

MINH PHAM, Ph.D. student

School of Information Science and Learning Technologies, University of Missouri

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EDUCATION

Ph.D. student in Information Science and Learning Technologies

- University of Missouri, Columbia, MO (August 2016 – present)
- *Emphasis Area:* Game-based learning, Online Learning, UX design, quantitative research
- *Relevant coursework:* Designing Games for Learning, Designing Online Learning, Needs Assessment for Instructional Design, Human Computer Interaction, Multivariate Analysis, Generalized Linear Modelling, Structural Equation Modelling

M.Ed in Globalization and Education Change (June 2014 - May 2016)

- College of Education, Lehigh University, Bethlehem, PA
- *Emphasis Area:* Instructional Technology
- *Relevant coursework:* Basic Multimedia Programming and Resource Development for Learning, Advanced Multimedia Programming and Resource Development for Learning, Online Teaching and Learning, Technology for Teaching and Learning, Instructional Design

Exchange Student in TEA program (January - March 2014)

- College of Education, Bowling Green State University, Bowling Green, Ohio
- Attended a two-month exchange program for international teachers sponsored by the Bureau of Educational and Cultural Affairs of the US Department of State.

M.A., English Linguistics and Culture (September 2008 - December, 2010)

- College of Foreign Languages, Vietnam National University, Hanoi
- *Emphasis area:* English linguistics

B.A., English Language Teaching (September 1999 - June 2003)

- College of Foreign Languages, Vietnam National University, Hanoi

- *Emphasis area*: English linguistics

PROFESSIONAL EXPERIENCE

Research Assistant at IE Lab at the University of Missouri (August 2016 – present)

- Administered how research participants participated in TUG (Time Up and Go) tests, recorded and took pictures of the test process, and then coded and analyzed the data.
- Evaluated the usability of LexMizzou game in terms of its terminology, design, aesthetics, function, and navigation
- Wrote a grant proposal for LexMizzou, applied it to I-Corps, and got funded.
- Analyzed data to identify the needs for a media system and developed an interactive prototype for the Media Innovation System project

Intern at Missouri Small Business and Technology Development Center (May 2017 - present)

- evaluated economic impacts of federal and state funded projects on the state of Missouri, using IMPLAN as a tool to build input-output models;
- conducted research and build pricing models;
- identified, evaluate, and develop research based projects, using diverse methodologies focused on improving economic growth and enhancing business ecosystem;
- conducted literature reviews to identify existing and developing tools, identifying available data sources to help evaluate the efficacy of selected tools, and developing profiles describing preferred implementation methods within the state of Missouri;
- assisted in the development of educational materials focused on engaging stakeholders within the economic development community.
- Wrote a grant proposal and got funded.

INSTRUCTIONAL DESIGN EXPERIENCE

- Spring 2018 - present: I have been working with Dr. Xinhao Xu to design the VR environment to host commencement ceremonies for distant students and design and develop learning activities for students to explore the opportunities for learning and teaching with VR.

- Spring 2018,

- worked with Dr. Rose Marra to design and develop learning contents on data reuse and ethics of using big data for a data ethics course: an online course for undergrad and grad students.

- worked with Dr. Sandra Erdelez to develop contents for remote usability testing: an online course for undergrad and grad students.

- Fall 2017, I worked with Dr. Denis Adkins to develop contents on how to create a story map using ArcGIS: an online course for grad students.

- Spring 2016, I worked with Dr. Sandra Erdelez to develop contents on concepts relevant to Information Behavior: a face to face course for doctoral students.

