

Name:

Koji Hirano

Education:

- Doctor of Engineering degree in Electrical Engineering, Lamar University, Beaumont, Texas; 2014
- Master of Science degree in Mathematics concentrating in Statistics, University of Texas at San Antonio, San Antonio, Texas; 1996
- Master of Science degree in Computer Science, Florida Institute of Technology, Melbourne, Florida; 1988.
- Master of Engineering degree in System Engineering, Oita University, Oita, Japan; 1985.
- Bachelor of Engineering degree in System Engineering, Oita University, Oita, Japan; 1983.

Academic Experience:

- 1997 – 2003. Instructor for EEL3801L: “Introduction to Computer Engineering”; University of Central Florida, Orlando, FL.
- 1997 – 2003. Instructor for ENG3210: “Engineering Analysis and Design”; University of Central Florida, Orlando, FL.
- 2007 – present. Instructor for ELEN1301: “Introduction to Computers & Programming”; Lamar University, Beaumont, TX.
- 2009 – present. Instructor for ELEN1100: “Introduction to Electrical Engineering”; Lamar University, Beaumont, TX.
- 2013. Instructor for ELEN2411: “Circuits I”; Lamar University, Beaumont, TX.
- 2016 - present. Instructor for ELEN3381: “Electrical Analysis”; Lamar University, Beaumont, TX.
- 2017 - present. Instructor for ELEN3431: “Digital Logic Design Lab”; Lamar University, Beaumont, TX.
- 2018 - present. Instructor for ELEN3431: “Digital Logic Design”; Lamar University, Beaumont, TX.

Non-Academic Experience:

- 2003 – 2008. Director; NetMax, Ltd. Fukuoka, Japan.

Certifications or Professional Registrations:

- N/A.

Current membership in Professional Organizations:

- 2007 – present. Member of IEEE.

- 2009 – present. Treasurer of IEEE Region 5, Beaumont Section.

Honors and Awards:

- Received “GTA of the Semester” award (Graduate Teaching Assistant) University of Central Florida, Fall 1997.
- Named to “Who’s who in American Universities and Colleges”, 1998.
- Named to “Who’s who in American Universities and Colleges”, 2011.

Service Activities:

- 2016 – present. Member of Lamar University College of Engineering Computer Committee.
- 2018 – present. Member of Lamar University College of Engineering Freshman / Sophomore Dropout Prevention Committee.

Principal Publications of last five years:

- “Signal Processing with Memristor”, Presented at IEEE Beaumont Section technical meeting at Lamar University on November 26, 2013.
- “Memristor: The Fourth Fundamental Electrical Element”, Presented at IEEE Beaumont Section technical meeting at Lamar University on November 14, 2012.
- “A Visual Information Aided Multi-Media Ranking Technique”, Presentation at LSRO.

Professional Development Activities:

- Completed "Child Abuse & Reporting Training" on May 19, 2021.
- Organized and Attended “Professional Development Seminar” by Ms. Sheri Parent, Ms. Angela Brown, Mr. Carl Jenkins and Ms. Kaci Watts – Presented by ExxonMobile and IEEE Beaumont Section on March 25, 2021.
- Attended “Top Tactics To Elevate Your Career For The #FutureOfWork (IEEE-USA Livestream Event)” on March 23, 2021.
- Attended “IEEE Info Session with INEOS” – Presented by IEEE Beaumont Section and IEEE Beaumont Student Branch on February 11, 2021.
- Organized and Attended “IEEE Freshman Orientation” on January 28, 2021.

- Attended “Journey to NASA” – Presented by IEEE Beaumont Section and IEEE Beaumont Student Branch on November 17, 2020.
- Organized and Attended “Professional Development Seminar” by Ms. Sheri Parent, Ms. Angela Brown, Mr. Carl Jenkins and Ms. Kaci Watts – Presented by ExxonMobile and IEEE Beaumont Section on October 13, 2020.
- Completed "DegreeWorks 5.0.3 Degree Audit Training" on August 4, 2020.
- Organized and Attended “Professional Development Seminar” by Ms. Sheri Parent and Ms. Kaci Watts – Presented by ExxonMobile and IEEE Beaumont Section on March 5, 2020.
- Attended “First-Year Success” by Dr. Jane Liu, Professor, Department of Computer Science, Lamar University – Presented by CTLE (Center for Teaching and Learning Enhancement) on February 26, 2020.
- Attended “Cultivating Verbal and Written Communication Skills through Learner-Centered Pedagogy” by Dr. Yasuko Sato, Associate Professor of History, Lamar University – Presented by CTLE (Center for Teaching and Learning Enhancement) on February 17, 2020.
- Attended “Digital Tools in BB” by Mr. Quentin Bellard, Mr. Zach Dubuisson, and Dr. Ibrahim Poda. Associate Instructional Designers: Ms. Brandi Livingston and Ms. Kimberly McCoy. – Presented by CTLE (Center for Teaching and Learning Enhancement) on February 6, 2020.
- Arranged and attended “Undergraduate Research in Robotics Technology” by Dr. Hassan Zargarzadeh, Drayer Department of Electrical Engineering, Lamar University – Presented by IEEE Beaumont Section on November 14, 2019.
- Attended “Wellness and Stress Reduction” by Dr. Brett Gschwend, Clinical Director, BioModern Health – Presented by CTLE (Center for Teaching and Learning Enhancement) on November 13, 2019.
- Attended “Building Dreams in Plaid” by Ed Sturrock – Michael G. Weinert Entrepreneurial Lecture Series Presented by College of Business on November 13, 2019.
- Attended “Overview of Electronics Packaging Research at the University of Greenwich” by Professor Chris Bailey, University of Greenwich, London, UK. on November 11, 2019.
- Attended “Math Pathways – Quality Enhancement Plan (QEP)” by Dr. Jeremy Alm, Chair of Mathematics, and Dr. Jackie Jensen-Vallin, Director of First-Year Mathematics Experience – Presented by CTLE (Center for Teaching and Learning Enhancement) on November 7, 2019.

