

## PUBLICATIONS

An article written by Dr. George Hanshaw, Office of Innovative Teaching and Technology, and Dr. Janet Hanson, Department of Educational Leadership, was published in a journal.

**Hanshaw, G., & Hanson, J.** (2018, July). A mixed methods study of leaders' perceptions of microlearning for professional development on the job. *International Journal of Learning and Development*, 8(3), 1-21.

### Abstract:

This study investigated the use of mobile microlearning, supported with social learning strategies, and its perceived usefulness as a delivery mode for professional development on the job. The use of computer-mediated communication and microlearning have been explored in educational settings. This study expanded the context to managers and leaders in the aerospace industry (n=15) and healthcare professions (n=20). Data was collected using a self-developed, semi-structured interview protocol and Likert-style survey. A professional development training, using the Graphical Inventory of Ethical Leadership (GIEL) survey tool, was delivered to participants' mobile devices. Six themes emerged from the inductive analyses of the participants' responses including: the flexible delivery saves time, maintains leader's presence on the job, builds team cohesiveness, meets the leaders' needs for personalizing delivery of the PD/understanding their employees' learning needs, provides individuals with a voice in the selection of learning opportunities, and the absence of participants' stated concerns over the use of technology. Conclusions, models for understanding the concepts, and implications for practice are provided.

An article written by Dr. Cynthia McKnight and Dr. Jennifer Livingston, Department of Kinesiology, was published in a journal.

**McKnight, C., & Livingston, J.** (2018, July). Spiritual care perspectives of student athletes. *Journal of Religion and Health*, 1-15. Retrieved from <https://rdcu.be/3Da8>

An article by Dr. BJ Oropeza, Department of Biblical and Religious Studies, was published in a journal.

**Oropeza, B. J.** (2018, July). Rhetography: Seeing biblical texts through visual exegesis. *Didaktikos*, 2(1), 37-38.

An article written by Dr. Windy Counsell Petrie, Chair, Department of English, was published in a journal.

**Petrie, W. C.** (2018). Edna Ferber, 1885-1968. *American Writers* (29), 31-47.

A book written by Dr. Arlene Sánchez Walsh, Department of Biblical and Religious Studies, was published.

**Sánchez Walsh, A. M.** (2018, June). *Pentecostals in America*. New York, NY: Columbia University Press.

A special issue of a journal edited by Dr. Laurie Schreiner, Chair, Department of Higher Education, was published.

**Schreiner, L. A.** (Ed.). (2018, August). Sophomore success: Making the most of the second year. *New Directions in Higher Education*, 2018(183), 1-112.

An article written by Dr. Laurie Schreiner, Chair, Department of Higher Education, was published in a journal.

**Schreiner, L. A.** (2018, August). Thriving in the second year of college: Pathways to success. *New Directions in Higher Education*, 2018(183), 9-21. doi:10.1002/he.20289

Abstract:

This chapter defines thriving as a holistic definition of student success that forms the desired outcome of the sophomore year, highlighting the pathways that contribute to thriving and how those differ among students of color.

Two articles written by Dr. Laurie Schreiner, Chair, Department of Higher Education, and colleagues was published in a journal.

**Schreiner, L. A., & Tobolowsky, B. F.** (2018, August). The role of faculty in sophomore success. *New Directions in Higher Education*, 2018(183), 59-70. doi:10.1002/he.20293

Abstract:

The vital role faculty play as learning facilitators, advisors, and mentors is pivotal to sophomore success. This chapter outlines ways in which faculty can be more effective in their role during the second year of college.

**Schreiner, L. A., Schaller, M. A., & Young, D. G.** (2018, August). Future directions for enhancing sophomore success. *New Directions in Higher Education*, 2018(183), 109-112. doi:10.1002/he.20297

Abstract:

This chapter summarizes the recommendations from this volume and provides suggestions for future research and next steps in improving the sophomore-year experience.

An article written by Dr. Chong Ho (Alex) Yu, Department of Psychology, and colleagues was published in a journal.