TEACHING EXPERIENCE

Teacher of English, Foreign Language Department (September 2005 - June 2014)

- Lao Cai High School for Gifted Students, Lao Cai city, Vietnam

- Taught English for students majoring in English as well as students majoring in other academic subjects; training students with English content knowledge for regional and national contests for excellent students; led and collaborated with other teachers in the department in curricular and instructional building and design for ESL teaching and learning at high school level

Teacher of English, Foreign Language Group (September 2003 - August 2005) - Bat Xat High School, Bat Xat district, Lao Cai province, Vietnam

- worked as a teacher of English for students, most of whom were low-performing students from disadvantaged socio-economic family backgrounds

Teacher Trainer of Teacher Training Summer Courses for High School Teachers of English (2005 - 2014)

- Lao Cai Department of Education and Training, Lao Cai Province, Vietnam

- Assisted with the design of training contents and the training of high school teachers of English as a Second Language in Lao Cai province

Teacher Trainer of Teacher Training Courses for High School Teachers of English (2012-2014)

- National Foreign Languages Project 2020, Ministry of Education and Training

- Assisted with the design of training contents and the training of high school teachers of English as a Second Language in the Northeast of Vietnam

HONORS & AWARDS

IRIS Research Award, Co-PI (granted but deferred since the PI is not yet a doctoral candidate)
(2018 - 2019)

- Project: *Economic Impacts of Social Innovations Grants*

Student Teaching as Research (STAR) grant (2018 - 2019)

- Project: *Students as Co-Designers of Learning Contents using OpenSim VR tool*

Don & Rice Scholarship, College of Education, University of Missouri (2018-2019)

UREAG travel grant recipient for 2018 CIES Conference in Mexico City (2018)

Mizzou **Graduate Professional Council (GPC) travel award** for 2018 CIES Conference in Mexico City (2018)

EcoFun project, I-Corps, University of Missouri (2017)

LexMizzou project, I-Corps, University of Missouri (2016)

Fulbright Scholarship Award for Vietnamese students (2014-2016)

- Attended Master's program in Globalization and Educational Change at Lehigh University, Bethlehem, PA, the USA under the support of the Fulbright program for Vietnamese students

Teaching Excellent and Achievement Program (TEA) Award (2014)

- Attended a 2-month exchange program for international teachers at Bowling Green State University, Bowling Green, OH, the USA

Title: The Best Teacher of English in the Provincial Competition for High School Teachers held by Lao Cai Department of Education and Training (2012)

LEADERSHIP AND VOLUNTEERING POSITIONS

Treasurer of the Vietnamese Association at Mizzou (August 2016 – January 2017)

University of Missouri, Columbia, MO, the USA

FIRE editorial assistant (August 2015 - Present)

Forum in International Research in Education, Lehigh University, Bethlehem, PA, the USA

Founder and President, Vietnamese Student Association at Lehigh University

Lehigh University, Bethlehem, PA, the USA (September 2015 - Present)

Mentor for Master's students in Comparative and International Education Program

Lehigh University, Bethlehem, PA, the USA

Head of Foreign Language Department (September 2011 - July 2014)

- Lao Cai High School for Gifted Students, Lao Cai city, Lao Cai province, Vietnam

- supervised the work of the other staff in the department; led and collaborated in curricular and instructional building and design

PUBLICATIONS

Marin, R, S., & **Pham, T.N.M.** (2018, June). Academic proceedings from 2018 University-Industry Interaction Conference (UIIN): *Economic impact evaluation over three years of an entrepreneur consulting program: A case study of the TECH-SERIES program at the University of Missouri, Columbia* (pp. 29-44). ISBN: 978-94-91901-35-5.

Marin, R, S., & **Pham, T.N.M.** (2018, June). Practitioner proceedings from 2018 University-Industry Interaction Conference (UIIN): *Implementation model of a tech-based entrepreneur support program and its impacts* (pp. 87 - 102). ISBN: 978-94-91901-33-1

Lee,B., Liu, Yu., **Pham,T.N.M.**, & Grove, D. (2017). Comprehensive Educational Plan for Human Resource Development: Tourism. *Journal of Education & Social Policy*, 3 (5), 30-42

Pham, T.N.M. (2016). Book review: Halma, R. & Oplinger, CS (2001). The Lehigh Valley: A Natural and Environmental History. *Forum for International Research in Education*, 4(1), 87-93.

