

Curriculum Vitae

“Paul” Hong Suk Kim
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Appointments & Services

Associate Dean & Chief Technology Officer, 2001 – Current
Stanford University / Graduate School of Education
<http://gse.stanford.edu/>

Advisor, 2019- Current
Asian Development Bank
<https://www.adb.org/>

Advisor, 2012 – 2015
Education and Human Resources Directorate
National Science Foundation
http://www.nsf.gov/ehr/advisory_members_current.jsp

Advisor, 2011 – 2013
Grand Challenges and International Development
National Academy of Sciences
<http://sites.nationalacademies.org/PGA/dsc/grandchallenges/>

Advisor, 2017 - Current
Lumos Capital Group
<http://lumoscapitalgroup.com/>

Board Member, 2015 – 2017, Advisor 2017 - Current
Stratford Schools
<http://www.stratfordschools.com/>

Board member, 2010 – 2013
WestEd
Nonprofit Educational Research Institute
<http://www.wested.org>

Founder, & Advisor, 2006 – Current
Seeds of Empowerment
Nonprofit Global Education Institute (Funded by UNESCO)
<http://www.seedsofempowerment.org>

Vice President for CIO & Online Education, 2002 – 2004
Vatterott College
<http://www.vatterott.edu/>

Chief Technology Officer, 1997 – 2000
University of Phoenix
<http://www.phoenix.edu>

Academic Background

Doctor of Philosophy in Educational Technology, 1999
University of Southern California, Los Angeles, CA.

Synergistic Activities

Design of future university based on a entrepreneurship global incubator network

University X

Sponsored by The Executive Council of Dubai, 2019

Design advice for the establishment of a new national science and technology university

University of Oman

Sponsored by Sultanate of Oman, 2014-2015.

Design and development of programmable open mobile internet for education 2020

Sponsored by **National Science Foundation**, 2009 – 2013.

Design advice for a global online education program

Sponsored by **Deutsche Telekom**, Germany, 2013.

Development of mobile learning initiative for Tanzania

Sponsored by **UNESCO**, February, 2012.

National online education strategy development advice

Sponsored by Ministry of Higher Education

Kingdom of Saudi Arabia, 2011.

Evaluation of mobile learning initiative for public schools

Sponsored by **Argentina Telecom**, 2011.

Evaluation of Plan CEIBAL (Uruguayan version of One Laptop Per Child Project)

Sponsored by **ORT University, Uruguay**. 2011.

Capacity building in learning technology & establishment of graduate degree programs for Birzeit University, Palestine.

Sponsored by **British Council**. 2010.

National ICT initiative planning advice

Sponsored by **Ministry of ICT, Rwanda**, 2010

Evaluation advice for online university operation

Sponsored by **Falcon Investment Advisors**, MA. 2009.

University capacity development and online education program development advice

Sponsored by **Wellspring Capital Management**, NY. 2003.

University capacity development and online education development advice

Sponsored by **Endeavor Capital Management**, CO. 2003.

