

Huey Yan (顏慧)		
Department of Industrial Management and Information Southern Taiwan University of Science and Technology No. 1, Nan-Tai Street, Yongkang Dist., Tainan 71005, Taiwan	Office: W803 & D103-3 ☎: 886-6-2533131 ext. 1500 & 4146 ✉: hirisyan@stust.edu.tw	

Education

- Ph.D., Statistics, Utah State University, Logan, Utah, 2001/05
- Master's, Statistics, Utah State University, Logan, Utah, 1991/08
- Bachelor's, Statistics, Fu-Jen Catholic University, Taipei, Taiwan, 1986/06

Area of Specialty

- Statistics, Statistical Data Analysis, Multivariate Data Analysis

Academic Experience

- Assistant Professor, Department of Industrial Management and Information, Southern Taiwan University of Science and Technology, 2002/08 to present

Work Experience

- Associate Director of Office of Academia Research and Industry Collaboration, 2016/08 to present
- Associate Director of Office of Academia-Industry Collaboration, 2014/02 to 2016/07
- Director of Curriculum Division of Office of Academic Affairs, 2011/08 to 2014/01
- Statistical Consultant, Insightful Corporation, Seattle/Washington, 2001/08 – 2002/3
- Statistical Consultant, Utah State University, Logan/Utah, 2000/08 – 2001/07

Publications

Journal Papers:

1. Lai, M.T. and **Yan, H.** (2016), "Optimal number of minimal repairs with

Cumulative Repair Cost Limit for a Two-Unit System with Failure Rate Interactions,” International Journal of Systems Science, [Volume 47, 2016 – Issue 2](#).

Conference Papers:

1. Caous, E.L., [Yan, H.](#), Huarng, F.H., Trang, N.H. and Havelka, J. (2014) “Behavioral Intention to Use Cloud Computing at Southern Taiwan University of Science and Technology,” 10th International Conference on Knowledge-Based Economy and Global Management, xxx-xxx. (Sponsored by Southern Taiwan University of Technology, Ministry of Education, and National Science Council.)
2. Cheng, T.H., Lin, Y.L., [Yan, H.](#), Gao, Ming Hong, Wu, C.C. (2014) “A study for the Causes of Taiwan 's Structural Unemployment - before and after 2008 Financial Tsunami,” Industrial Management and Information Application Innovations Conference, Department of Management and Information Technology, Southern Taiwan University of Science and Technology. (in Chinese)
3. Cheng, T.H., [Yan, H.](#), and Lin, Y.L. (2013) “A Study of Recommendation Technology Based on Sequence Mining,” The 19th Conference on Information Management & Practice, the Chinese Society of Information Management. (in Chinese)
4. Cheng, T.H., Lin, Y., [Yan, H.](#), and Wu, C.C. (2013) “The Impact of Financial Crisis on Structural Unemployment,” 2013 Industrial Management and Information Application Innovations Conference, Department of Management and Information Technology, Southern Taiwan University of Science and Technology. (in Chinese)
5. Cheng, P.Y. and [Yan, H.](#) (2012) “The Use of Cognitive Dissonance Theory to Understand Student’s Attitudes and Behaviors toward the Certification Examination: The Roles of commitment, and Foreseeability,” 8th International Conference on Knowledge-Based Economy and Global Management, 241-248. (Sponsored by Southern Taiwan University of Science and Technology, Ministry of Education, and National Science Council.)
6. [Yan, H.](#) and Tsai, Y.L. (2010) “A Study of Single EWMA Controllers with Metrology Delay,” 2010 Symposium on Global Business Operation and Management, Cheng Shiu University. (in Chinese)
7. [Yan, H.](#) and Lin, G.T. (2009) “A Study of Blog Success Factors and Their Effects on Web Business,” The 3rd Symposium on Management and Decision, Nanhua University. (in Chinese)
8. [Yan, H.](#) and Lin, S.J. (2008) “The Impact of On-line Music Quality on Customer Satisfaction – Based on an Integration of the Technology

Acceptance Model and the Extended Expectation Confirmation Theory,” 2008 Symposium on Applied Statistics, National Taipei University. (in Chinese)

9. **Yan, H.** and Chang, Y.J. (2007) “A Study of Gradual Change Double EWMA Controller,” The 11th Symposium on Technology Integration Management, Soochow University.
10. **Yan, H.** and Chiu, C.H. (2006) “A Study of Dynamical Double EWMA Controllers,” International Conference on Knowledge-Based Economy and Global Management, 314-331. (Sponsored by Southern Taiwan University of Technology, Ministry of Education, and National Science Council.)
11. **Yan, H.** and Tsai, C. (2006) “An Assessment of a Neural Network EWMA Control System,” The 4th Symposium on Management Thinking and Practice, IV38~IV54, Ming Chuan University. (in Chinese)
12. **Yan, H.** and Chiu, C.H. (2006) “A Comparison of Dynamical Double EWMA Controllers,” The 4th Symposium on Management Thinking and Practice, IV81~IV98, Ming Chuan University.
13. **Yan, H.** and Liou, Y.C. (2004) “Inventory Model in Supply Chains: A Stackelberg Equilibrium Approach,” International Conference on Knowledge-Based Economy and Global Management, 187-205. (Sponsored by Southern Taiwan University of Technology, Ministry of Education, and National Science Council.)