WORKSHOP/ CONFERENCE PRESENTATIONS

Jahnke, I., Current, N., He, H., Lee, Y.M., **Pham, M.**, Hewitt, C., Sadalana, G., & Moore, J. (2018, Oct). *User Experience and Usability Testing within the Sociotechnical Process - Methods, Challenges, and PitFalls*. Presented as a workshop at the Association for Educational Communications and Technology (AECT), Kansas City, USA.

Lee, Y.M., **Pham, M.**, & Grace Zhou. (2018, Oct). *Comparison of Instructional Content Organization Towards Learning Engagement*. Presented as a poster at the Association for Educational Communications and Technology (AECT), Kansas City, USA.

Lee, Y.M., He, H., **Pham, M.**, Hewitt, C., Current, N., & Jahnke, I. (2018, Oct). *Mobile Microlearning: Designing Learning for Journalists and Other Learners 'In The Field'*. Presented at the Association for Educational Communications and Technology (AECT), Kansas City, USA.

He, H., **Pham, M.**, Lee, Y., Current, N., & Jahnke, I. (2018, October). *IE Lab Research*. Presented as a poster at College of Education Research Day, University of Missouri, Columbia, MO.

Marin, R.S. & **Pham, M.** (2018, June). *Economic Impact Evaluation over Three Years of an Entrepreneur Consulting Program: A Case Study of the Tech-Series Program at the University of Missouri, Columbia*. Accepted as a paper at the annual meeting of University-Industry Interaction Conference (UIIC), London, England.

Marin, R.S. & **Pham, M.** (2018, June). *Implementation Model of a Tech-based Entrepreneur Support Program and its Impacts*. Accepted as a paper at the annual meeting of University-Industry Interaction Conference (UIIC), London, England.

Pham, M. (2018, March). *Game design for the enhancement of students' interests in science*. Presented as a roundtable discussion at the annual meeting of the Comparative and International Education Society (CIES), Mexico City, Mexico.

Current, N., He, H., **Pham, M.**, & Jahnke, I. (2017, October). *Introduction to Usability Testing For Games*. Presented as a training session at the [LexMizzou](#) Workshop 3: Usability and Accessibility for Games, Columbia, MO.

He, H., **Pham, M.**, Lee, Y., Current, N., & Jahnke, I. (2017, October). *IE Lab Research*. Presented as a poster at College of Education Research Day, University of Missouri, Columbia, MO.

Pham, M.(2016, April). *Teacher Training Programs for ESL secondary teachers in Vietnam*. Presented as a Paper at the annual meeting of International Convention and English Language Expo, TESOL 2016, Baltimore, Maryland.

Pham, M.(2016, April). *Teacher Training Programs for ESL secondary teachers in Southeast Asia*. Presented as a Paper at the annual meeting of International Convention and English Language Expo, TESOL 2016, Baltimore, Maryland.

Dougherty, L., **Pham, M.** (2016, March). *Nationalism and Social Studies Curricula: A Cross-National Study of the United States and Vietnam*. Presented as a Paper at the annual meeting of the Comparative and International Education Society (CIES), Vancouver, Canada.

Pham, M., & Dougherty, L.(2016, March). *Vietnam War Theme Reflected in High School History Curriculum of the US and Vietnam*. Presented as a Paper at the annual meeting of the Comparative and International Education Society (CIES), Vancouver, Canada.

Hoang, D., Mohamed, D., & **Minh, P.** (2016, March). *Using Scratch for ESL Teaching and Learning*. Presented as a Poster at the annual meeting of the Comparative and International Education Society (CIES), Vancouver, Canada.

Pham, M., Phillips, L., Jacobson, L., Dougherty, L., & Eng, S. (2015, March). *An Evaluation of Student Council Programs in Developing Cambodia's Three Goodness among Students at*

Caring for Cambodia Schools. Presented as a Paper at the annual meeting of the Comparative and International Education Society (CIES), Washington, DC.

