# Chong Ho (Alex) Yu

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## Education

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| 2019 | **Theology**<br>Azusa Pacific Universiy, CA | MA in Theological Studies |
| 2007 | **Public Health**<br>University of Arizona, AZ | Graduate Certificate in Public Health |
| 2007 | **Philosophy**<br>Concentration: History and Philosophy of Science<br>Arizona State University, AZ | Ph.D. |
| 2002 | **Philosophy**<br>Concentration: History and Philosophy of Science<br>Arizona State University, AZ | Certificate of History and Philosophy of Science |
| 1995 | **Educational Psychology**<br>Concentration: Measurement, Statistics & Methodological Studies<br>Arizona State University, AZ | Ph.D. |
| 1993 | **Educational Psychology**<br>Concentration: Instructional Psychology & Technology<br>University of Oklahoma, OK | Master of Education |
| 1992 | **Human Relations**<br>Concentration: International Human Relations<br>University of Oklahoma, OK | Master of Human Relations |
| 1993 | **Liberal Studies**<br>Concentration: Individual, Society & Philosophy<br>Hamline University, MN | Certificate in Advanced Liberal Studies |
| 1989 | **Visual Arts**<br>Concentration: Computer Imaging<br>Bemidji State University, MN | Bachelor of Arts |
| 1989 | **Mass Communication**<br>Concentration: Electronic Media<br>Bemidji State University, MN | Bachelor of Science |

## Specialized Training

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| 2001 | **Cisco Networking**<br>Cisco Systems, Inc. | Cisco Certified Networking Associate (CCNA) |
| 2000 | **Novell Netware**<br>Novell, Inc. | Certified Novell Engineer (CNE 5)<br>Certified Novell Administrator (CNA 5) |
| 1997 | **Microsoft Windows**<br>Microsoft Corp., | Microsoft Certified System Engineer (MCSE)<br>Microsoft Product Specialist (MCP) |

**Work Experience**

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| 2021-present | **Office of Institutional Research** <br> Azusa Pacific University, CA <br> Conducts research and evaluation to support timely decisions for enhancing productivity, efficiency, and effectiveness of the university in different areas, including teaching, research, and service, by utilizing cutting-edge data visualization and big data analytical tools (e.g. Tableau, SAS, Python…etc.). <br> Develops the infrastructure of data management/analytical systems, and automates recurring tasks using state-of-the-art technologies, such as business intelligence (BI) systems, cloud-based computing, and machine learning/artificial intelligence. | Direct or Data Analytics <br> Adjunct Faculty of Mathematics <br> Quantitative Research <br> Consultant at APU |
| 2012-2021 | **Department of Psychology/ Behavorial and Applied Science** <br> Azusa Pacific University, CA <br> Teach research methods, advanced research methods, test and measurement, applied statistics, and data science; conduct research in research methodologies and cross-cultural comparisons, including education in international contexts; provide consulting services to APU faculty in quantitative research; organize Big Data Discovery Summit and Data Science Consortium | Professor (full) of Behavorial and Applied Science (Since 2020) <br> Associate Professor of Psychology <br> Adjunct Faculty of Mathematics <br> Quantitative Research <br> Consultant at APU |
| 7/2011-12/2011 | **Mary Lou Fulton Teachers College** <br> Arizona State University, AZ <br> Design experiments and quasi-experiments, set standards and key performance indicators for evaluation, disseminate research findings to local, national, and international audiences, mentor graduate students in both qualitative and quantitative studies. | Researcher/ <br> Principal System Analyst |
| 2005-2011 | **Applied Learning Technologies Institute** <br> Arizona State University, AZ <br> Develop instruction-assessment feedback loops using cognitive item response theory, conduct research for supporting institutional strategic planning on instructional technology, mentor doctoral students & graduate assistants. | Director of Research & Assessment |
| 2001-2005 | **Assessment, Development, and Innovation/ Assessment, Research, and Evaluation** <br> Cisco Systems Inc./Aries Technology <br> Conduct psychometric research using classical analysis, Item Response Theory, data visualization, and exploratory data analysis, automate data analysis process, develop Web-based databases for item banking. | Psychometrician |
| 2000-2001 | **Educational Data Communication, Analysis, Research, and Evaluation** <br> Division of Psychology, Arizona State University, AZ <br> Conduct measurement and statistical analysis for program evaluation, design and manage networking infrastructure, supervise graduate assistants, organize and present in research seminars, mentor graduate students in research. | Academic Research Manager |

| 1997-2000 | **Instruction and Research Support** | System Analyst |
| | Information Technology, Arizona State University, AZ | |

Develop internet-based applications for instruction and research, conduct research to evaluate the effectiveness of technology-based instruction, supervise doctoral students in dissertation committees, teach classes and workshops regarding research and evaluation, database design, and network design.

| 1996-1997 | **Graduate College/Institutional Analysis** | Management |
| | **and Data Administration** | Research Analyst |

Perform statistical analysis and database query for educational research, develop homepages, provide computing support, and administer local area networks and Internet servers.

| 1995-1996 | **Technology Resources Lab/Student Computing Lab** | Supervisor |
| | Arizona State University, AZ | |

Manage networks including Windows NT, Novell Netware, and PowerMac Workgroup servers, and supervise graduate assistants and work-study workers

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**Publications**

Books

Yu, C. H., & Lee, H. S. (2020). Creating changes in science and math education: Lessons from Hong Kong. New York, NY: Springer.

Yu, C. H. (2014). Dancing with the data: The art and science of data visualization. Saarbrucken, Germany: LAP.

Yu, C. H. (2006). Philosophical foundations of quantitative research methodology. Lanham, MD: University Press of America.

Book Chapters

Yu, C. H. (2020). Objective measurement: How Rasch modeling can simplify and enhance your assessment. In M. S. Khine (Ed.). Rasch measurement: Applications in quantitative educational research (pp. 47-73). Singapore: Springer. https://doi.org/10.1007/978-981-15-1800-3_4..

Yu, C. H., & Law, W. (2019). A re-examination of partitioning the soul and the body: Implications for ministry from the holistic view of humanity. In L. Chan (Ed.). Theology and ministry (pp. 235-270). Taiwan: Grace Publisher.

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Yu, C. H. (2013). Free will as a continuum with self-imposing constraints: Are unconsciousness, physical tendency, and free will compatible? In M. Wisse, M. Sarot, & M. Scott (Eds.). Embodied religion (Ars Disputandi supplement series) (pp. 293-303). Utrecht: Ars Disputandi.

