Dr. Namwon Kim

Texas State University
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Institutions of Higher Education Attended

PHD, Louisiana State Univ A&M College.

BSENG, Kangwon National University.

Previous Teaching Positions

Associate Professor, Texas State University. (September 1, 2019 - Present).

Core Faculty, Texas State University. (September 1, 2016 - Present).

Visiting Scholar, Seoul National University. (August 1, 2020 - February 28, 2021).

Assistant Professor, Texas State University. (September 1, 2014 - August 31, 2019).

Assistant Professor, Texas A&M Int'l University. (2011 - 2014).

Significant Professional Works

Refereed Journal Articles

Park, S. J., Park, D., Park, J. H., Jeong, J. Y., Jang, S. H., Kim, G. W., Kim, N., Ryu, S., An, K., Kim, J. Y. (2026). Measurement-Informed Deep Learning for Real-Time Monitoring of Hydrodynamic Drying Dynamics in Inkjet-Printed Display Pixels via Low-Resolution Imaging. *ACS Applied Materials & Interfaces, 18*(30), 4223.

Annamalai, S., Kim, N., Hwang, S. S. (2026). Performance of a 3D-particle electrode for PFOA degradation by persulfate-activated electrochemical advanced oxidation processes. *Journal of Hazardous Materials: Organics, 2*, 100014.

Bhattarai, P., Annamalai, S., Kim, N., Hwang, S. S. (2026). PFOA Adsorption onto Biochar Derived from Invasive Water Hyacinth. *Water Science & Technology, 93*(8), 1180-1194.

Kim, N., Yi, T. (in press). A Curvature-Dependent Force-Balance Model for Pinch-Off Length in Microfluidic T-Junction Droplet Generation. *Journal of Mechanical Science and Technology*.

Inamdar, S., Sargordi, A., Choity, T. K., Emami, A., Kim, J. Y., Kang, H. G., Kim, N. (2026). Additively Manufactured Electrothermal Thin-Film Heaters for On-Chip Isothermal DNA Amplification. *Sensors and Actuators A: Physical, 399*, 117434.