Selected Publications

- Kim, P. & Lee, J. (2020). Evolution of Online Learning Environments and the Emergence of Intelligent MOOCs. In K. Zhang et al. (Eds.), *MOOCs and Open Education in the Global South: Challenges, Successes, and Opportunities*. Routledge.
- Kim, P. & An, J. Y. (2016). New Evaluation Vector through the Stanford Mobile Inquiry-Based Learning Environment (SMILE) for Participatory Action Research. *Healthcare Informatics Research*, 22(3), 164-171.
- Kim, P., Alfaro, K., & Miller, L. A. (2015). Ecosystemic Innovation for Indigenous People in Latin America. *Indigenous People and Mobile Technologies*, 31, 59.
- Kim, P., & Chung, C. (2015). Creating a Temporary Spontaneous Mini-Ecosystem Through a MOOC. *MOOCs and Open Education Around the World*, 157.
- Russell, S. G., Lim, S., Kim, P., & Morse, S. (2015). The legacy of gender-based violence and HIV/AIDS in the postgenocide era: Stories from women in Rwanda. *Health Care for Women International*, 1-23.
- Song, D., Karimi, A., & Kim, P. (2015). A Remotely Operated Science Experiment framework for under-resourced schools. *Interactive Learning Environments*, (2015): 1-19.
- Kim, P., Suh, E., & Song, D. (2015). Development of a design-based learning curriculum through design-based research for a technology-enabled science classroom. *Educational Technology & Development*, 63(4), 575-602.
- Kim, P. (Ed.). (2014). *Massive Open Online Courses: The MOOC Revolution*. Routledge.
- Buckner, E., & Kim, P. (2014). Integrating technology and pedagogy for inquiry-based learning: The Stanford Mobile Inquiry-based Learning Environment (SMILE). *Prospects (UNESCO)*, 44(1), 99-118.
- Kim, P., Karimi, A., & Kim, Flora. (2012). Public Online Charter School Students: Perceptions, Traits, and School Choices. *American Educational Research Journal*. 49 (3). pp. 521-545.
- Kim, P. (2012). Schools left behind? Ecosystematic perspectives on the 21st century school system. In O. Tan (Eds.), *Teacher Education Frontiers: International Perspectives on Policy and Practice for Building New Teacher Competencies*, 1st Edition. Singapore: National Institute of Education.
- Kim, P., Karla, A., & Leign Anne, G. (2012). Ecosystematic Innovation for Indigenous Peoples in Latin America. Stanford Program on Human Rights. Working Paper Series. 14.
- Buckner, E., & Kim, P. (2012). Mobile innovations, executive functions, and educational developments in conflict zones: a case study from Palestine. *Educational Technology Research & Development*, 60(1), 175-192. BEST PAPER AWARD 2011
- Seol, S., Sharp, A., & Kim, P. (2011). Stanford Mobile Inquiry-based Learning Environment (SMILE): using mobile phones to promote student inquires in the elementary classroom. In *Proceedings of the 2011 International Conference on Frontiers in Education: Computer Science & Computer Engineering* (pp. 270-276).
- Buckner, E., & Kim, P. (2012). Storytelling Among Israeli and Palestinian Children in the Era of Mobile

Innovation. In *Educational Media and Technology Yearbook* (pp. 7-22). Springer New York.

Kim, P., Buckner, E., Kim, H., Makany, T., Taleja, N., & Parikh, V. (2012). A comparative analysis of a game-based mobile learning model in low-socioeconomic communities of India. *International Journal of Educational Development*, 32(2), 329-340.

Kim, P., Higashi, T., Gonzales, I., Carillo, L., Gàrate, A., & Lee, B. (2011). Socioeconomic strata, mobile technology, & Education: A comparative analysis. *Educational Technology Research & Development*, 59(4), pp. 465-486.

Seol, S., Karimi, A., Kim, P., Goyal, A., Dodson, B., & Lam, M. (2011). Pocketschool interactive Learning Ad-hoc Network. In *e-Education, Entertainment and e-Management (ICEEE)*, 2011 International Conference on (pp. 70-75). IEEE.

Kim, P., Lee, D., Lee, Y., Huang, C., Makany, T. (2011) "Collective intelligence ratio: Measurement of real-time multimodal interactions in team projects", *Team Performance Management*, 17(1/2), pp.41 - 62.

Kim, P. (2010). Is higher education evolving? *Educause Quarterly*, 33(1).

Kim, P. (2009). An action research for the development of mobile learning system for the underserved. *Educational Technology Research & Development*, 57(3), pp. 415-435. BEST PAPER AWARD 2009.

Park, C.B., Choi, H., & Kim, P. (2009). Adaptive Open Mobile Learning Device For the Underserved. *Proceedings of IEEE International Conference on Consumer Electronics*.

Kim, P., Kim, H., Freedman, N., Parikh, V., & Taleja, N. (2009). Mobile Technology as Empowerment Tool for the Underserved. *Proceedings of 2009 IEEE Conference on Technologies for Humanitarian Challenges*.