Yu, C. H. (2012). Taking over Republicans: How Christian Rights influence US domestic and foreign policies. In Choi, C. S. and Kwan, K. M. (Eds.). Debates of Christianity and modern society: Morality, Politics, and Religious Right (pp.109-117). Hong Kong: Tien Dao Publisher.

Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2011). Using text mining for improving student experience management. In P. Tripathi & S. Mukerji (Eds.), Cases on innovations in educational marketing: Transnational and technological strategies (pp. 196-213). Hershey, PA: IGI Global.

Yu, C. H. (2011). Degrees of freedom. In Miodrag Lovric (Ed), International encyclopedia of statistical sciences (pp.363-365). New York: Springer.

Yu, C. H. (2008). Is "God of the gaps" a mockery of Christian apologetics? In Lin Chou & Chi-nan Young (Ed.), Mysticism and reflection (pp. 272-286). Guangxi, China: Guangxi University Press.

Yu, C. H. (2007). Resampling: A conceptual and procedural introduction. In Jason Osborne (Ed.), Best practices in quantitative methods (pp. 283-298). Thousand Oaks, CA: Sage Publications.

Yu, C. H. (2006). Ethical issues of product placement and manipulation. In Prateek Kanchan (Ed.), In-film advertising: Brand positioning strategy (pp. 90-100). Hyderabad, India: ICFAI University Press.

Yu, C. H. (2005). Test-retest reliability. In K. Kempf-Leonard (Ed.), Encyclopedia of social measurement, Vol. 3 (pp. 777-784). San Diego, CA: Academic Press.

Behrens, J. T., & Yu, C. H. (2003). Exploratory data analysis. In J. A. Schinka & W. F. Velicer, (Eds.), Handbook of psychology Volume 2: Research methods in psychology (pp. 33-64). New Jersey: John Wiley & Sons, Inc.

Yu, C. H. (1999). A component analysis of universal human nature, Chinese great tradition, small tradition, and traits of Hong Kong culture. In Falin Gao (Eds.), Chung Kwok Yin Han Chung Kwok Yin [Chinese observing Chinese] (pp.82-92). Brampton, Ont., Canada: Mirror Books Ltd.

Yu, C. H., & Marcus-Mendoza, S. (1993). Attitudes of correctional staff. In B. R. Fletcher, L. D. Shaver, & D. G. Moon (Eds.), Women prisoners: A forgotten population (pp.111-118). Westport, Connecticut: Praeger.

Sargent, E., Marcus-Mendoza, S., & Yu, C. H. (1993). Abuse and the women prisoner. In B. R. Fletcher, L. D. Shaver, & D. G. Moon (Eds.), Women prisoners: A forgotten population (pp.55-64). Westport, Connecticut: Praeger.

Journals

Chan, S., Yu, C. H., Liu, K. H. K., Lau, C., Fung, A., & Tse, S. (2021). Evaluating the emotion regulation of positive mood states among people with bipolar disorder using hierarchical clustering. World Journal of Psychiatry, 11(9), 619-634. DOI: 10.5498/wjp.v11.i9.619. Retrieved from https://www.wjgnet.com/2220-3206/full/v11/i9/619.htm

Silva, M. J., Coffee, Z., Yu, C. H., & Martel, M. O. (2021). Anxiety and fear avoidance beliefs and behavior may be significant risk factors for chronic opioid analgesic therapy reliance for patients with chronic pain – results from a preliminary study. Pain Medicine, 22(9), 2106–2116. https://doi.org/10.1093/pm/pnab069

Hanson, J., & Yu, C. H. (2020). Using data visualization and data science to explore self-efficacy in the classroom and academic mindset by grouping demographic variables, Journal of Education and Practice, 24(11). DOI: 10.7176/JEP/11-24-01. https://www.iiste.org/Journals/index.php/JEP/article/view/53854

Yu, C. H. (2019). An Analysis of the relationship between Christian faith and mental wellbeing using item response theory. PEOPLE: International Journal of Social Sciences, 5, 565-586. DOI: https://doi.org/10.20319/pijss.2019.53.565586

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Yu, C. H., Trier, H., & Slam, M. (2019). A data mining and data visualization approach to examine the inter-relationships between life satisfaction, secularization, and religiosity. *Journal of Religion and Health*, *58*, 271-288. DOI: 10.1007/s10943-018-0737-5. Retrieved from http://link.springer.com/article/10.1007/s10943-018-0737-5

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Yu, C. H., & Lee, H. S. (2018). A multi-disciplinary inquiry of secular and Christian approaches to sex education. Journal of Research on Christian Education, 27, 76-100. https://doi.org/10.1080/10656219.2018.1442270

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Shiao, P., Grayson, J., Yu, C. H., Wasek-Patterson, B., & Bottiglieri, T. (2018). Gene environment interactions and predictors of colorectal cancer in family-based multi-ethnic groups. Journal of Personalized Medicine, 8(1), 1-21. doi:10.3390/jpm8010010.

Yu, C. H., Lambert, S., & Cheung, K. T. (2017). "Moral monsters" in the perspectives of psychology, philosophy, and theology. Journal of Psychology and Christianity, 36, 195-209.

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Tse, S., Murray, G., Chung, K. F., Davidson, L., Ng, J., Yu, C. H. (2014). Differences and similarities between functional and personal recovery in an Asian population: A cluster analytic approach. Psychiatry: Interpersonal and Biological Processes, 77(1), 41-56. Retrieved from

https://www.researchgate.net/publication/260429184_Differences_and_Similarities_Between_Functional_and_Personal_Recovery_in_an_Asian_Population_A_Cluster_Analytic_Approach

Yu, C., & Cole, J. (2014). Friend or foe? Common sense in science education from the perspective of history and philosophy of science. British Journal of Education, Society & Behavioural Science, 4, 673-690. Retrieved from http://www.sciencedomain.org/download.php?f=Ho452013BJESBS6995_1.pdf&aid=3562

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Yu, C. H. (2012). Examining the relationships among academic self-concept, instrumental motivation, and TIMSS 2007 science scores: A cross-cultural comparison of five East Asian countries/regions and the United States. Educational Research and Evaluation, 18, 713-731. DOI:10.1080/13803611.2012.718511. Retrieved from http://www.tandfonline.com/doi/full/10.1080/13803611.2012.718511

Yu, C. H., Jannasch-Pennell, A., DiGangi, S., & Kaprolet, C. (2012). A data mining approach to compare American and Canadian Grade 10 students in PISA 2006 Science test performance. Journal of Data Science, 10, 441-464. Retrieved from http://www.jds-online.com/file_download/362/JDS-1064.pdf

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Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2012). A time-lag analysis of the relationships among PISA scores, scientific research publication, and economic performance. Social Indicators Research, 107, 317-330. doi: 10.1007/s11205-011-9850-5.

