

## Do Kyung Kim



Professor

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### Education:

Ph.D. in Materials Science and Engineering, KAIST, August, 1987.

M. S. in Materials Science and Engineering, KAIST, February, 1984.

B. S. in Ceramics Science and Engineering, Seoul National University, February, 1982.

### Experience:

Professor (Assistant, Associate, Full Tenure Professor), Department of Materials Science and Engineering, KAIST, from Mar. 1994 to present.

President, The Materials Research Society (MRS) of Korea. (January 2018-December 2018)

Associate Vice President, Academic Affairs, KAIST. (March 2015-March 2017)

Director, Institute of NanoCentury, KAIST, from June 2012 to April 2015. (June 2012-April 2015)

Dean, Office of Admission, KAIST. (July 2007-November 2011)

Visiting Scholar, Dept. of Biomaterials, School of Dentistry, New York Univ., (July 2017-June 2018)

Visiting Professor, Department of Materials Science and Engineering, University of California, Berkeley, CA. (August 2006-June 2007)

Visiting Scientist, Materials Science and Engineering Laboratory (MSEL), National Institute of Standards and Technology (NIST). (March 1998-February 1999)

Visiting Scholar, Department of Applied Mechanics and Engineering Science (AMES), University of California, San Diego (UCSD). (February 1992-January 1993)

Senior Researcher, Advanced Technology & Research Center, Agency for Defense Development (ADD). (September 1987-February 1994)

### Research Areas:

Nanomaterials for Advanced Rechargeable Batteries (Li-ion, Na-ion, and Li-S batteries); Nano Ceramics for Energy Applications (SOFCs, DSSC, Photocatalyst); Transparent Optical Ceramics (for medical imaging and laser applications); Nano- and Bio-Materials for Hard Tissue

### Membership and Academic Activities:

Fellow of The American Ceramic Society, President(2018) of MRS-Korea, Academician of World Academy of Ceramics, Fellow of National Academy of Engineering(NAE)-Korea