Kim, P. (2011). "Stay Out of the Way! My Kid is Video Blogging Through a Phone!": A Lesson Learned from Math Tutoring Social Media for Children in Underserved Communities. *International Journal of Online Pedagogy and Course Design (IJOPCD)*, 1(1), 50-63.

Kim, P., Ng, C. K., & Lim, G. (2010). When cloud computing meets with Semantic Web: A new design for e-portfolio systems in the social media era. *British Journal of Educational Technology*, 41(6), 1018-1028.

Kim, P. (2009). The Current Status of ePortfolio Research & Development. *Engineering Education, Korea*, 16(1), pp.1-4.

Kim, P., Hong, J. S., Bonk, C., & Lim, G. (2011). Effects of group reflection variations in project-based learning integrated in a Web 2.0 learning space. *Interactive Learning Environments*, 19(4), 333-349.

Kim, P. & Olaciregui, C. (2008) The effects of electronic portfolio-based learning space on science education. *British Journal of Educational Technology*. Volume 39, Issue 4, pages 700–714.

Kim, P., Sorcar, P., Um, S., Chung, H., & Lee, Y. S. (2009). Effects of episodic variations in web-based avian influenza education: influence of fear and humor on perception, comprehension, retention and behavior. *Oxford Health Education Research*, 24(3), 369-380.

Kim, P., Miranda, T., & Olaciregui, C. (2007). Pocket school: Exploring mobile technology as a sustainable literacy education option for underserved children in Latin America. *International Journal of*

Educational Development. 28(4), pp. 435-445.

Kim, P. (2006) Perspectives on a visual-map-based electronic portfolio system. In A. Jafaria & C. Kaufman (Eds.), Handbook of Research on e-Portfolios. (pp. 44-53). Hershey, PA: Idea Group.

Kim, P. (2006) Effects of 3D virtual reality on students' achievement and attitude toward learning science. Interactive Learning Environments, 14(1), pp.25-34.

Selected Keynotes and Invited Talks (Since 2009)

“Education in the Post-COVID Era,” KAIST (Korea Advanced Institute of Science and Technology), Jun 22, 2020 (Invited Talk).

“Pedagogical Divides, Digital Learning, & 21st Century Workforce,” Global Education & Skill Forum, Dubai, U.A.E. March, 2019 (Invited Speech).

“Learning and Assessment in the Age of AI,” Artificial Intelligence and Adaptive Education Conference, Beijing, China, 2019. (Invited Speech).

“Teacher Preparation for 21st Classrooms,” Global Symposium on ICT in Education 2018, Seoul, Korea, September, 2019. **(Keynote)**.

“Personalization in Education,” TMRW Institute Conference, London, U.K. December, 2018. (Invited Talk).

“Future Talent Development and Science-driven Industry,” Korea Science Foundation Annual Conference Keynote, Seoul, Korea, November, 26, 2018. **(Keynote)**.

“AI to transform Education, Training, Assessment, and Digital Assistant Ecosystems,” Education 4.0 Conference. National Taiwan Normal University, Taipei, Taiwan, November, 2018. **(Keynote)**.

“Education for 4th Industrial Revolution,” E-Learning Korea, September, 2018. **(Keynote)**.

“AI-based Learning inquiry System,” ASU GSV. April, 2018. (Invited Talk).

“Education and the 4th Industrial Revolution,” 7th International Skill Forum by Asian Development Bank, Manila, Philippines. December 12, 2017. **(Keynote)**.

“Characters of Global Leaders in the 21st Century,” Global HR Forum, Seoul, Korea, November 1, 2017. (Invited Talk).

“Discourse on Education Technologies for the 4th Industrial Revolution, E-Learn, Symposium, Vancouver, Canada, October, 2017. **(Keynote)**.

“Teacher Training for 21st Century Teaching,” Institute for Teaching Science and Technology, Bangkok, Thailand, June, 2017. **(Keynote)**.

“New Collar Workforces and the 4th industrial Revolution,” Asia Pacific Education Minister Forum, Seoul, Korea, April, 2017. **(Keynote)**.

“Digital Revolution in Education,” Middle East Digital Education Conference, Dubai, UAE, December,

2016. **(Keynote)**.