Shiao, S. P. K., Grayson, J., & Yu, C. H. (2018, August). Gene-metabolite interaction in the one carbon metabolism pathway: Predictors of colorectal cancer in multi-ethnic families. *Journal of Personalized Medicine*, 8(3), 26. Retrieved from <http://www.mdpi.com/2075-4426/8/3/26>

Abstract:

For personalized healthcare, the purpose of this study was to examine the key genes and metabolites in the one-carbon metabolism (OCM) pathway and their interactions as predictors of colorectal cancer (CRC) in multi-ethnic families. In this proof-of-concept study, we included a total of 30 participants, 15 CRC cases and 15 matched family/friends representing major ethnic groups in southern California. Analytics based on supervised machine learning were applied, with the target variable being specified as cancer, including the ensemble method and generalized regression (GR) prediction. Elastic Net with Akaike's Information Criterion with correction (AICc) and Leave-One-Out cross validation GR methods were used to validate the results for enhanced optimality, prediction, and reproducibility. The results revealed that despite some family members sharing genetic heritage, the CRC group had greater combined gene polymorphism-mutations than the family controls ( $p < 0.1$ ) for five genes including MTHFR C677T, MTHFR A1298C, MTR A2756G, MTRR A66G, and DHFR 19bp. Blood metabolites including homocysteine (7  $\mu\text{mol/L}$ ), methyl-folate (40  $\text{nmol/L}$ ) with total gene mutations ( $\geq 4$ ); age (51 years) and vegetable intake (2 cups), and interactions of gene mutations and methylmalonic acid (MMA) (400  $\text{nmol/L}$ ) were significant predictors (all  $p < 0.0001$ ) using the AICc. The results were validated by a 3% misclassification rate, AICc of 26, and >99% area under the receiver operating characteristic curve. These results point to the important roles of blood metabolites as potential markers in the prevention of CRC. Future intervention studies can be designed to target the ways to mitigate the enzyme-metabolite deficiencies in the OCM pathway to prevent cancer.

A book review by Dr. Matthew Smith, Department of English, was published in a journal.

Smith, M. J. (2018, August). [Review of book *Of Levinas and Shakespeare: To see another thus*, by M. Gold, S. Goodhart & K. Lehnhof (Eds.)]. *Shakespeare*. Retrieved from <https://www.tandfonline.com/doi/full/10.1080/17450918.2018.1502804>

An article written by Chong Ho (Alex) Yu, Department of Psychology, was published in a journal.

Tsoi, E., Tse, S., Yu, C. H., Chan, S. K., Wan, E., Wong, S., & Lui, L. (2018). A nonrandomized controlled trial of the strengths model case management in Hong Kong. *Research on Social Work Practice*. doi:10.1177/1049731518772142

Abstract:

This study evaluates the effectiveness of the strengths model of case management (SMCM) for people with severe mental illness in Hong Kong. This is the first controlled trial outside the United States to investigate the impacts of SMCM on caseworkers as well as service users alongside fidelity measures. Service users and their caseworkers were recruited from three types of supported accommodation for this 12-month nonrandomized controlled trial. Mixed modeling was used to investigate within-subject differences. Results indicated that SMCM was effective in helping users progress toward their recovery goals and in alleviating emotional exhaustion among caseworkers. However, it was ineffective in improving, hope, well-being, work alliance, and psychiatric symptoms. High intervention fidelity was associated with positive outcomes. Conceptually, SMCM has the potential to improve service users' functional but not personal recovery. It is also potentially conducive to the well-being of caseworkers.

Two chapters written by Dr. Rico Vitz, Chair, Department of Philosophy, were published in a book.

**Vitz, R.** (2018, June). Character, culture, and humean virtue ethics: Insights from situationism and Confucianism. In R. Vitz & P. A. Reed (Eds.), *Hume's moral philosophy and contemporary psychology* (pp. 91-114). New York, NY: Routledge.

