

## Huey Yan (顏慧)

Global Master of Business Administration (GMBA)  
& Department of Industrial Management and  
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### 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, Global Master of Business Administration, Southern Taiwan University of Science and Technology, 2018/08 to present
- Assistant Professor, Department of Industrial Management and Information, Southern Taiwan University of Science and Technology, 2002/08 to present

### Journal Papers

1. Chu, Mei-Chin, Le Yen Ha Tran, and Yan, H. 2017 "Factors affecting Intention to Purchase Biofuels in Vietnam." *Vietnam's Socio-Economic Development*, 22(91): 32-50.
2. 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. Tseng, B.C.; Yan, H.; Chen, Bo-Sheng (2022) "Social Value Assessment of University Social Responsibility Plan on Talent Cultivation", 2022 Social Value Taiwan Conference, April 2022
2. Tseng, B.C.; Yan, H.; Chen, Bo-Sheng (2021) "Exploring the Effects of USR on Talents Training through the Analytic Hierarchy Process", 2021 CIMI Conference on Management Theories & Applications, May 2020, p.203-213
3. Tseng, B.C.; Yan, H.; Chen, Bo-Sheng (2021) "A Survey of Well-being for Elders – Taking Jinhua Elder-friendly Community in Tainan City as an Example", 2021 CIMI Conference on Management Theories & Applications, May 2020, p.213-223
4. Narpur, Manisha, Mei-Chin Chu, Yan, H., and Ai Chi Hsu (2019). "Impact of Foreign Direct Investment, Capital Formation and Human Development on Economic Growth: Evidence from Philippines and India." Paper presented at the 2019 STUST International Conference on Finance, Accounting and Management Decisions, Southern Taiwan University of Science and Technology, Taiwan, 17 May, 2019.
5. 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.
6. 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.)

7. 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)
8. 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)
9. 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)
10. 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.)
11. 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)
12. 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)
13. 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)
14. Yan, H. and Chang, Y.J. (2007) "A Study of Gradual Change Double EWMA Controller," The 11th Symposium on Technology Integration Management, Soochow University.
15. 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.)
16. 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)
17. 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.
18. 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.)

#### **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.

#### **Books**

1. Yan, Huey and Ting, Shu-fang (2024), Statistics for Management and Economics: Fundamentals and Applications, Tung Hua Book Co., Ltd., ISBN: XXX-XXX-XXX-XX-X (Translated from "Statistics for Management and Economics: Abbreviated", 12th ed., Gerald Keller)
2. Yan, Huey and Ting, Shu-fang (2023), Statistics for Management and Economics, Tung Hua Book Co., Ltd., ISBN: 978-626-9685-20-2 (Translated from "Statistics for Management and

- Economics”, 12th ed., Gerald Keller)
3. Yan, Huey and Ting, Shu-fang (2018), *Statistics for Management and Economics*, Tsang Hai Book Publishing Co., ISBN: 978-957-9282-12-3 (Translated from “Statistics for Management and Economics”, 11th ed., Gerald Keller)
  4. Yan, Huey and Ting, Shu-fang (2018), *Statistics for Management and Economics: Fundamentals and Applications*, Tsang Hai Book Publishing Co., ISBN: 978-957-9282-13-0 (Translated from “Statistics for Management and Economics: Abbreviated”, 11th ed., Gerald Keller)
  5. 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
  6. 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)
  7. 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)
  8. 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)
  9. 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)
  10. 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)

## Professional Experience

1. Director of Institutional Research Division of Center for Institutional Development, 2023/06 to present
2. Director of Project Management Division of Office of Academia Research and Industry Collaboration, 2018/08 to 2020/09
3. Associate Director of Office of Academia Research and Industry Collaboration, 2016/08 to 2018/07
4. Associate Director of Office of Academia-Industry Collaboration, 2014/02 to 2016/07
5. Director of Curriculum Division of Office of Academic Affairs, 2011/08 to 2014/01
6. Statistical Consultant, Insightful Corporation, Seattle/Washington, 2001/08 – 2002/3
7. Statistical Consultant, Utah State University, Logan/Utah, 2000/08 – 2001/07