- Attended “Cardinal Communities: Engaging Students in New Ways” by Ms. Celine Hodge, Assistant Director of Cardinal Communities – Presented by CTLE (Center for Teaching and Learning Enhancement) on October 30, 2019.
- Organized and Attended “Professional Development Seminar” by Ms. Sheri Parent and Ms. Kaci Watts – Presented by ExxonMobile and IEEE Beaumont Section on October 24, 2019.
- Organized and Attended “Professional Development Seminar” by Ms. Angela Brown – Presented by ExxonMobile and IEEE Beaumont Section on October 22, 2019.
- Attended “How to help International Students Succeed” by Dr. Mustapha Jourdini, Director of International Student Programs and Services – Presented by CTLE (Center for Teaching and Learning Enhancement) on October 17, 2019.
- Attended “Using BB and EAC Visual Data for Program Improvement” by Dr. Donna Fong, Mr. Johnny Jarrell, Mr. Christopher Heisen – Presented by CTLE (Center for Teaching and Learning Enhancement) on September 12, 2019.
- Completed “Harassment & Discrimination Prevention” course by Lamar University Title XI Coordinator on March 18, 2019.
- Attended “Academic Lecture Series presents NASA rocket scientist Adam Steltzer” by Dr. Adam Steltzer – Presented by Lamar University College of Engineering on February 5, 2019.
- Completed “GDPR – General Data Protection Regulation” Training by IEEE Learning Management System on January 29, 2019.
- Completed “Code of Conduct”, by IEEE Continuing Education on January 23, 2019.
- Attended “Teaching Presence in the Online Environment: Engage, Connect, and Inspire”, by Dr. Daryl Ann Borel and Dr. Donna Fong – CTLE (Continuing Teacher and leader Education) at Lamar University on November 6, 2018.
- Attended “Using Protocols to Support Student Engagement”, by Dr. Kelly Brown – CTLE (Continuing Teacher and leader Education) at Lamar University on October 18, 2018.
- Completed “FERPA Basics (New – 2016)”, by Lamar University on April 25, 2018.
- Attended “WINGS of Success at LU QEP (Quality Enhancement Plan)”, by Dr. Judith Mann – The Office of Planning and Assessment at Lamar University on April 9, 2018.
- Attended “Current Research Activities in Electronic Science and Engineering at Nanjing University, China”, by Dr. Kanglian Zhao – IEEE Beaumont Section Technical Meeting at Lamar University on April 6, 2018.

- Completed “Diversity, EEO, and Discrimination Prevention”, by Texas Workforce Commission Training and Development on March 22, 2018.
- Attended “Quality Enhancement Plan Forum”, by Dr. Judith Mann – The Office of Planning and Assessment at Lamar University on April 25, 2017.
- Completed “Bridges: Building a Supportive Community”, by Lamar University on April 7, 2017.
- Attended “Aerospace Odyssey”, by Chuck Royston – IEEE Beaumont Section Technical Meeting at Lamar University on October 25, 2016.
- Attended “A moderated presentation featuring Itzhak Perlman’s violin to demonstrate the power of music to emotionally connect with an audience”, by Itzhak Perlman, Moderator: Dr. Kevin Smith – Judge Joe J. Fisher Distinguished Lecture Series at Lamar University on October 6, 2016.
- Attended “A 3D-Printing Based Learning”, by Dr. Stefan Andrei – Office of Undergraduate Research at Lamar University on September 29, 2016.
- Attended “Explore James Webb Space Telescope”, by Dr. Matthew Greenhouse – College of Engineering, Reaud Honors College and the Department of Physics at Lamar University on March 31, 2016.
- Completed “Code of Conduct”, by IEEE Continuing Education on March 22, 2016.