**Vitz, R.** (2018, June). Hume's moral philosophy and contemporary psychology: Future directions. In R. Vitz & P. A. Reed (Eds.), *Hume's moral philosophy and contemporary psychology* (pp. 334-344). New York, NY: Routledge.

A book edited by Dr. Rico Vitz, Chair, Department of Philosophy, and a colleague was published.

**Vitz, R., & Reed, P. A.** (Eds.). (2018, June). *Hume's moral philosophy and contemporary psychology*. New York, NY: Routledge.

A book written by Dr. Steve Wilkens, Department of Philosophy, and a colleague was published.

**Wilkens, S., & Padgett, A. G.** (2018, August). *Introduction to philosophy: Christianity and the big questions*. Waco, TX: Baylor University Press.

A book edited by Dr. Mary Wong, Director of Field-based TESOL Programs, Department of Global Studies, Sociology, & TESOL, and a colleague was published.

**Wong, M. S., & Mahboob, A.** (Eds.). (2018). *Spirituality & English language teaching: Religious explorations of teacher identity, pedagogy, and context*. Bristol, UK: Multilingual Matters.

Abstract:

*Spirituality and English Language Teaching: Religious Explorations of Teacher Identity, Pedagogy, and Context* is the first book that intentionally seeks out contributions from authors of multiple diverse religious backgrounds to explore the role of Spirituality in English language teaching. It arises from the discussion in *Christian and Critical English Language Educators in Dialogue: Pedagogical and Ethical Dilemmas* (Wong and Canagarajah, 2009), which sought to establish a dialogue among English language practitioners around the dilemmas of the intersections of religion (mostly Christian) and ELT. It builds upon the research in *Christian Faith and English Language Teaching and Learning: Research on the Interrelationship of Religion and ELT*, (Wong, Kristjánsson, and Dörnyei, 2013), which discussed ten empirical studies of the intersections of Christianity and ELT. This present volume enlarges the conversation and includes Muslim, Buddhist, Hindu, Christian, non-religious, and other perspectives exploring how religious faith impacts teacher identity and pedagogy and the teaching context and content. This anthology contains chapters that describe both data-driven studies and reflective accounts, representing a diversity of experiences and perspectives that develop discussions on the philosophies, purposes, practices, material and theories of the interrelationship of religious faith and language learning and teaching.

A chapter written by Dr. Mary Wong, Director of Field-based TESOL Programs, Department of Global Studies, Sociology, & TESOL, was published in a book.

**Wong, M. S.** (2018). The dangers and delights of teacher spiritual identity as pedagogy. In M. S. Wong & A. Mahboob (Eds.), *Spirituality & language teaching: Religious explorations of teacher identity, pedagogy, context, and content* (pp. 15-31). Bristol, UK: Multilingual Matters.

An introduction written by Dr. Mary Wong, Director of Field-based TESOL Programs, Department of Global Studies, Sociology, & TESOL, was published in a book.

**Wong, M. S.** (2018). Introduction: Why a book on spirituality and language teaching? In M. S. Wong & A. Mahboob (Eds.), *Spirituality & language teaching: Religious explorations of teacher identity, pedagogy, context, and content* (pp. 1-14). Bristol, UK: Multilingual Matters.

Two articles written by Dr. Robert Mullins, Department of Biblical and Religious Studies, and colleagues were published in journals.

Yahalom-Mack, Y., Panitz-Cohen, N., & **Mullins, R. A.** (2018, July). Tel Abel Beth Maacah: A city and a mother in the finger of Galilee (in Hebrew), *Qadmoniot*, 51(155), 18-31.

Yahalom-Mack, N., Panitz-Cohen, N., & **Mullins, R. A.** (2018, June). From fortified Canaanite city-state to a city and a mother in Israel, *Near Eastern Archaeology*, 81(2), 145-156.

An article written by Dr. Chong Ho (Alex) Yu, Department of Psychology, and colleagues was published in a journal.

