and tutor for orphans and poor children at Phat Huy Center, Ho Chi Minh City for 3 months. — May – July 2011
- **Volunteer,** *National University Entrance Exam Support Campaign 2010*, I supported the candidates for the National University Entrance Exam at Ho Chi Minh City University of Education with transportation, accommodation, food, and drink for a month. — July 2010