

CURRICULUM VITAE
Dr Kyung-Ae Son-Guidry

EDUCATIONAL BACKGROUND

1. **Doctor of Philosophy:** Texas A & M University, Dec. 1990, Chemistry
2. **Master of Science:** Kyungpook National University, South Korea, Feb. 1986, Chemistry
3. **Bachelor of Science:** Kyungpook National University, South Korea, Feb. 1982, Chemistry
Physics Minor

POSITIONS IN HIGHER EDUCATION

1. **2013-Present: Assistant Professor Chemistry, Lamar State College Port Arthur**
Provide Quality and innovative instruction while working independently in the classroom.
Maintain current knowledge and expertise in the subject area of teaching responsibility.
Commitment to the development, implementation, and evaluation of curriculum based ACGM outcomes, and Core Curriculum outcomes.
Complete all necessary paperwork within required timeframes.
Attend faculty meetings and professional development as required.

INSTRUCTIONAL EXPERIENCE

1. **2001-2013: Secondary Science K6 -12 Teacher, HISD, Houston**
Responsible for instruction of all levels of science including IPC. Responsible for daily, weekly, and scheduled performance evaluations. Responsible for accurate record keeping of attendance, work performance and curriculum alignment. Responsible for timely completion and submission of related course documents including attendance verification, administrative summons, and course grades. Responsible for planning course projects and establishing course goals according to time restraints of each term, and accomplished results of previous terms. Frequent group and committee activities for various campus organizations.
2. **1998 -2001: Chemistry Tutor, Ivy Learning Center**
Responsible for providing individual and small group tutoring services to Chemistry students. Responsible for identifying common mistakes and developing problem solving skills, creating practice reviews and post-test follow-up conversations.
3. **1982 -1984: Chemistry Teacher, Taegu, South Korea**
Responsible for instruction of all levels of science. Responsible for daily, weekly, and scheduled performance evaluations. Responsible for accurate record keeping of attendance, work performance and curriculum alignment. Responsible for timely completion and submission of related course documents including attendance verification, administrative summons, and course grades. Responsible for planning course projects and establishing course goals according to time restraints of each term, and accomplished results of previous terms. Frequent group and committee activities for various campus organizations

ADDITIONAL RELATED EXPERIENCE

1. **Jan. 2002 – Jul. 2002, Nano Technology Intern, Rice University**
Studied Carbon and Alumoxane Nanoparticles for Biodegradable Polymers.
2. **1988 -1990: Research Assistant, Texas A &M University**
Synthesized and Analyzed Organometal Complexes of Cr, Mo, & Fe using Spectroscopy (NMR, FT-IR, Mass, UV/vis) and X-ray Diffractometer.
3. **1984 – 86: Research Assistant, Kyungpook National University, South Korea.**
Researched Anti-Cancer Activity in Platinum Complexes.
4. **1987-88: Teaching Assistant, Texas A &M University**
Responsible for assisting and teaching a General Chemistry Lab
5. **1984 – 86: Teaching Assistant, Kyungpook National University, South Korea.**
Responsible for assisting and teaching a General Chemistry Lab

COLLEGE SERVICE

1. **2020 -:** Promotion Committee, LSCPA
2. **2019 - 2020:** Recruitment Activity at Ford Center, LSCPA
3. **2017 -:** Math & Science Hiring Committee, LSCPA
4. **2018 -2019:** Course Review Committee, LSCPA
5. **2019:** Chemistry Field of Study Advisory Committee, LSCPA
6. **2019:** Campus Master Planning Committee, LSCPA
7. **2015:** Serving as Doctoral Faculty mentor: Trident University International
8. **2013 -:** Seahawks Food Drive, LSCPA

PROFESSIONAL AFFILIATIONS

1. **2013-current:** Two Year College Chemistry Consortium (2YCCC)

PROFESSIONAL DEVELOPMENT

1. **June 2020:** Magna Conferences
2. **2019:** Chem 101& OpenStax: Increasing Student Engagement with OER and Accessible
3. **May 2015 -** Digital Ticket, Blackboard Training, Lamar University
4. **Aug. 2013 -- present:** Online Blackboard Training: Blackboard Innovative Teaching Series (BITS)
5. **Aug. 2013 -- present:** Online tools using Masteringchemistry Training by Pearson
6. **2018:** Macmillan Book review Essentials of General, Organic, and Biochemistry, 3Ed.
7. **July 2017:** Flipped Learning, Bb World Live Streaming Event by John Bergmann
8. **May 2017:** Cengage Book Review for General, Organic & Biochemistry

J. Mark Knowles
Curriculum Vitae

9. **Nov. 2016:** Sapling Interactive Book Review for Introductory Chemistry
10. **July 2016:** Digital Introductory Chemistry Textbook Review Committee for Macmillan Learning
11. **Feb. 26th, 2016:** Team Based Learning Focus Group at TCCTA, Houston, TX,
By Rebecca Orr, Ph.D. Professor of Biology, Collin College
12. **Sep 2011 – Feb. 2012:** Technology Incorporated Training, Rice University
13. **Aug 2002 – 2012:** Yearly Gifted/Talented Training
14. **Sep. 2010 – Jan. 2011:** Content Specific ESL Strategies: Rice University
15. **Feb. 2008:** Strategic Planning Conference by NSRC, LASER Institute – Inquiry Based Learning
16. **Aug 2004:** Baylor College of Medicine – Life Science