Yang, H. L., Yang, Y. L., Yu, C. H., & Shiao, S. P. K. (2018, August). Meta-prediction of MTHFR gene polymorphism and air pollution on the risks of congenital heart defects worldwide: A trans-generational analysis. *International Journal of Environmental Research and Public Health* 15(8), 1660. doi:10.3390/ijerph15081660.

**Abstract:**

Congenital heart disease (CHD) is the leading cause of death in children, and is affected by genetic and environmental factors. To investigate the association of air pollution with methylene-tetrahydrofolate reductase (MTHFR) polymorphisms and the risk of CHD, we included 58 study groups of children and parents, with 12,347 cases and 18,106 controls worldwide. Both MTHFR C677T (rs 1801133) and A1298C (rs 1801131) gene polymorphisms were risks for CHD in children with transgenerational effects from their parents. Countries with greater risks of CHD with a pooled risk ratio (RR) > 2 from MTHFR 677 polymorphisms included Germany, Portugal, China, and Egypt for children; and Brazil, Puerto Rico, Mexico, China, and Egypt for mothers. Whereas, countries with greater risk of CHD with RR > 2 from MTHFR 1298 polymorphisms included Taiwan, Turkey, and Egypt for children; and Brazil, China, and Egypt for mothers. Additionally, meta-prediction analysis revealed that the percentages of MTHFR 677TT and TT plus CT polymorphisms together were increased in countries with higher levels of air pollution, with a trend of increased CHD risks with higher levels of air pollution for children ( $p = 0.07$ ). Our findings may have significant implications for inflammatory pathways in association with MTHFR polymorphisms and future intervention studies to correct for folate-related enzyme deficits resulted from MTHFR polymorphisms to prevent CHDs for future generations.

## PRESENTATIONS

A presentation by Dr. Rico Vitz, Chair, Department of Philosophy, was shared at a national conference.

**Vitz, R.** (2018, May). *Merciful hearts and passionate souls*. Paper presented at the Life with God Conference, Dallas Willard Center, Westmont College, Santa Barbara, CA.

A presentation by Dr. Rico Vitz, Chair, Department of Philosophy, was shared at an international conference.

**Vitz, R.** (2018, August). *Character, culture, and humane virtue ethics: Insights from situationism and confucianism*. Paper presented at the XXIV World Congress of Philosophy: Learning to Be Human Conference, Beijing, China.

## PERFORMANCES

Several piano recitals were performed by Dr. Eugene Alcalay, School of Music, in various locations.

**Alcalay, E.** (2018, May). [Piano recital], Tustin Concert Series, Tustin, CA.

**Alcalay, E.** (2018, May). [Piano recital], Basel Hauskonzert Series, Basel, Switzerland.

**Alcalay, E.** (2018, May). [Piano recital], Shandong Theater, Jinan, Shandong, China.

**Alcalay, E.** (2018, May). [Piano recital], Weifang, Shandong province, China.

**Alcalay, E.** (2018, May). [Piano recital], Nanchang Normal University Dept. of Music, Nanchang, China.

**Alcalay, E.** (2018, May). [Piano recital], Henri Coanda Hall, National Cultural Palace, Iasi, Romania.

**Alcalay, E.** (2018, May). [Piano recital], Targ Concert Hall, Buchmann-Mehta School of Music, Tel Aviv Academy, Tel Aviv Israel.

**Alcalay, E.** (2018, June). [Faculty piano solo recital], MasterWorks Summer Music Festival, Converse College, Spartanburg, SC.

**Alcalay, E.** (2018, July). [Piano recital], Beethoven Piano Society of Europe Series, St. James's Piccadilly, London.

**Alcalay, E.** (2018, July). [Piano recital], Vienna--Cultural Capital of Europe, Muzyczny Five o'Clock Series, Casino Palace, Podkowa Leśna, Warsaw, Poland.

**Alcalay, E.** (2018, July). [Piano recital], Vienna - Cultural Capital of Europe, Prom Kultury Series, Prom Kultury Saska Kępa Hall, Warsaw, Poland.

