

KUANG-YUAN HUANG

Assistant Professor

Computer Information Systems
Hasan School of Business
Colorado State University - Pueblo
2200 Bonforte Boulevard
Pueblo, CO 81001

E-Mail: kuangyuan.huang@csupueblo.edu
Phone: 719.549.2182

EDUCATION

- | | |
|---|--------------------------------|
| • Doctor of Philosophy , Information Science
<i>University at Albany, State University of New York</i> | 2007 – 2013
Albany, NY |
| Dissertation: “Virtual Healthcare Support Communities: Pillars of Support and Companionship”
(Won the distinguished dissertation award) | |
| • Master of Science , Computer Science and Information Engineering
<i>National Dong-Hwa University</i> | 1997 – 1999
Hualien, Taiwan |
| • Bachelor of Science , Computer and Information Science
<i>National Chiao-Tung University</i> | 1993 – 1997
Hsinchu, Taiwan |

PROFESSIONAL EXPERIENCE

- | | |
|---|-------------------------------|
| • Area Coordinator – Computer Information Systems
<i>Colorado State University – Pueblo</i> | 2019 –
Pueblo, CO |
| • Assistant Professor – Computer Information Systems
<i>Colorado State University – Pueblo</i> | 2017 –
Pueblo, CO |
| • Faculty Program Director – Information Technology
<i>Excelsior College</i> | 2014 – 2017
Albany, NY |
| • Software Engineer
<i>Groundhog Technologies Inc.</i> | 2005 –2006
Taipei, Taiwan |
| • Research Assistant
<i>Institute of Linguistics, Academia Sinica</i> | 2004 –2005
Taipei, Taiwan |
| • Software Engineer
<i>Liteon Technology Corp.</i> | 2001 –2004
Hsinchu, Taiwan |

TEACHING EXPERIENCE

- **Hasan School of Business, Colorado State University, Pueblo**
 - CIS315 Linux Fundamentals (Fall 2018~2023)
 - CIS359 Advanced Programming in C# (Spring 2018~2021)
 - CIS365 Management Information Systems (Fall 2017, Spring 2018, 2019)
 - CIS401 Network Systems Administration (Fall 2017~2023)
 - CIS410 Data Analytics with Python (Spring 2020~2023)
 - CIS491 Virtualization Technologies (Spring 2022~2023)
 - CIS565 Management Information Systems (Fall 2018, graduate level course)

- **School of Business, University at Albany, SUNY**
 - ITM 330 Business Information System & Technologies (Summer 2012)
 - ITM 415 Systems Analysis & Design (Fall 2012)
- **Department of Informatics, University at Albany, SUNY**
 - INF 202 Introduction to Data and Database (Fall 2010, Spring 2011)
 - INF 423 Networking Essentials (Fall 2011)
- **School of Library and Information Science, University of Kentucky**
 - LIS 658 Knowledge Management (Spring 2013, graduate level, online course)
- **Department of Information Technology, Excelsior University**
 - IT 211 Introduction to Programming with Python (Fall 2022~2023)
 - IT 370 Database Management Systems (Summer 2013, Fall 2015, online course)
- **Department of Computer Science, Schenectady County Community College, SUNY**
 - CS 134 C++/Unix (Fall 2011)
 - CS 223 Database Management (Spring 2012)

RESEARCH EXPERIENCE

- | | |
|---|-------------------|
| • Postdoctoral Research Fellow | <i>2013 –2014</i> |
| <i>Desautels Faculty of Management, McGill University</i> | Montreal, Canada |
| Supervisor: Dr. Alain Pinsonneault | |
| • Research Assistant | <i>2007 –2008</i> |
| <i>Dept. of Informatics, University at Albany, SUNY</i> | Albany, NY |

RESEARCH INTERESTS

- Virtual Community and Social Media
- Knowledge Management
- Healthcare Information Technology
- Technology Adoption
- Text Analysis/Natural Language Processing

JOURNAL ARTICLES

- **Huang, K.-Y.**, Long, Y., and Cui, X. 2023 “Let’s Quit Together: Identifying Textual Factors that Promote Supportive Interactions in Online Cannabis Support Forums,” *The DATA BASE for Advances in Information Systems* (54:3), pp. 11-36.
- **Huang, K.-Y.**, Chengalur-Smith, I., and Pinsonneault, A. 2019 “Sharing and Caring: Investigating Social Support Behavior in Healthcare Virtual Support Communities,” *MIS Quarterly* (43:2), pp. 395-423.
- **Huang, K.-Y.**, Chengalur-Smith, I., and Ran, W. 2014. “Not Just for Support: Companionship Activities in Healthcare Virtual Support Communities,” *Communications of the Association for Information Systems*, 34 (special section on Patient-Centered E-Health), Article 29.
- Choi, N., **Huang, K.-Y.**, Palmer, A., and Horowitz, L. 2014. “Web 2.0 Use and Knowledge Transfer: How Social Media Technologies can Lead to Organizational Innovation,” *Electronic Journal of Knowledge Management*, (12:3), pp. 176-186.
- **Huang, K.-Y.**, and Guney, S. 2012. “Toward a Framework of Web 2.0-Driven Organizational Learning,” *Communications of the Association for Information Systems*, 31, Article 6, pp. 128-152.