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Yu, C. H., & Behrens, J. T. (1995). Applications of scientific multivariate visualization to behavioral sciences. <u>Behavior Research Methods, Instruments, and Computers, 2</u>, 264-271.

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**Academic Presentations**

Cheung, D., & Yu, C. H. (2021, June). <u>Perceptions of greed and unfairness</u>. Business & Economics Society International Conferences, Online. https://www.youtube.com/watch?v=9EkIv7KrcWY

Heekap, L., Hanson, J., & Yu, C. H. (2021, February). <u>Testing the relationship between school growth mindset culture, students' academic mindset, and academic outcomes</u>. Paper presented at Association of Independent Liberal Arts Colleges for Teacher Education (AILACTE) Virtual Conference, Online.

Heekap, L., Hanson, J., & Yu, C. H. (2021, February). <u>Teaching strategies for improving student's sense of belonging and the influence on self-efficacy on classroom tasks: Grouped by moderating demographic variables</u>. Paper presented at Association of Independent Liberal Arts Colleges for Teacher Education (AILACTE) Virtual Conference, Online.

Yu, C. H. (2020, October). <u>The role of data visualization in big data analytics</u>. Paper presented at IM Data Conference, Online.

Yu, C. H. & Xiao, Z. H. (2020, October). <u>Large-scale international assessment by data visualization and rapid data mining</u>. Paper presented at IDEAS Global AI Conference, Online.

Xiao, Z. H., & Yu, C. H. (2020, June). <u>Machine learning and big data analytics identify important predictors of students' science academic achievement globally</u>. Virtual poster presented at American Psychological Society Online Conference.

Yu, C. H. (2020, May). <u>Automated text mining, cluster analysis, and multi-dimensional scaling: Which is the best?</u> Seminar presented at International Data Engineering and Science Association, Online.

Yu, C. H., Law, W., & Gan, S. (Feburary, 2020). <u>Embodied soul: Re-examining Christian dualism interms of neuroscience and theology</u>. Paper presented at Southern California Christians in Science. Azusa, CA.

Bonney, L. A. & Yu, C. H. (January, 2020). <u>Mindfulness for school leader well-being</u>. Paper presented at the annual meeting of the International Congress for School Effectiveness and Improvement. Marrakech, Morocco.

Gaid, L., & Yu, C. H. (2019, November). <u>A data science approach to identify crucial factors of predicting test performance in Program for International Student Assessment</u>. Poster presented at Southern California Conference for Undergraduate Research. St. Marcos, CA.

Yu, C. H., & Gaid, L. (2019, October). <u>Model comparison and model averaging: Which is better?</u> Paper presented at IDEAS South California AI and Data Science Conference, Los Angeles, CA.

Yu, C. H. (2019, October). <u>Improving science and math education: Lessons from Asia</u>. Plenary Lecture at International Conference on Social Science & Humanities, Prague, Czech Republic.

Yu, C. H. (2019, October). <u>An analysis of the relationship between Christian faith and mental wellbeing utilizing item response theory</u>. Paper presented at International Conference on Social Science & Humanities, Prague, Czech Republic.

Yu, C. H., & Rasimas, B. (2019, April). <u>An investigation of the relationship between religious activities, spirituality, and mental health among university students</u>. Paper presented at Western Psychological Association Convention, Pasadena, CA.

Yu, C. H., Reyes, N., Valenzuela, C., Awadallah, J., & Flores, V. (2019, April). <u>Re-examine how religious activities and perceived importance of religion influence substance use among Grade-12 students</u>. Poster presented at Western Psychological Association Convention, Pasadena, CA.

Gonzales-Castaneda, R., McKay, J. R., Steinberg, J., Winters, K. C., Yu, C. H., & McCarthy, K. C. (2019, April). <u>Testing mediational processes of substance use relapse among youth who participated in a mobile health aftercare pilot</u>. Paper presented at Western Psychological Association Convention, Pasadena, CA.

Valenzuela, C., Awadallah, J., Reyes, N., Flores, V., Joseph, J., Brown, J., & Yu, C. H. (2019, March). <u>An investigation of the relationship between religiosity and substance abuse by big data analytics</u>. Paper presented at Big Data Discovery Summit, Azusa, CA.

Awadallah, J., Flores, V., Reyes, N., Joseph, J., Valenzuela, C., Brown, J., & Yu, C. H. (2018, November). An investigation of the inter-relationships between depression, social relationship, and intimate relationship. Paper presented at Southern California Conferences for Undergraduate Research, Pasadena, CA.

Valenzuela, C., Reyes, N., Brown, J., Joseph, J., Awadallah, J., Flores, V., & Yu, C. H. (2018, November). How Christian faith influences tobacco use amongst college students. Paper presented at Southern California Conferences for Undergraduate Research, Pasadena, CA.

Brown, J., Awadallah, J., Valenzuela, C., Reyes, N., Flores, V., Joseph, J., & Yu, C. H. (2018, November). Impact of sexual traumas on social and intimate relationships. Paper presented at Southern California Conferences for Undergraduate Research, Pasadena, CA.

Yu, C. H., Lee, H. S., Gan, S. Y., & Brown, E. (2018, September). Analyzing international assessments: An ensemble and model comparison approach. Invited presentation at Western Users of SAS Software Conference, Sacramento, CA.

Yu, C. H., Yung, A., Garcia, L., Reyes, M., Bernal, A., & Lee, H. (2018, April). Can rigorous training in math and science enhance creativity? A mixed-method approach. Paper presented at Western Psychological Association, Portland, OR.

Yu, C. H., Garcia, L., Reyes, M., Yung, A., Bernal, A., & Lee, H. (2018, April). The role of openness and problem-solving in math and science education. Paper presented at Western Psychological Association, Portland, OR.

Yu, C. H. (2018, January). Retrofit or predictive modeling? A critique of Concordism. Paper presented at Southern California Christians in Science Conference. Riverside, CA.

Reyes, M., Yu, C. H., Yung, A., Huang, L., Garcia, L., & Bernal, A. (2018, January). Acquisition of environmental science knowledge and the development of theological position between human and nature. Paper presented at Southern California Christians in Science Conference. Riverside, CA.

Bonney, L., & Yu, C. H. (2018, January). Sharing tacit knowledge for school improvement. Paper presented at International Congress for School Effectiveness and Improvement, Singapore.