Music was performed by Dr. Eugene Alcalay, School of Music, at a music festival.

**Alcalay, E.** (2018, June). [Chamber music performances in faculty concerts], MasterWorks Summer Music Festival, Converse College, Spartanburg, SC.

### **EXPERTISE SHARED**

The expertise of Dr. Eugene Alcalay, School of Music, was shared in courses/classes.

**Alcalay, E.** (2018, May). [Piano master class], Nanchang Normal University Dept. of Music, Nanchang, China.

**Alcalay, E.** (2018, May). [International master course of artistic interpretation], One week piano master course, Octav Bancila National College of the Arts, Iasi, Romania.

**Alcalay, E.** (2018, May). [Piano master class], Buchmann-Mehta School of Music, Tel Aviv Academy, Tel Aviv, Israel.

The expertise of Dr. Eugene Alcalay, School of Music, was shared at a music festival.

**Alcalay, E.** (2018, June). [Piano faculty member], MasterWorks Summer Music Festival, Converse College, Spartanburg, SC.

**Alcalay, E.** (2018, June). [Piano lessons], MasterWorks Summer Music Festival, Converse College, Spartanburg, SC.

**Alcalay, E.** (2018, June). [Piano master classes], MasterWorks Summer Music Festival, Converse College, Spartanburg, SC.

**Alcalay, E.** (2018, June). [Chamber music coaching], MasterWorks Summer Music Festival, Converse College, Spartanburg, SC.

The expertise of Dr. Don Thorsen, Azusa Pacific Seminary, was shared as an invited lecturer.

**Thorsen, D.** (2018, July). *The presence of God: A Christian perspective*. Invited lecture presented at The National Buddhist-Christian Dialogue, Convened by the National Council of Churches, His Lai Temple, University of the West, Claremont School of Theology, and The Guibord Center, Los Angeles, CA.

## APPOINTMENT

Dr. B. J. Oropeza, Department of Biblical and Religious Studies, was appointed membership to an international society.

**Oropeza, B. J.** (2018, August). [Selected member], Studiorum Novi Testamenti Societas (SNTS), United Kingdom.



Azusa Pacific University  
***Faculty Scholarship Updates***

July 27, 2018

*Vol. XIII* (19)

**PUBLICATIONS**

A chapter written by Dr. Tony Baron, Director, APU Seminary (San Diego), was published.

**Baron, T.** (2018). Dallas Willard: The smartest man I ever met. (Part four: Exemplars of servant leadership). In K. Blanchard & R. Broadwell (Eds.), *Servant leadership in action* (pp. 229-230). Oakland, CA: Barrett-Koehler Publishers.

An article written by Dr. Chong Ho (Alex) Yu, Department of Psychology, and colleagues was published in a journal.

Chen, Z. F., Young, L., **Yu, C. H.**, & Shiao, S. P. K. (2018, July). A meta-prediction of methylenetetrahydrofolate-reductase polymorphisms and air pollution increased the risk of ischemic heart diseases worldwide. *International Journal of Environmental Research and Public Health*, 15(7), 1453. Retrieved from <http://www.mdpi.com/1660-4601/15/7/1453>