WORK IN PROGRESS

- **Huang, K.-Y.**, and Chengalur-Smith, I. “Received Support, Perceived Support, and Social Support Observation and Provision in Virtual Communities.”

REFEREED CONFERENCE ARTICLES

- **Huang, K.-Y.** 2021 “Coping with Organizational Information Technology Events: A Perceived Organizational Support and Relationship-Focused Coping Perspective” in *Proceedings of the 54th Hawaii International Conference on System Sciences (HICSS-54)*, January 5-8, Koloa, HI.
- Long Y., **Huang K.-Y.** 2020 “WeRehab: Assisting Cannabis Rehabilitation via Mobile Application.” In: Fang X. (eds) *HCI in Games. HCII 2020. Lecture Notes in Computer Science*, vol. 12211. Springer, Cham.
- **Huang, K.-Y.**, and Chengalur-Smith, I. 2019. “Received Support, Perceived Support, and Social Support Observation and Provision in Virtual Communities,” in *Proceedings of the 40th International Conference on Information Systems (ICIS’19)*, December 15-18, Munich, Germany (short paper).
- **Huang, K.-Y.**, and Long, Y. 2019 “Fighting Together: Discovering the Antecedents of Social Support and Helpful Discussion Threads in Online Support Forums for Cannabis Quitters,” in *Proceedings of the 52nd Hawaii International Conference on System Sciences (HICSS-52)*, January 8-11, Maui, HI. **(Best paper nomination)**
- **Huang, K.-Y.**, Chengalur-Smith, I., and Pinsonneault, A. 2014. “Why Should I Provide Social Support? A Social Capital Perspective of Individual Helping Behavior in Healthcare Virtual Support Communities,” in *Proceedings of the 35th International Conference on Information Systems (ICIS’14)*, December 14-17, Auckland, New Zealand.
- **Huang, K.-Y.**, and Chengalur-Smith, I. 2014. “A Social Capital Perspective to Understand Individual Contribution of Social Support in Healthcare Virtual Support Communities,” in *Proceedings of the 47th Hawaii International Conference on System Sciences (HICSS-47)*, January 6-9, Big Island, HI.
- **Huang, K.-Y.**, Chengalur-Smith, I., Uzuner, Ö., Nambisan, P., and Choi, N. 2012. “Supporters in Deed: Studying Online Support Provision from the Perspective of Social Capital,” in *Proceedings of the 33rd International Conference on Information Systems (ICIS’12)*, December 16-19, Orlando, FL (short paper).
- **Huang, K.-Y.** 2012. “Exploring Social Behavior over Virtual Support Community: Support Exchange and Companionship Activities,” *Paper presented at the annual meeting of the Academy of Management (AoM)*, August 3-7, Boston, MA.
(Won the OCIS division best student paper award)
- **Huang, K.-Y.**, and Choi, N. 2011. “What Can Online Reviews Tell Us? An Approach to Analyze and Visualize Online Book Reviews,” *Paper presented at the Decision Sciences Institute (DSI) annual meeting*, November 19-22, Boston, MA.
- **Huang, K.-Y.**, and Guney, S. 2011. “Toward a Framework of Web 2.0 Driven Organizational Learning,” *Paper presented at the annual meeting of the Academy of Management (AoM)*, August 12-16, San Antonio, TX.
- **Huang, K.-Y.**, and Choi, N. 2011. “Relating and Clustering Free/Libre Open Source Software Projects and Developers: A Social Network Perspective,” in *Proceedings of the 44th Hawaii International Conference on System Sciences (HICSS-44)*, January 4-7, Koloa, HI.

- **Huang, K.-Y.**, Nambisan, P., and Uzuner, Ö. 2010. “Informational Support of Emotional Support: Preliminary Study of an Automated Approach to Analyze Online Support Community Contents,” in *Proceedings of the 31st International Conference on Information Systems (ICIS’10)*, December 12-15, St. Louis, MO (short paper).
- **Huang, K.-Y.**, Choi, N., and Horowitz, L. 2010. “Web 2.0 Use and Organizational Innovation: A Knowledge Transfer Enabling Perspective,” in *Proceedings of the 16th Americas Conference on Information Systems (AMCIS’10)*, August 12-15, Lima, Peru.
- **Huang, K.-Y.**, Choi, N., and Chengalur-Smith, I. 2010. “Cultural Dimensions as Moderators of the UTAUT Model: A Research Proposal in the Healthcare Context,” in *Proceedings of the 16th Americas Conference on Information Systems (AMCIS’10)*, August 12-15, Lima, Peru.