Garcia, L., Preciado, C., Yung, A., Rivera, A. & Yu, C. H. (2017, November). A cross-cultural comparison of the relationship between motivation and performance in math and science. Paper presented at Southern California Conferences for Undergraduate Research, Pomona, CA.

Siyan, G., Lee, H. S., Brown, E., & Yu, C. H. (2017, November). The ensemble method and model comparison for predictive modeling with big data. Paper presented at Southern California Big Data Discovery Summit, Azusa, CA.

Ellingsworth, E., Woods, T., Yung, A., Fanget, J., & Yu. C. H. (2017, November). Big data analytics with neural networks and smoothing spline for international assessments. Paper presented at Southern California Big Data Discovery Summit, Azusa, CA.

Preciado, C., Rivera, A., Huang, L, Garcia, L., Yung, A., & Yu, C. H. (2017, November). Utilizing archival data for examining the relationship between hermeneutics and environmental awareness. Paper presented at Southern California Big Data Discovery Summit, Azusa, CA.

Yu, C. H. (2017, October). A cross-cultural comparison between US and Asia in math and science learning. Invited presentation at XIII International Conference on Social Sciences. Vienna, Austria.

Yu, C. H., & Cheung, K. T. (2017, October). Rethinking the Dworkinian forward-looking approach: is Affirmative Action compatible with fairness? Paper presented at XIII International Conference on Social Sciences. Vienna, Austria.

Yu, C. H., Brown, E., Lee, H. S., & Gan, S. (2017, September). Nonlinear modeling with big data in SAS and JMP. Paper presented at Western Users of SAS Software Conference, Long Beach, CA.

Huang, L., & Yu, C. H. (2017, July). The relevance of undergraduate education and climate change issues. Paper presented for American Scientific Affiliation Annual Meeting, Golden, CO.

Yu, C. H., Whitney, W., Brown, E., Gan, S., & Lee, H. S. (2017, April). Are Christians anti-science? An investigation of the relationship between attitudes towards Scripture and science. Paper presented at Southern California Christians in Science Conference, Riverside, CA.

Yu, C. H. (2017, April). <u>Does factor indeterminacy matter in multi-dimensional item response theory?</u> Paper presented at SAS Global Forum, Orlando, FL.

Brown, E., & Yu, C. H. (2017, April). <u>A qualitative approach to the unchurching phenomenon: Content and sentiment analyses</u>. Paper presented at the Western Psychological Association Convention. Sacramento, CA.

Ro, S., Chavez, S., Brown, E., & Yu, C. H. (2016, November). <u>Emotive and experiential factors of leaving the Christian faith and the Church</u>. Paper presented at the Southern California Conference for Undergraduate Research, Riverside, CA.

Brown, Lee, H. S., Gan, S., & Yu, C. H. (2016, November). <u>A cross-cultural comparison of adult skills: The ensemble approach</u>. Poster presented at the Southern California Conference for Undergraduate Research, Riverside, CA.

Yu, C. H. (2016, October). <u>Pattern recognition: The role of data visualization and data mining in statistics</u>. Invited presentation for International Conference on Distributions and Applications, Niagara Falls, ON, Canada.

Brown, E., Yu, C. H., Gan, S. Y., & Lee, H. S. (2016, September). <u>Examining the trilateral relationships between religiosity, attitudes towards science and education attainment: A partial least square approach</u>. Poster presented at Analytics Experience Conference, Las Vegas, NV.

Yu, C. H., Hui, H., Kriege, M., & Mather, N. (2016, April). <u>Why do college students give up Christianity? A mixed-method approach</u>. Paper presented at Western Psychological Association Conference, Long beach, CA.

Yu, C. H., & Lee, H. S. (2016, April). <u>Are religious faith and church attendance protective factors against casual sex?</u> Paper presented at Western Psychological Association Conference, Long beach, CA.

dela Cruz, F., & Yu, C. H. (2016, April). <u>A short acculturation scale for Filipino Americans: Factor structure in US-born sample.</u> Paper presented at 49th Annual Communicating Nursing Research Conference, Anaheim, CA.

Yu, C. H., Cole, J., Whitney, W., Kim, G. (2016, February). <u>Are we predisposed to believe in afterlife? Reexamining evolutionary psychology of religion</u>. Paper presented at Southern California Christians in Science Conference, Pasadena, CA.

Yu, C. H., & Setyan, K. (2015, December). <u>An investigation of the assimilation effect, the contrast effect, and autocorrelation in within-subject experimentation</u>. Paper presented at Designed Experiments: Recent Advances in Methods and Applications Conference, Sydney, Australia.

Yu, C. H., Trier, H., & Slama, M. (2015, October). <u>A data mining approach to examine the inter-relationships between subjective wellbeing, secularization and religiosity</u>. Poster presented at SAS Analytics Conference, Las Vegas, NV.

Trier, H., & Yu, C. H. (2015, October). *A big data analytic of the relationship between political orientation and attitudes toward science in 15 countries*. Poster presented at SAS Analytics Conference, Las Vegas, NV.

Yu, C. H., & Douglas, S., & Yu, A., (2015, September). <u>Illustrating preliminary procedures for multi-dimensional item response theory</u>. Paper presented at Western Users of SAS Software Conference, San Diego, CA.

Yu, C. H., Yu, A., & Douglas, S. (2015, September). <u>What can JMP do for you if hypothesis testing is banned?</u> Paper presented at JMP Discovery Summit, San Diego, CA.

Yu, C. H., Cole, J., Ramirez, A., & Gan, S. Y. (2014, May). <u>Examining developmental and religious differences in trait attributions to dead agents</u>. Paper presented at Western Psychological Association Conference, Las Vegas, NV.

Yu, C. H., Wong, G., Reimer, D., Yip, T., Yu, A., & Snijder, J-P. (2014, May). <u>Examining the relationships among secularization, religiosity, and subjective-objective wellbeing</u>. Paper presented at Western Psychological Association Conference, Las Vegas, NV.

Yu, A., & C. H. Yu. (2015, April). <u>The psychological benefit of learning probability as a complex, multitheoretical subject</u>. Poster presented at the 34th Southern Chapter of American Statistical Association Annual Applied Statistics Workshop, Long Beach, CA.

Shiao, S. P., Yu, C. H., Xie, C. C., Ho, S. M. (2014, February). Big Data analytics on common gene mutations in epigenetics methylation pathways: Population health issues for cancer prevention. Paper presented at the American Association of Cancer Research, Computational and Systems Biology of Cancer Conference, San Francisco, CA.

