

Personal History



Personal Date

Name in Full : Si-Hwa, Bae

Date of Birth : April 06, 1952

Sex : Female

Age : 67

Present Address : San 65 Bokjeong-dong Seongnam-city Gyeonggi-do, 461-701, Korea

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Educational Background

1972.3 ~ 1976.2 : Architectural Department of Engineering college of Seoul National University (bachelor's degree)

1976.3 ~ 1979.2: Architectural Department of Engineering Graduate school of Seoul National University (master's degree)

1987.3 ~ 1992.2 : Architectural Department of Engineering Graduate school of Seoul National University (doctor's degree)

Experience

1976 ~ 1981 : Korea National Land & Housing Corporation

1992 ~ Present : Professor/architect in Architectural Department of Gachon University
(Dean of student affairs. planning affairs, financial affairs)

2005 ~ 2009 : Chairman of Korea Institute of Female Architect

Social service activity

- 1999 ~ 2001 Commissioner, Construction Committee, Seoul
- 2000 ~ 2005 Commissioner, Central Construction Technology Committee, Ministry of Land, Infrastructure and Transport
- 2001 ~ 2005 Commissioner, Traffic Impact Assessment Committee, Gyeong-gi
- 2002 ~ 2006 Commissioner, Depart of Design Deliberation, Special Building Technology Committee, Ministry of National Defense
- 2004 ~ 2006 Commissioner, A Design Advisory Committee, Korea Land & Housing Corporation
- 2004 ~ 2008 Commissioner, Technology Committee, Seoul
- 2006 ~ 2008 Commissioner, Architectural Committee, Gyeong-gi
- 2007 ~ 2009 Commissioner, Central Construction Technology Committee, Ministry of Land, Infrastructure and Transport
- 2007 ~ 2012 Commissioner, Central Urban Planning Committee, Ministry of Land, Infrastructure and Transport
- 2008 ~ 2010 Commissioner, An Administrative Town Development Work Advisory Committee, Gyeong-gi
- 2008 ~ 2010 Commissioner, A Design Advisory Committee, Korea Land & Housing Corporation
- 2009 ~ 2013 Commissioner, The 12th Construction Design Committee, Seoul Housing & Communities Corporation
- 2011.01~06 Commissioner, An Urban Regeneration Special Committee, GNP
- 2011.02~07 Commissioner, Remodeling TFT, Ministry of Land, Infrastructure and Transport
- 2012 ~ Commissioner, A Gyeong-gi Office Building Design Advisory committee
- 2013 ~ Commissioner, A Government Employees' Volunteer Service Award Committee, Ministry of the Interior
- 2013 ~ Commissioner, Investment Review Committee, Seong-nam
- 2013 ~ Commissioner, Architectural Committee, An-seong
- 2014 ~ Commissioner, Price Review Committee, Suwon
- 2014 ~ Commissioner, Architectural committee, Seocho, Seoul
- 2011 ~ 2013 Nongovernmental delegates, Sejong Special Self-Governing City Support committee, Under direct control of The Prime Minister
- 2011 ~ 2013 Nongovernmental delegates, The Presidential Commission on Architecture Policy, Directly responsible to the President.
- 2013 ~ 2014 Commissioner, Depart of Design Deliberation, Special Building Technology Committee, Ministry of National Defense
- 2014 ~ 2016 Commissioner, The Construction Project of New airport Committee

Research Interest & Thesis

- A study on the Architectural Design Guidelines for Child Care Centers
(2000.12, Korea Association For Housing Policy Studies)
- A study on the Architectural Design Guidelines for Kindergarten
(2000.12, Korean Institute of Educational Facilities)
- Design Standardization Guidelines of Light-Weight Steel Framed Child Care Centers
(2001.1, Architectural Institute of Korea)
- A Study on the Schematic Design for Sungdong Elementary School
(2001.11, Korean Institute of Educational Facilities)
- A Study on the Satisfaction with Work Space in High-rise Office Building
(2004.10, Council on Tall Buildings and Urban Habitat)
- Analysis of response of a wind farm for a grid fault
(2009, The Korean Institute of Electrical Engineers(KIEE))
- Calculating the Optimal Capacity of Energy Storage System to Reduce CO₂ Emission for Power System in Je-Ju
(2010.7, The Transactions of the Korean Institute of Electrical Engineers)
- A Security Design for a Smart Power Grid Field Test based-on Power IT Systems
(2010.11, KIICE)
- A Study on the Actual Condition and the Effect of KGBCC - Based on Apartment Houses
(2010.12, Architectural Institute of Korea)
- The Cost Reduction Effect of Gridable Sea Water Reverse Osmosis Desalination Plant
(2011.1, The Korean Institute of Illuminating and Electrical Installation Engineers)
- A Retrospection of Our Architectural Education
(2011.10, Architectural Institute of Korea)
- A Study on the Satisfaction of Mixed Use Campus Center - Focus on G Campus Center
(2011.11, Architectural Institute of Korea)
- Smart Grid Technologies for Super-tall Building Energy System
(2012.4, Architectural Institute of Korea)
- A Study on the Actual Condition and the Needs of Townhouse Remodeling Designed by the Foreign Architect - Focused on Worlden Hills 2 in Pangyo Seongnam
(2013.2, Architectural Institute of Korea)
- A Study on Improvement Direction for the Modular Architecture-Applied Military Barracks(Military Barracks and Bachelor Officers' Quarters) through Post-Occupancy Evaluation
(2014.3 Architectural Institute of Korea)
- Object Classification List for BIM - based Maintenance Information Modeling in Electrical and Telecommunications Field of Architecture
(2014, 5 Korea Academia-Industrial cooperation Society)
- A Practical Use of Electricity Demand Side Resource in Office Building
(2014.6, Korean Institute of Architectural Sustainable Environment and Building Systems)
- A Study on the Architectural Planning of Natural Terrace House
(2014.11 Architectural Institute of Korea)

- A Study on the Spatial Relationship between Internal Spaces in the Unit Plan of Senior Apartment Houses - Comparative Analysis of Korean, Japanese and European Cases -
(2015.12, Architectural Institute of Korea)
- A Study on the Spatial Organization to the Program Introduced in Service Facilities for Apartment House for the Elderly - Comparative Analysis of Korean, Japanese and European Cases -
(2016.08, Architectural Institute of Korea)

Academy activity

- 2000 - 2004 Director of Korean Institute of Educational Facilities
 Director of Korea Green Building Council
 Director of Korean Association for Housing Policy Studies
- 2006 - 2009 Chairman of Korean Institute of Female Architects
- 2009 - Present Honorary president of Korean Institute of Female Architects
- 2010 - Present Director of Architectural Institute of Korea
- 2012 - Present Honorary Architect of Korean Institute of Architects

Book

- Steelhouse Plan (Munundang, 2002)
- Design and Development of Essential Techniques for Intelligent Workspaces (1)
(Ministry of Land, Infrastructure and Transport, 2002)
- Design and Development of Essential Techniques for Intelligent Workspaces (2)
(Ministry of Land, Infrastructure and Transport, 2004)
- Architecture Theory (Kimoondang, 2013)

Award

- Commendation from minister(The first class), Solar House Competition 1, Ministry of Commerce Industry and Energy, 1979
- Commendation from minister, Ministry of Culture and Tourism, 2008