“Changing Education Landscape and New Workforce,” Ministerial Forum, Mexico City, Mexico, November, 2016. **(Keynote)**.

“Education for Future Talents and 4th Industrial Revolution,” CMS Brunch Seminar, Seoul, Korea, July, 2016. **(Keynote)**.

“Academic Excellence in the Post MOOC Era” at the Institutionalizing Best Practice in Higher Education Conference, The University of West Indies, Trinidad & Tobago, 2015. **(Keynote)**.

“MOOC Innovations and New Definitions of Teaching and Learning in the 21st Century” at MOOCs and Beyond Conference, Nanjing, China, 2015. **(Keynote)**.

“Lessons Learned from Global Mobile Learning Initiative” at M Learning Conference, Bowling Green State University, Ohio, 2014. **(Keynote)**.

“MOOCs through the Lens of Sustainability” at E-Learn Symposium, Las Vegas, NV, 2013. **(Keynote)**.

“Causing a Paradigm Shift in the Global Education Ecosystem” at University of San Diego, CA, 2013 (Invited Talk).

“MOOCs and beyond” symposium at Stifterverband für die Deutsche Wissenschaft, Berlin, Germany, 2013 **(Keynote)**.

“Ecosystematic Innovation for Indigenous People in Latin America. Is Connectivity a Human Right of the 21st Century?” at Stanford University Center on Democracy, Development, and the Rule of Law, May, 2012. (Invited Talk).

“Stanford Mobile Inquiry-Based Learning Environment” at Teaching, Colleges & Community 2012 Conference, Honolulu, Hawaii, April, 2012. **(Keynote)**.

“Mobile Learning, Gaming, and Digital Books” at Society for Information Technology and Teacher Education, Austin Texas, March, 2012. (Invited Talk).

“Inquiry-based Learning) UNESCO & CoSN International Symposium, Washington, D.C., March, 2012. (Invited Talk).

“Future Education Ecosystem” at UNESCO, Paris, France, December, 2011. **(Keynote)**.

“ICT initiatives and Global Education Ecosystem” at Educación y Futuro, Mexico City, October, 2011. (Invited Talk).

“Global Inequalities, Achievement Gaps, and Mobile Innovations.” at The Freeman Spogli Institute for International Studies at Stanford University. November, 2011. (Invited Talk).

"Mobile Innovations to improve rural community schools" - National Symposium by Argentina Telecom, Buenos Aires, Argentina, August, 2011. **(Keynote)**.

"Pedagogical paradigm shift" – Symposium on future education. ORT University, Montevideo, Uruguay, August, 2011. **(Keynote)**.

"Causing Evolution in the Education Ecosystem" - EDEN(European Distance Education Network) Annual Conference, Dublin, Ireland, June, 2011. (**Keynote**).

"Contextualized Innovations in Education" - Imagination Summit, La Mirada, CA, April, 2011. (**Keynote**).

"Global Alliance For the 21st Century Education Ecosystem", Omani Society for Education Technology, First International Conference on Blended and Mobile Learning, Muscat, Sultan of Oman, December, 2010. (**Keynote**).

"How innovative technology can make a difference for the underserved," National Center for Technology Innovation, Washington, D.C., November, 2010. (Invited Talk).

"Evolution of Education Ecosystem," E-LEARN, Orlando, Florida, October, 2010. (**Keynote**).

"Evolution of higher education in the 21st century," National Learning and Teaching Forum, Melbourne, Australia, September, 2010. (**Keynote**).

"Evaluating higher education institutions in the 21st century," QS Higher Education Forum, Lima, Peru, September, 2010. (**Keynote**).

"ICT National Initiatives and Mobile Innovations 2020," Ministry of ICT, Rwanda, Kigali, Rwanda, August, 2010. (**Keynote**).

"Mobile Technology Ecosystem for Education and Workforce Development," VIRTUAL EDUCA, Santo Domingo, Dominican Republic, June, 2010. (Invited Talk).