Yu, C. H. (2014, February). An examination of anti-creationism arguments in the perspective of hypothesis testing. Paper presented at Southern California Christians in Science Conference, Azusa, CA.

Yu, C. H, Wong, G., Reimer, D., Snijder, J-P., Yu, A., & Yip, T. (2014, February). Can statistical science be used to affirm the inverse relationship between Religiosity and social wellbeing? Paper presented at Southern California Christians in Science Conference, Azusa, CA.

Yu, C. H., & Wu, S. F. (2014, October). Teaching math and science as a logical system: Lessons from Asia. Paper presented at Asian Conference on Education, Osaka, Japan.

Yu, C. H., Hui, C. H., Lau, Y. Y., & Cheung, S. F. (2014, April). A typology of Christian believers according to the values they hold. Paper presented at 12th Annual Mid-Year Conference on Religion and Spirituality, La Mirada, CA.

Yu, C. H., & Hui, C. H. (2014, April). Identifying factors contributing to disengaged and deconverted Christians: A mixed method approach. Paper presented at 12th Annual Mid-Year Conference on Religion and Spirituality, La Mirada, CA.

Yu, C. H. (2014, January). Beyond randomness and pattern: Are Christian and scientific worldviews compatible? Paper presented at Southern California Christians in Science Conference, Azusa, CA.

Vaudrey, S., Vasseur, K., Tsai, A., & Yu, C. H. (2014, January). Work-life balance: An analysis of career aspiration, religiosity, and gender role ideology. Paper presented at Southern California Christians in Science Conference, Azusa, CA.

Apostolopoulos, Y., Sönmez, S., Wideman, L., Yu, C. H., Hege, A., Oberlin, D., Johnson, A. (2013, November). Paradigm shift in commercial driver sleep research: From reductionist approaches to complex adaptive systems. Paper presented at 21st Conference of International Commission on Occupational Health (ICOH): International Symposium on Shiftwork and Working Time. Bahia: Brazil.

Yu, C. H. (2013, October). Re-examining the interpretive framework of psychology of religion. Paper presented at Psychology and the Other Conference, Cambridge, MA.

Yu, C. H. (2013, March). Integrating text mining and content analysis in studying psychology of religion. Paper presented at Computer-Assisted Qualitative Data Analysis Conference, Marburg, Germany.

Yu, C. H. (2012, September). Blurring the line between confirmation and exploration: Model comparison of structural equation modeling in SAS. Paper presented at Western Users of SAS Software Conference, Long Beach, CA.

Yu, C. H. (2012, August). Are unconsciousness, physical tendency, and free will compatible? Paper presented at the 19th conference of the European Society for Philosophy of Religion, Soesterberg, Netherlands.

Yu, C. H. (2012, April). A cross-cultural study of the relationships among academic self-concept, instrumental motivation, instructional strategies, and TIMSS 2007 math/science scores. Paper presented at the Annual Meeting of American Educational Research Association, Vancouver, BC, Canada.

Yu, C. H. (2011, October). Principal component regression as a countermeasure against collinearity. Paper presented at Western Users of SAS Software Conference, San Francisco, CA.

Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2011, April). A time-lag analysis of the relationships among PISA scores, scientific research publication, and economic performance. Paper presented at Annual Meeting of American Educational Research Association, New Orleans, LA.

Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2011, April). Beyond using GDP for policy-making: An exploratory study of the relationship between PISA math/science test scores and national well-being. Paper presented at Annual Meeting of American Educational Research Association, New Orleans, LA.

Ziker, C., & Yu, C. H. (2011, March). Predictive power of Health Belief Model among high school students. Paper presented at American Association for Physical Activity and Recreation, San Diego, CA.

Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2010, August). An examination of reliability of text mining. Paper presented at Joint Statistical Meetings. Vancouver, BC, Canada.

Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2010, May). Comparing American and Canadian Grade 10 students in PISA science test performance using data mining. Paper presented at the Annual meeting of the American Educational Research Association, Denver, CO.

Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2010, April). Developing discovery-based training modules for science education using structural reporting and natural language processing in Wolfram Alpha. Paper presented at Technology, Colleges, and Community Worldwide Online Conference. Honolulu, HI.

Yu, C. H. (2010, April). Alternate research methodologies for non-statisticians. Microcomputer in Education Conference, Tempe, AZ

Brewer, L., Yu, C. H., Jannasch-Pennell, A., DiGangi, S., & Kaprolet, C. (2009, April). Adopting Web 2.0 for instruction: The effects of faculty rank and employment status. Paper presented at the Annual meeting of the American Educational Research Association, San Diego, CA.

Brewer, L., Yu, C. H., Jannasch-Pennell, A., Digangi, S., & Kaprolet, C. (2009, April). Faculty privacy and intellectual property concerns and Web 2.0 technologies. Paper presented the Annual meeting of the American Educational Research Association, San Diego, CA.

Yu, C. H., Brewer, L., Jannasch-Pennell, A., DiGangi, S., & Kaprolet, C. (2008, November). An across the institution approach for understanding perceptions of open source. Paper presented at WCET Conference, Phoenix, AZ.

Brewer, L., Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2008, October). Crafting a campus identity: First year students, residential life and social networking. Paper presented at the Annual Meeting of EDUCAUSE, Orlando, FL.

Yu, C. H., Jannasch-Pennell, A., DiGangi, S., & Kaprolet, C. (2008, August). An examination of the relationship between high school technological-oriented courses and college retention using regression modeling. Paper presented at the 2008 Joint Statistical Meeting, Denver, CO.

Brewer, L., kilic, Z., Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2008, May). Collaborative Web 2.0 tools in higher education: Faculty experience with Google Apps and Wikis. Paper presented at the Southwest Institute for Learning with Technology Conference, Flagstaff, AZ.

Yu, C. H., DiGangi, S., Jannasch-Pennell, A., & Kim, C. (2008, March). Profiling online students using data mining and data visualization. Paper presented at the Annual meeting of the American Educational Research Association. New York, NY

Yu, C. H., Jannasch-Pennell, A., DiGangi, S., Stay, V., & Moore, B. (2007, March). Open source applications for training teachers in developing assessment systems. Paper presented at the Annual meeting of the Society of Information Technology and Teacher Education, Las Vegas, NV.

Yu, C. H., DiGangi, S., Jannasch-Pennell, A., Kaprolet, C. (2007, March). A crossover study of learner attitude towards use of audio in multimedia-based tutorials. Paper presented at the Annual meeting of the Society of Information Technology and Teacher Education, Las Vegas, NV.

