Younki Cho, Ph.D.

a. Education and Training

Colorado School of Mines, B.S., Petroleum engineering, 2005-2009
Colorado School of Mines, M.S., Petroleum engineering, 2010-2011
Colorado School of Mines, Ph.D., Petroleum engineering, 2013-2017

b. Research and Professional Experience

1/19 – Present	Dept. of Civil Engineering *Postdoctoral Researcher*	U. Texas at Arlington
11/17 – 12/18	Dept. of Petroleum Engineering *Postdoctoral Researcher*	Colorado School of Mines
01/13 – 08/17	Dept. of Petroleum Engineering *Doctoral Candidate, Research Assistant*	Colorado School of Mines

c. Publications

1. Cho, Y. B. A. Ulrich, K. M. Smits, and D. Zimmerle, “Estimation of Natural Gas Emission from Leaking Underground Pipelines” *submitted*
2. Smits, K. M., B. A. Ulrich, D. Zimmerle, and Y. Cho. "Gone with the Wind: Natural Gas Emissions from Leaking Underground Pipelines and Implications for Detection Systems." In *AGU Fall Meeting* 2019. AGU, 2019.
3. Cho, Y., R. Lo, K. Krishnan, and X. Yin. "Vibrational Gravimetric Analysis of Capillary Condensation of Propane in Nanoporous Rock." In 2017 *AIChE Annual Meeting*. AIChE, 2017.
4. Uzun, I., E. Eker, Y. Cho, J.M. Rutledge, H. Kazemi, Assessment of Rate Transient Analysis Techniques for Multiphase Flow in Unconventional Reservoirs: Application to Eagle Ford Formation, *SPE Western Regional Meeting*, April 2017
5. Larson, Z., Y. Cho, X. Yin, Experimental technique to measure mass under high pressure conditions using oscillatory motions of a spring-mass system, *Measurement Science and Technology* 28, no. 6 (2017): 065902
6. Cho, Y., I. Uzun, E. Eker, X. Yin, and H. Kazemi, Water and Oil Relative Permeability of Middle Bakken Formation: Experiments and Numerical Modeling, *SPE URTEC*, August 2016
7. Cho, Y., E. Eker, I. Uzun, X. Yin, and H. Kazemi, Rock Characterization in Unconventional Reservoirs: A Comparative Study of Bakken, Eagle Ford, and Niobrara Formations, *SPE Low Perm Symposium*, May 2016
8. Cho, Y., E. Ozkan, and O. G. Apaydin, Pressure-Dependent Natural-Fracture Permeability in Shale and its Effect on Shale-Gas Well Production, *SPE Reservoir Evaluation & Engineering*, vol 16 no 2 pp. 216 - 228, May 2013
9. Cho, Y., E. Ozkan, and O. G. Apaydin, Pressure-Dependent Natural-Fracture Permeability in Shale and its Effect on Shale-Gas Well Production, *SPE ATCE*, October 2012