## Grants

- 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

1. Government:
2. 1. Yan, Huey, 2020/05/01~2021/07/31, Ministry of Labor Plan for Small Business Manpower Improvement – Ming mold Industrial Co., Ltd., 31021090147-GP, 101,200 NT dollars
3. 2. Yan, Huey, 2019/06/06~2020/07/31, Ministry of Labor Plan for Small Business Manpower Improvement – Hwang Long Ltd. (Automobile and Motorcycle Parts), 31021080203-GP, 96,570 NT dollars
4. 3. Yan, Huey, 2018/09/19~2019/07/01, Ministry of Labor Plan for Small Business Manpower Improvement – Sheng Guan Construction Ltd., 32001070228-GP, 66,825 NT dollars
5. 4. Yan, Huey, 2018/09/19~2019/07/01, Ministry of Labor Plan for Small Business Manpower

- Improvement – Ji Cheng Plastic Materials Ltd., 32001070225-GP, 84,051 NT dollars
6. 5. Yan, Huey, 2018/07/31~2019/07/01, Ministry of Labor Plan for Small Business Manpower Improvement – Shun Tung Cement Products Co. Ltd., 32001070237-GP, 73,953 NT dollars
  7. 6. Yan, Huey, 2018/06/19~2019/07/01, Ministry of Labor Plan for Small Business Manpower Improvement – MagmArt VFX Co. Ltd. (Visual Effects), 32001070137-GP, 84,612 NT dollars
  8. 7. Yan, Huey, 2018/01/01~2018/12/31, The Ministry of Education Plan for University Social Responsibility - Local Cultural Creation and Communication -- Fucheng vs Yuejin, 45001070057-EDU, 561,000 NT dollars
  9. 8. Yan, Huey, 2017/01/01~2017/12/31, The Ministry of Education Continuation Plan for Developing Technological University Paradigms, 151060009-GP, 92,500,000 NT dollars
  10. 9. 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
  11. 10. 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
  12. 11. 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
  13. 12. 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
  14. Industry:
    15. 1. Yan, Huey, Shu-fang Ting, 2022/02/01~2023/01/31, Cengage Learning, Teaching Material Development for Business Managerial Statistics - an Abbreviated Edition, 31021110049, 50,000 NT dollars
    16. 2. Yan, Huey, Shu-fang Ting, 2022/02/01~2023/01/31, Cengage Learning, Teaching Material Development for Business Managerial Statistics – a Complete Edition, 31021110048, 50,000 NT dollars
    17. 3. Yan, Huey, 2019/12/01~2020/04/30, Chun I Technologies CO., LTD., Ministry of Labor Plan for Business Manpower Improvement, 32001080486, 50,000 NT dollars
    18. 4. Yan, Huey, 2019/05/01~2020/04/30, Corning Display Technologies Taiwan CO., LTD., Ministry of Labor Plan for Business Manpower Improvement, 32001080247, 50,000 NT dollars
    19. 5. Yan, Huey, Shu-fang Ting, 2018/01/01~2018/07/31, Cengage Learning, Teaching Material Development for Business Managerial Statistics - an Abbreviated Edition, 32001070147, 50,000 NT dollars
    20. 6. Yan, Huey, Shu-fang Ting, 2018/01/01~2018/07/31, Cengage Learning, Teaching Material Development for Business Managerial Statistics – a Complete Edition, 32001070148, 50,000 NT dollars
    21. 7. 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
    22. 8. 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
    23. 9. 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
    24. 10. 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
    25. 11. 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. Outstanding Class Advisor Award, 2022, Southern Taiwan University of Science and Technology
2. Excellent Teaching Award, 2008, Southern Taiwan University of Science and Technology
3. Excellent Teaching Award, 2006, Southern Taiwan University of Science and Technology
4. Outstanding Teaching Award, 2005, Southern Taiwan University of Science and Technology
5. Ph.D. Graduate Student Researcher of the Year Award, 2001, Utah State University
6. International Teaching Assistant of the Year Award, 1996, Utah State University
7. Robins Award for Teaching Assistant of the Year, 1995, Utah State University
8. Presidential Scholarship, 1995, Utah State University