Yu, C. H., DiGangi, S., Jannasch-Pennell, A., & Gorin, J. (2007, October). A multidisciplinary approach to cognitive-based assessment. Paper presented at the Annual Meeting of EDUCAUSE. Seattle, WA.

Yu, C. H., Jannasch-Pennell, A., DiGangi, S., Kim, C., & Andrews, S. (2007, August). A data visualization/mining approach to response and non-response analysis in survey research. Paper presented at the 2007 Joint Statistical Meeting, Salt Lake City, UT.

Yu, C. H. (2007, April). Defending linearity and simplicity in the perspective of history of science. Paper presented at the Annual meeting of the American Educational Research Association, Chicago, IL.

Yu, C. H. (2007, April). Causation in quantitative research methodologies from Pearson to Glymour. Paper presented at the Annual meeting of the American Educational Research Association, Chicago, IL.

Yu, C. H. (2007, March). <u>No child left untested: Enhancing assessment by item banking.</u> Paper presented at the 2007 Microcomputer in Education Conference, Tempe, AZ.

Yu, C. H., DiGangi, S., Jannasch-Pennell, A., Lo, W. J., Kaprolet, C., & Kim, C. (2007, February). <u>A data mining approach to differentiate predictors of retention between online and traditional students.</u> Paper presented at the 2007 EDUCAUSE Southwest Regional Conference, Austin, TX.

Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2006, October). <u>Between automation and exploration: SAS graphing techniques for visualization of survey data.</u> Western Users of SAS Software Conference, Irvine, CA.

Yu, C. H. (2006, October). <u>Examples of data manipulation in SAS: Filling in "known" missing data.</u> Western Users of SAS Software Conference, Irvine, CA.

Yu, C. H., Freeman, R., Jannasch-Pennell, A., DiGangi, S., Kim, C., & Stay, V. (2006, August). <u>Interactive animation for learning Item Response Theory and misfit identification.</u> Paper presented at the Joint Statistical Meeting, Seattle, WA.

Yu, C. H., Jannasch-Pennell, A., Stay, V., DiGangi, S., Kim, C., Long L., Lo, W. J., Kilic, Z., Kang, S., & Freeman, R. (2006, July). <u>Multi-sensory cognitive learning as facilitated in a FLASH tutorial for Item Response Theory.</u> Paper presented at International Conference on Education and Information Systems, Technologies and Applications, Orlando, FL.

Yu, C. H. (2006, April). <u>Quantitative methodology in the perspectives of Abduction, Deduction, and Induction.</u> Paper presented at the Annual Meeting of American Educational Research Association, San Francisco, CA.

Yu, C. H. (2006, March). <u>Emerging research methodology of educational psychology and technology.</u> Paper presented at the 24th Annual Microcomputer in Education Conference, Tempe, AZ.

Kilic, Z., Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2006, February). Accessing <u>our research bibliographies online: Better or just different?"</u> Paper presented at the 2006 EDUCAUSE Southwest Regional Conference, Austin, TX.

Choi, H., Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2005, October). <u>"Human reasoning transcends computation": Re-examination of cognitive models from ACT to Bayes Net and their implications to educational psychology and technology.</u> Paper presented at Arizona Educational Research Organization Conference, Phoenix, AZ.

Yu, C. H., & Wong, J. W. (2005, March). <u>Visualize your invisible creativity: Empowerment by digital photography.</u> Paper presented the 23th Annual Microcomputer in Education Conference, Tempe, AZ.

Yu, C. H. (2004, August). <u>History of science and statistical education: Examples from Fisherian and Pearsonian schools.</u> Paper presented at the 2004 Joint Statistical Meeting, Toronto, Canada.

Yu, C. H. (2004, April). <u>Diversity of probabilistic inferences.</u> Paper presented at the Annual Meeting of American Educational Research Association, San Diego, CA.

Yu, C. H., & Wong, J. W. (2003, November). <u>Using SAS for classical item analysis and option analysis.</u> Paper presented at the 2003 Western Users of SAS Software conference, San Francisco, CA.

Yu, C. H. (2002, October). <u>Assumptions and interventions of probabilistic causal models.</u> Paper presented at the 2002 Annual Meeting of the Arizona Educational Research Association, Tempe, AZ.

Yu, C. H. (2002, September). <u>An overview of remedial tools for violations of parametric test assumptions in the SAS system.</u> Paper presented at the 2002 Western Users of SAS Software conference, San Diego, CA.

Yu, C. H. (2002, September). <u>Automation and visualization of distractor analysis using SAS/GRAPH.</u> Paper presented at the 2002 Western Users of SAS Software conference, San Diego, CA.

Yu, C. H. (2002, April). <u>A philosophical investigation of causal interpretation in structural equation models.</u> Paper presented at the Annual Meeting of the American Education Researcher Association SIG: Structural Equation Modeling, New Orleans, LA.

Stockford, S., Thompson, M., Lo, W. J., Chen, Y. H., Green, S., & Yu, C. H. (2001, October). <u>Confronting the statistical assumptions: New alternatives for comparing groups.</u> Paper presented at the Annual Meeting of the Arizona Educational Researcher Organization, Tempe, AZ.

Yu, C. H., & Ohlund, B. (2001, October). <u>An inquiry into the existence of theoretical distributions and its implication to educational & policy researchers.</u> Paper presented at the Annual Meeting of the Arizona Educational Researcher Organization, Tempe, AZ.

Apostolopoulos, Y., Sonmez, S., & Yu, C. H. (2001, October). <u>Health-risk behaviors of long haul truckers in the Southwest.</u> Paper presented at the Annual Meeting of the American Public Health Association, Atlanta, GA.

Yu, C. H., & Stockford, S. (2001, August). <u>Comparison of spatial- and temporal-oriented multi-dimensional visualization techniques.</u> Paper presented at the Joint Statistical Meetings, Atlanta, GA.

Yu, C. H., & Ho, W. J. (2001, August). <u>Using multimedia to visualize the concepts of degree of freedom, perfect-fitting, and over-fitting.</u> Paper presented at the Joint Statistical Meetings, Atlanta, GA.

Yu, C. H., & Ho, W. J. (2001, August). <u>Using multimedia to visualize relationships between ANOVA and regression.</u> Paper presented at the Joint Statistical Meetings, Atlanta, GA.

Yu, C. H. (2001, April). <u>An introduction to computing and interpreting Cronbach Coefficient Alpha in SAS.</u> Paper presented at the SAS User Group International Conference, Long Beach, CA.

