

## **Huey Yan (顏慧)**

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Information Technology  
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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

### **Experience**

- Assistant Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2002/08 to present
- Statistical Consultant, Insightful Corporation, Seattle/Washington, 2001/08 – 2002/3
- Statistical Consultant, Utah State University, Logan/Utah, 2000/08 – 2001/07
- Graduate Teaching Assistant (Instructor), Department of Mathematics and Statistics, Utah State University, Logan/Utah, 1992/09 – 1996/05
- Graduate Teaching Assistant (Recitation Instructor), Department of Mathematics and Statistics, Utah State University, Logan/Utah, 1989/09 – 1992/05

### **Area of Specialty**

Statistics, Statistical Data Analysis, Multivariate Data Analysis

### **Research Interests**

Generalized Linear and Mixed Models, Robust Statistical Methods, and Statistical Computing

### **Publications**

#### **Conference Papers:**

1. 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)
2. 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)
3. 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)
4. Yan, H. and Chang, Y.J. (2007) "A Study of Gradual Change Double EWMA Controller," The 11th Symposium on Technology Integration Management, Soochow University.
5. 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.)
6. 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)
  7. 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.
  8. 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. Yan, H. and Shu-fang T. (2009), Statistics, Tsang Hai Book Publishing Co., ISBN: 978-986-6637-49-0 (Translated from "Statistics for Management and Economics", 8th ed., Gerald Keller)

### **Doctorate 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.

### **Master Thesis**

Yan, H. (1991) "A Comparison of Estimation Procedures for the Beta Distribution," Master thesis, 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.

### **Honors and Awards**

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