TECHNICAL REPORTS

2018

He, H., Lee, Y. M., Sadanala, G., **Pham, M.**, Current, N., & Jahnke, I. (2018). *List Builder Prototype Usability Study Phase I Report*. Columbia, MO: IE Lab.

Lee, Y. M., He, H., **Pham, M.**, Hewitt, C., Current, N., & Jahnke, I. (2018). *Mobile Applications for Microlearning: A Review of Academic and Industry Implementations*. Columbia, MO: IE Lab.

2017

Flanagin, B., Atiso, K., Lee, Y. M., He, H., **Pham, M.**, Current, N., & Jahnke, I. (2017). *Usability Research for St. Charles City-County Library Website Final Report*. Columbia, MO: IE Lab.

He, H., Lee, Y. M., Flanagin, B., **Pham, M.**, Current, N. & Jahnke, I. (2017). *Usability Research for the RJI APME's NewsTrain Project Final Report*. Columbia, MO: IE Lab.

He, H., Lee, Y. M., **Pham, M.**, Current, N., & Jahnke, I. (2017). *Comparative Systems Analysis: Process to Determine System Functions for Media Innovation System*. Columbia, MO: IE Lab.

He, H., **Pham, M.**, Lee, Y. M., Current, N., & Jahnke, I. (2017). *Media Innovation System Sitemap and Prototypes*. Columbia, MO: IE Lab.

Pham, M., Hewitt, C., Mostowfi, S., Current, N., & Jahnke, I. (2017). *Usability Research for Push Mobile News App Final Report*. Columbia, MO: IE Lab.

Pham, M., He, H., Lee, Y. M., Flanagin, B., Noronha, I., Atiso, K., Current, N., Demir, F., & Jahnke, I. (2017). *Usability Research for the ElevatEd System-Final Report*. Columbia, MO: IE Lab.

2016

He, H., **Pham, M.**, Atiso, K., Demir, F., Current, N., & Jahnke, I. (2016). *A comprehensive usability and user experience study report for the Kinect-based Fall Risk Evaluation and*

Feedback System: Time Up and Go Test (TUG test). Columbia, MO: IE Lab.

SKILLS

Language

- Fluent in Vietnamese and English

Communication

- Preparing concise and logically-written materials
- Organizing and communicating ideas effectively in oral presentations and in writings.
- Writing effective research proposals
- Proficient manuscript editing

Self-Management & Work Habits

- Working effectively under pressure and to meet deadlines
- Comprehending new material and subject matter quickly
- Working effectively with limited supervision

Teaching, Interpersonal & Leadership Skills

- Proficient in teaching skills or concepts to others
- Effectively facilitating group discussions or conducting meetings
- Capable of motivating others to complete projects (group or individual)
- Responding appropriately to positive or negative feedback
- Effectively mentoring subordinates and/or peers
- Collaborate effectively on projects

Research, Information Management and Visualization

- Capable of analyzing data using R, Excel and STATA
- Fluent in creating surveys using Google Forms and analyzing and presenting data from those forms.
- Fluent in using data visualization tools like Tableau, ArcGIS, and R.

- Fluent in identifying sources of information applicable to a given problem
- Capable of developing organizing principles to effectively sort and evaluate data

Instructional design skills

- Proficient in designing and creating a Course Management System (CMS), using the platforms like Coursesite, Blackboard, Canvas, and Moodle
- Skilled in website design
- Fluent in using web conferencing platforms
- Fluent in MOOC video making and editing - fluent in creating content for online learners

Other technological skills

- Having basic skills in using geospatial tools such as Google Earth and ArcGIS for educational purposes
- Having basic skills in designing mobile apps using App Inventor
- Having basic skills in designing 3D modelling products using Blender, SketchUp, & OpenSimulator
- Fluent in Microsoft Office