Yu, C. H. (2001, April). <u>Misconceived relationships between logical positivism and quantitative methods.</u> Paper presented at the Annual Meeting of the American Educational Researcher Association, Seattle, WA.

Huston, D., & Yu, C. H. (2001, April). <u>Educational measurement and research in large-scale on-line instructional systems.</u> Paper presented at the Annual Meeting of the American Educational Researcher Association, Seattle, WA.

M., Roberts, Jannasch-Pennell, A., DiGangi, S. A., & Yu, C. H. (2001, April). <u>Growing pains, small successes and significant victories of a community-based reading program.</u> Paper presented at the Annual Conference of the National Association of School Psychologists.

Yu, C. H. (2001, January). <u>Strategies of research and evaluation in educational technology.</u> Paper presented at Teaching and Technology Conference, Tucson, AZ.

Miltiadou, M., & Yu, C. H. (2000, October). <u>Validation of the online technologies self-efficacy survey.</u> Paper presented at the Association for Educational Communications and Technology International Convention, Denver, CO.

Yu, C. H., Wijesuriya, R., DiGangi, S., Jannasch-Pennell, A., & Towill, L. (2000, October). <u>Collaborative design and implementation of a multimedia course in a large institution.</u> Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Denver, CO.

Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2000, September). <u>Using SAS for analyzing website traffic.</u> Paper presented at Western Users of SAS Software Conference, Scottsdale, AZ.

Yu, C. H. (2000, September). <u>An overview of remedial tools for collinearity in SAS.</u> Paper presented at the Western Users of SAS Software Conference, Scottsdale, AZ.

Yu, C. H. (2000, September). <u>Using SAS/Insight for exploratory data analysis and data visualization.</u> Paper presented at the Western Users of SAS Software Conference, Scottsdale, AZ.

Wasson, B., & Yu, C. H. (2000, August). <u>Developing online surveys.</u> Paper presented at Arizona Technology Conference, Mesa, AZ.

Yu, C. H., DiGangi, S., Jannasch-Pennell, A., Cohn, S., & Collins, C. (2000, April). <u>Gathering and scattering: A study of the relationship between mental modeling and problem solving.</u> Paper presented at the Annual Meeting of the American Educational Researcher Association, New Orleans, LA.

Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2000, April). <u>Using linear and interactive media in teaching intermediate statistics courses: A study of the relationship between knowledge nature and multimedia type.</u> Paper presented at the Annual Meeting of the American Educational Researcher Association, New Orleans, LA.

Yu, C. H., & Wasson, B. (2000, March). <u>Using Web-based databases for online tests, surveys, and reports.</u> Paper presented at 20th Annual Microcomputer in Education Conference, Tempe, AZ.

Yu, C. H., Ohlund, B., DiGangi, S., & Jannasch-Pennell, A. (2000, February). <u>Estimating the reliability of self-report data for Web-based instruction.</u> Paper presented at the Annual Meeting of the Association for Educational Communications and Technology, Long Beach, CA.

Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (1999, November). <u>Using Web-based linear movies and modularized slide shows for teaching statistics courses.</u> Paper presented at the Annual Meeting of the Society for Computer in Psychology, Los Angeles, CA.

DiGangi, S., Jannasch-Pennell, A., & Yu, C. H. (1999, November). <u>Using online intelligent assessment tools for Multilevel Academic Skills Inventory.</u> Paper presented at the Annual Meeting of the Society for Computer in Psychology, Los Angeles, CA.

Yu, C. H., Ohlund, B., Winograd, D., Andrews, S., DiGangi, S., & Jannasch-Pennell, A. (1999, August). <u>Incoherence and the parametric test framework: Misconceived relationships among sample, sampling distribution, and population.</u> Paper presented at 1999 Joint Statistical Meeting, Baltimore, MD.

Yu, C. H., DiGangi, S., Winograd, D., Jannasch-Pennell, A., Ohlund, B., & Andrews, S. (1999, August). <u>Circular dependency on treatment effectiveness study, instrument validation, and performance appraisal.</u> Paper presented at 1999 Joint Statistical Meeting, Baltimore, MD.

Ohlund, B., Jannasch-Pennell, A., DiGangi, S., Andrews, S., & Yu, C. H. (1999, June). <u>An analysis of web-based communications and collaboration among K-12 educators.</u> Paper presented at Ed-Media 99--World Conference on Educational Multimedia, Hypermedia and Telecommunications, Seattle, WA.

Ohlund, B., Andrews, S., Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (1999, April). <u>Impact of asynchronous and synchronous Web-based communication on collaboration and performance among K-12 teachers.</u> Paper presented at the Annual Meeting of the American Educational Researcher Association. Montreal, QB, Canada.

Irvine, S., Jannasch-Pennell, A., DiGangi, S.A., & Yu, C. H. (1999, April). <u>Viability of the digital portfolio as an evaluation tool in K-6 education.</u> Paper presented at the Annual Meeting of the American Educational Researcher Association, Montreal, QB, Canada.

Yu, C. H. (1999, March). <u>Web-enabled databases.</u> Paper presented at Microcomputer in Education Conference, Tempe, AZ.

Yu, C. H., Winograd, D., DiGangi, S., Wasson, B., Jannasch-Pennell, A., & Andrews, S. (1999, February). <u>Using Web-enabled databases for online instruction.</u> Paper presented at the Annual Meeting of American Educational Communications and Technology, Houston, TX.

Andrews, S., Winograd, D., DiGangi, S., Jannasch-Pennell, A., & Yu, C. H. (1999, February). <u>Designing online instruction using multidisciplinary approaches.</u> Paper presented at the Annual Meeting of American Educational Communications and Technology, Houston, TX.

Jannasch-Pennell, A., DiGangi, S., Yu, C. H., Andrews, S., & Babb, J. (1999, February). <u>Impact of instructional grouping on navigation and student learning in a Web-based learning environment.</u> Paper presented at the Annual Meeting of American Educational Communications and Technology, Houston, TX.

Yu, C. H., Winograd, D., Andrews, S., DiGangi, S., & Jannasch, A. (1998, August). <u>Visualizing collinearity, VIF, and orthogonalization in subject space.</u> Paper presented at the Joint Statistical Meeting of American Statistical Association, Dallas, TX.

Yu, C. H., Andrews, S., Winograd, D., Jannasch, A., & DiGangi, S. (1998, August). <u>Visualizing factor analysis in variable space and subject space.</u> Paper presented at the Joint Statistical Meeting of American Statistical Association, Dallas, TX.