REFEREED WORKSHOP PRESENTATIONS

- **Huang, K.-Y.**, Pinsonneault, A., and Chengalur-Smith, I. 2014. “Social Network Dynamics in Healthcare Virtual Support Communities,” in *the 24th Workshop on Information Technology and Systems (WITS’14)*, December 17-19, Auckland, New Zealand.
- **Huang, K.-Y.**, and Chengalur-Smith, I. 2013. “A Social Capital Perspective to Understand Individual Contribution of Social Support in Healthcare Virtual Support Communities,” in *the 4th Annual Workshop on Health IT and Economics (White’13)*, November 15-16, Washington, DC.
- **Huang, K.-Y.**, Chengalur-Smith, I., Uzuner, Ö., Nambisan, P., and Choi, N. 2012, “Supporters in Deed: Studying Online Support Provision from the Perspective of Social Capital,” in *the 3rd Annual Workshop on Health IT and Economics (White’12)*, October 5-6, Washington, DC.
- **Huang, K. Y.**, and Choi, N. 2010. “Cultural Dimensions as Moderators of the UTAUT Model: a Research Proposal in a Healthcare Context,” in *the First Annual Workshop on Health IT and Economics (White’10)*, October 8-9, Washington, DC.

AWARDS AND HONORS

- | | |
|--|--------------------|
| • Excellence in Teaching Award
Hasan School of Business, Colorado State University Pueblo | 2022 |
| • Excellence in Research Award
Hasan School of Business, Colorado State University Pueblo | 2019 |
| • Outstanding HSB Faculty of the Year
Hasan School of Business, Colorado State University Pueblo | 2019 |
| • Distinguished Dissertation Award
University at Albany, SUNY | 2014 |
| • Doctoral Consortium Fellow
International Conference on Information Systems (ICIS) | 2012 |
| • Winner: Best Student Paper
Academy of Management annual meeting, Organizational Communication and Information Systems (OCIS) Division. | 2012 |
| • Graduate Assistantship
University at Albany, SUNY | 2008 ~ 2011 |

RESEARCH GRANTS

- **Summer Research Grant (\$4,000)** **2022**
Hasan School of Business, CSU Pueblo
- **Summer Research Grant (\$2,000)** **2021**
Hasan School of Business, CSU Pueblo
- **Summer Research Grant (\$2,000)** **2020**
Hasan School of Business, CSU Pueblo
- **Seed Research Grant (\$3,865)** **2020**
Colorado State University Pueblo
- **Summer Research Grant (\$2,000)** **2019**
Hasan School of Business, CSU Pueblo
- **Data Analytics in Cannabis Research Grant (\$43,351)** **2019**
Institute of Cannabis Research, Colorado State University Pueblo
- **Summer Research Grant (\$2,000)** **2018**
Hasan School of Business, CSU Pueblo
- **Data Analytics in Cannabis Research Grant (\$35,000)** **2018**
Institute of Cannabis Research, Colorado State University Pueblo
- **Data Analytics in Cannabis Research Grant (\$30,775)** **2017**
Institute of Cannabis Research, Colorado State University Pueblo

ACADEMIC SERVICES AND ACTIVITIES

- **Associate editor:**
 - International Conference on Information Systems (ICIS)
- **Program committee:**
 - 2014 Workshop on Human-Computer Interaction in Health and Wellness
- **Membership:**
 - Association for Information Systems (AIS)
 - Academy of Management (AoM)
 - Decision Sciences Institute (DSI)
- **Ad-hoc reviewer (Journal):**
 - Communications of the Association for Information Systems (CAIS)
 - European Journal of Information Systems (EJIS)
 - Journal of Behavior Therapy and Experimental Psychiatry (JBTEP)
 - Journal of the American Medical Informatics Association (JAMIA)
 - Journal of the Association for Information Systems (JAIS)
 - Information Processing and Management (IP&M)
 - Information Systems Journal (ISJ)
 - Information Systems Research (ISR)
 - MIS Quarterly
 - The DATABASE for Advances in Information Systems
- **Ad-hoc reviewer (Conference):**
 - Academic of Management (AoM) annual meeting
 - Americas Conference on Information Systems (AMCIS)
 - Decision Sciences Institute (DSI) annual meeting
 - Hawaii International Conference on System Sciences (HICSS)
 - International Conference on Information Systems (ICIS)

- Pacific Asia Conference on Information Systems (PACIS)