"Mobile Innovation and Global Education Ecosystem," Global Learn, Penang, Malaysia, May, 2010. (Invited Talk).

"Contextualization of Mobile Technology for Education, Empowerment, & Peace," Berzeit University, West Bank, Palestine, March, 2010. (**Keynote**).

"Mobile Education: Perspectives on the Role of Teacher, School, and Parent," Symposium, Universidad Tecnológica, San Salvador, El Salvador, March, 2010. (**Keynote**).

"Programmable Open Mobile Internet (POM1) 2020," APAN (Asia Pacific Advanced Network) Annual Meeting, Sydney, Australia, January, 2010. (Invited Talk).

"Mobile Technology & Entrepreneurship," INCAE (Instituto Centroamericano de Administración de Empresas) Business School, San Jose, Costa Rica, December, 2009. (**Keynote**).

"Innovation - Increasing Access Through Technology," World Innovation Summit for Education, Qatar Foundation, Doha, Qatar, November, 2009. (Invited Talk).

"Entrepreneurship in Education," Indian Institute of Management, Ahmedabad, India, August, 2009. (Invited Talk).

"Charter Schools & Technology Innovation," National Charter Schools Conference, Washington, D.C., June, 2009. (Invited Talk).

“Mobile Creative Economy and International Development,” National Information Society Agency, Ministry of Public Administration and Security, Seoul, Korea, May, 2009. (**Keynote**).

“Mobile Innovation in Medical Education,” Korea Software Promotion Agency, Ministry of Knowledge Economy, Seoul, Korea, May, 2009. (Invited Talk).

“Mobile Innovation and Entrepreneurship,” Venture Capital in Education Summit, Stanford, CA, May, 2009. (**Keynote**).

“Mobile Learning Design and Contextualized Innovation,” American Educational Research Association, San Diego, CA, April, 2009. (Invited Talk).

"Digital Innovation and Empowerment for All," International Conference on E-Learning and Distance Learning, Riyadh, Kingdom of Saudi Arabia, March, 2009. (**Keynote**).

"Health Education through Mobile Innovation in Developing Countries," National Information Society Agency, Ministry of Public Administration and Security, Korea, February, 2009. (**Keynote**).

"Educational Development and Creative Economy through Mobile Innovation" National University of Rwanda, Huye, Rwanda, January, 2009. (Invited Talk).

Selected Academic Journal Reviewer Responsibilities

Educational Technology Research & Development, Springer
International Journal of Learning and Media, MIT Press
International Journal of Educational Development, Elsevier
Information Technologies & International Development, USC Annenberg
Journal of Educational Computing Research, Baywood
Journal of Systems and Software, Elsevier
American Journal of Public Health, American Public Health Association
Pan American Journal of Public Health, Pan American Health Organization

Courses Taught

MOOC (Massive Open Online Course) - Designing a New Learning Environment
EDUC308 - Mobile Learning Technology Design for the Underserved
EDUC391 - Technology in Teaching and Learning
EDUC392 - Enterprising Higher Education in the Digital Age
EDUC490 Series - Directed research studies with numerous topics such as inquiry-based learning, entrepreneurship in online education, performance assessment with electronic portfolios, educational needs analysis in California, educational technology development for science education, increasing student engagement in medical education, civic engagement for Indonesian Pesantren, remotely operated science experiment, etc.

Selected Awards

(Honorary) Doctor of Humane Letters (2014)
For the recognition of work with UNESCO in Peace and Disarmament Education
Holy Family University, Philadelphia, PA.

Vodafone Foundation – Wireless Innovation Challenge (2011)

San Francisco, CA.

Best paper award (2011)

For research paper on student performance and PTSD in Palestine
Educational Technology Research & Development

World Innovation for Education Summit – WISE (2010)

For global impact with Seeds of Empowerment
Doha, Qatar.

100K Challenge by Marvell, Inc. for Education Innovation Challenge (2010)

Santa Clara, CA.

The Omani Society for Educational Technology for scholarly contribution (2010)

Muscat, Oman.

Best paper award (2009)

For research paper on literacy education in Mexico
Educational Technology Research & Development