Andrews, S., Yu, C. H., Winograd, D., & Jannasch, A. (1998, March). <u>Animated biplot for factor analysis in hyperspace.</u> Paper presented at Western Statistics Teacher Conference, Colorado Springs, CO.

Winograd, D., Yu, C. H., Andrews, S., & DiGangi, S. (1998, March). <u>Visualizing collinearity in regression analysis.</u> Paper presented at Western Statistics Teacher Conference, Colorado Springs, CO.

Yu, C. H., Huston, D., Dugan, J., & Behrens, J. T. (1996, August). Multivariate graphics are useful (When used appropriately). Paper presented at the Annual Meeting of American Psychological Society, San Francisco, CA.

Yu, C. H., Huston, D., Dugan, J., & Behrens, J. T. (1996, April). Bring the world into the classroom with internet resources. Paper presented at the Annual Meeting of American Educational Researcher Association.

Yarbrough, B. C., & Yu, C. H. (1996, February). Making statistics visually meaningful. Paper presented at the Annual Meeting of American Educational Communications and Technology, Indianapolis, IN.

Yu, C. H., & Behrens, J. T. (1995, November). The alignment framework for data visualization: Relationships among research goals, data type, and multivariate visualization techniques. Paper presented at the Annual Meeting of the Society for Computer in Psychology, Los Angeles, CA.

Yu, C. H., & Behrens, J. T. (1995, August). One-stop internet for statistical education. Paper presented at the Annual Meeting of the American Statistical Association, Orlando, FL.

Behrens, J. T., Yu, C. H., & Rowe, W. (1995, August). Meta-analysis of White Racial Identity Attitude Scale (RIAS-W). Paper presented at the Annual Meeting of the American Psychological Association., New York, NY.

Yu, C. H., Anthony, S., & Behrens, J. T. (1995, April). Identification of misconceptions in learning central limit theorem and evaluation of computer-based instruction as a remedial tool. Paper presented at the Annual Meeting of the American Educational Researcher Association, San Francisco, CA.

Yu, C. H., & Behrens, J. T. (1994, November). Improving the interpretability of research results through multivariate visualization. Paper presented at the Annual Meeting of the Society for Computer in Psychology, St. Louis, MO.

Yu, C. H., Behrens, J. T., Curda, S. K., & Baharestani, H. (1994, August). Identification of misconceptions concerning statistical power with dynamic graphics as a remedial tool. Paper presented at the Annual Meeting of the American Statistical Association, Toronto, Ontario, Canada.

Behrens, J. T. & Yu, C. H. (1994, June). The visualization of multi-way interactions and high-order terms in multiple regression. Paper presented at the Annual Meeting of the Psychometric Society, Urbana-Champaign, IL.

Yu, C. H. (1994, April). Induction? Deduction? Abduction? Is there a logic of EDA? Paper presented at the Annual Meeting of American Educational Researcher Association, New Orleans, LA. (ERIC Document Reproduction Service No. ED 376 173)

Behrens, J. T., Yu, C. H., & Pensabene, T. (1993, April). Addressing misconceptions in learning power analysis. Paper presented at the Annual Meeting of the American Educational Researcher Association, Atlanta, GA.

Marcus-Mendoza, S., Sargent, E., & Yu, C. H. (1993, August). Incidence of abuse among female inmates in Oklahoma. Paper presented at the Annual Meeting of the American Psychological Association, Toronto, Ontario, Canada.

Yu, C. H. (1992, November). Motivational variables and computer simulation for teaching correlation and regression. Paper presented at the Annual Meeting of the Rocky Mountain Educational Research Association, Stillwater, OK.

**Ad hoc peer reviewer/Peer review board**

Applied Psychological Measurement
Behavior Research Methods
Bentham Science Publishers
Cypriot Journal of Educational Sciences
Ecological Indicators
Educational Psychology
Educational Researcher
IEEE Visualization
International Conference for Education and Information Systems, Technologies and Applications
International Conference on Society and Information Technologies
International Congress on Advanced Applied Informatics

International Journal of Human Computer Studies
International Journal of Quantitative Methods in Education
International Multi-Conference on Society, Cybernetics and Informatics
International Symposium on Peer Reviewing
International Symposium on Social and Organizational Informatics & Cybernetics
Journal of Data Science
Journal of Education Computing Research
Journal of Psychology and Theology
Journal of Statistical Distributions and Applications
Journal of Statistic Education
Oxford University Press
PLOS ONE
Philosophical Papers and Reviews
Review of Educational Research
Sage Open Journal
Sage Publication
Scientific Reports
Social and Organizational Informatics and Cybernetics
Social Indicators Research
Statistics in Medicine

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## Awards

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| 2021 | Distinguished SAS Educator Award (SAS Institute, Cary, NC) |
| 2020 | Undergraduate Scholarly Achievement Award (Azusa Pacific University, Azusa, CA) |
| 2019 | Mentoring: Student Undergraduate Research Experience (SURE) Award (Azusa Pacific University, Azusa, CA). |
| 2019 | Best paper award 2018 in Journal of Personalized Medicine. |
| 2017 | Best paper in Big Data and Data Science of WUSS Conference (Long Beach, CA) |
| 2017 | Faculty Scholarship for 2017 Western Users of SAS Software Conference (WUSS, Long Beach, CA) |
| 2017 | SAS Faculty Scholarship for 2017 SAS Global Forum (SAS Institute, Cary, NC) |
| 2016 | Faculty Research Council Grant (Faculty Research Council, Azusa Pacific University) |
| 2016 | SAS Faculty Scholarship for 2016 SAS Global Forum (SAS Institute, Cary, NC) |
| 2016 | Co-investigator: Evaluation of the Native-speaking English Teacher Scheme in Secondary Schools (Education Bureau, Hong Kong) |
| 2015 | First Prize of Poster Contest at the 34th Southern Chapter of American Statistical Association Annual Applied Statistics Meeting |
| 2015 | Co-investigator: Genomics and Bioinformatics: Colorectal Cancer Family Epigenetic Study Program (Faculty Research Council, Azusa Pacific University) |
| 2014 | Co-investigator: Evaluation of the Native-speaking English Teacher Scheme in Primary Schools (Education Bureau, Hong Kong) |
| 2013 | Faculty Research Council Grant (Faculty Research Council, Azusa Pacific University) |
| 2000 | Mentorship Appreciation Award for Preparing Future Faculty Program (Graduate College, Arizona State University) |
| 1991 | Award for Outstanding Academic-Related Activities (Human Relations, University of Oklahoma, OK) |
| 1990 | International Student Leadership and Service Ward (International Student Association, Hamline University, MN) |