Books:

1. Chang H.D., **Yan, Huey**, and Lin, S.H. (2015), Quality Assurance Systems and Practices at Higher Education Institutions: International and Local Viewpoints, Higher Education Evaluation & Accreditation Council of Taiwan, Chapter 14, ISBN: 978-986-9159-50-0
2. **Yan, Huey** and Ting, Shu-fang (2014), Statistics for Management and Economics, Tsang Hai Book Publishing Co., ISBN: 978-986-5840-81-5 (Translated from “Statistics for Management and Economics”, 10th ed., Gerald Keller)
3. **Yan, Huey** and Ting, Shu-fang (2014), Statistics for Management and Economics: Fundamentals and Applications, Tsang Hai Book Publishing Co., ISBN: 978-986-5840-853 (Translated from “Statistics for Management and Economics: Abbreviated”, 10th ed., Gerald Keller)
4. **Yan, Huey** and Ting, Shu-fang (2012), Statistics for Management and Economics, Tsang Hai Book Publishing Co., ISBN: 978-986-6121-41-8 (Translated from “Statistics for Management and Economics”, 9th ed., Gerald Keller)
5. **Yan, Huey** and Ting, Shu-fang (2012), Statistics for Management and

Economics: Fundamentals and Applications, Tsang Hai Book Publishing Co., ISBN: 978-986-6121-44-9 (Translated from “Statistics for Management and Economics: Abbreviated”, 9th ed., Gerald Keller)

6. **Yan, Huey** and Ting, Shu-fang (2009), Statistics, Tsang Hai Book Publishing Co., ISBN: 978-986-6637-49-0 (Translated from “Statistics for Management and Economics”, 8th ed., Gerald Keller)

Dissertation:

- Yan, H. (2001) “Generalized Minimum Penalized Hellinger Distance Estimation and Generalized Penalized Hellinger Deviance Testing for Generalized Linear Models: the Discrete Case,” Ph.D. Dissertation, Utah State University.

Grants

1. National Science Council, No: NSC92-2118-M-218-001, “A Family of Robust and Efficient Estimation and Testing Procedures for Discrete Generalized Linear Models: Based on Penalized Hellinger Distance,” 2003/8 – 2004/7.

Entrusted Practical Projects

Government:

1. **Yan, Huey**, 2016/01/01~2016/12/31, The Ministry of Education Plan for Yunlin, Chiayi, Tainan Cross Regional Paradigm Strategic Alliance, 151050058-GP, 4,000,000 NT dollars
2. **Yan, Huey**, 2015/04/01~2015/12/31, The Ministry of Education Plan for Yunlin, Chiayi, Tainan Cross Regional Paradigm Strategic Alliance, 311040088-GP, 5,000,000 NT dollars
3. **Yan, Huey**, 2014/08/01~2014/12/31, The Ministry of Education Plan for Developing Technological University Paradigms - Exhibition of Achievements, 151030156-GP, 690,000 NT dollars
4. **Yan, Huey**, 2014/04/22~2014/12/31, The Ministry of Education Plan for Yunlin, Chiayi, Tainan Cross Regional Paradigm Strategic Alliance, 151030146-GP, 5,000,000 NT dollars

Industry:

1. **Yan, Huey**, Shu-fang Ting, 2014/08/01~2014/12/31, Cengage Learning, Teaching Material Development for Business Managerial Statistics - an Abbreviated Edition, 311030346, 50,000 NT dollars
2. **Yan, Huey**, Shu-fang Ting, 2014/03/01~2014/08/31, Cengage Learning, Teaching Material Development for Business Managerial Statistics – a

- Complete Edition, 311030347, 50,000 NT dollars
3. Leu, Ching-Ho, **Yan, Huey**, 2013/07/01~2013/12/31, STATSOFT HOLDINGS, INC., Teaching Material Development for Multivariate Analysis, 321020192, 50,000 NT dollars
 4. **Yan, Huey**, Shu-fang Ting, 2011/04/30~2011/09/15, Cengage Learning, Teaching Material Development for Business Managerial Statistics - an Abbreviated Edition, 310990311, 50,000 NT dollars
 5. **Yan, Huey**, Shu-fang Ting, 2011/04/30~2011/09/15, Cengage Learning, Teaching Material Development for Business Managerial Statistics – a Complete Edition, 310990307, 100,000 NT dollars

Honors and Awards

1. Excellent Teaching Award, 2008, Southern Taiwan University of Science and Technology
2. Excellent Teaching Award, 2006, Southern Taiwan University of Science and Technology
3. Outstanding Teaching Award, 2005, Southern Taiwan University of Science and Technology
4. Ph.D. Graduate Student Researcher of the Year Award, 2001, Utah State University
5. International Teaching Assistant of the Year Award, 1996, Utah State University
6. Robins Award for Teaching Assistant of the Year, 1995, Utah State University
7. Presidential Scholarship, 1995, Utah State University