**Abstract:**

Ischemic heart disease (IHD) is among the leading causes of death worldwide. Methylenetetrahydrofolate reductase (MTHFR) polymorphisms have been associated with IHD risk, but the findings presented with heterogeneity. The purpose of the present meta-analysis was to provide an updated evaluation by integrating machine-learning based analytics to examine the potential source of heterogeneity on the associations between MTHFR polymorphisms and the risk of various subtypes of IHD, as well as the possible impact of air pollution on MTHFR polymorphisms and IHD risks. A comprehensive search of various databases was conducted to locate 123 studies (29,697 cases and 31,028 controls) for MTHFR C677T, and 18 studies (7158 cases and 5482 controls) for MTHFR A1298C. Overall, MTHFR 677 polymorphisms were risks for IHD (TT: Risk ratio (RR) = 1.23,  $p < 0.0001$ ; CT: RR = 1.04,  $p = 0.0028$ , and TT plus CT: RR = 1.09,  $p < 0.0001$ ). In contrast, MTHFR 677 CC wildtype was protective against IHD (RR = 0.91,  $p < 0.00001$ ) for overall populations. Three countries with elevated IHD risks from MTHFR C677T polymorphism with RR >2 included India, Turkey, and Tunisia. Meta-predictive analysis revealed that increased air pollution was associated with increased MTHFR 677 TT and CT polymorphisms in both the case and control group ( $p < 0.05$ ), with the trend of increased IHD risk resulting from increased air pollution. These results associate the potential inflammatory pathway with air pollution and the folate pathway with MTHFR polymorphism. Future intervention studies can be designed to mitigate MTHFR enzyme deficiencies resulting from gene polymorphisms to prevent IHDs for at-risk populations.

A book review written by Dr. Diane Guido, Vice Provost, Research Integrity Officer, was published in a journal.

**Guido, D.** (2018, July). [Review of the book *Black German: An Afro-German life in the twentieth century*, by T. Michael, translated by E. Rosenhaft]. *Translation and Literature*, 27(2), 262-266.

A book edited by Dr. Mihretu Guta, Adjunct, Department of Philosophy, was published.

**Guta, M. P.** (Ed.). (2018, July). *Consciousness and the ontology of properties*. New York, NY: Routledge.

Abstract:

This book aims to show the centrality of a proper ontology of properties in thinking about consciousness. Philosophers have long grappled with what is now known as the hard problem of consciousness, i.e., how can subjective or qualitative features of our experience—such as how a strawberry tastes—arise from brain states? More recently, philosophers have incorporated what seems like promising empirical research from neuroscience and cognitive psychology in an attempt to bridge the gap between measurable mental states on the one hand, and phenomenal qualities on the other. In *Consciousness and the Ontology of Properties*, many of the leading philosophers working on this issue, as well as a few emerging scholars, have written 14 new essays on this problem. The essays address topics as diverse as substance dualism, mental causation, the metaphysics of artificial intelligence, the logic of conceivability, constitution, extended minds, the emergence of consciousness, and neuroscience and the unity and neural correlates of consciousness, but are nonetheless unified in a collective objective: the need for a proper ontology of properties to understand the hard problem of consciousness, both on non-empirical and empirical grounds.

A book written by Dr. Mihretu Guta, Adjunct, Department of Philosophy, was published.

**Guta, M. P.** (2018). *God's question and other essays*. Addis Ababa, Ethiopia: SIM Press.

Abstract:

The book presents a concise discussion on the theory of knowledge, apologetics, postmodernism, the person of Christ, the importance and role of philosophy, the problem of evil, the theology of worship, work ethics and the misuse of quantum mechanics.

A book review by Dr. Mihretu Guta, Adjunct, Department of Philosophy, was published in a journal.

**Guta, M. P.** (2018, April). [Review of the book *The problem of universals in contemporary philosophy*, by G. Galluzo & M. J. Loux (Eds.)]. *The Philosophical Quarterly*, 68(271), 417-419.

Two articles written by Dr. Mihretu Guta, Adjunct, Department of Philosophy, were published in encyclopedias.

**Guta, M. P.** (2018, May). Jehovah's witnesses. *The encyclopedia of Christianity in the global south, volume 1*, (pp. 415-417). Lanham, MD: Rowman & Littlefield Publishers.

**Guta, M. P.** (2018, May). Zoroastrianism and Christianity. *The encyclopedia of Christianity in the global south, volume 2*, (pp. 879-881). Lanham, MD: Rowman & Littlefield Publishers.

A chapter written by Dr. Mihretu Guta, Adjunct, Department of Philosophy, was published in a book.

**Guta, M. P.** (2018, July). The non-causal account of the spontaneous emergence of the phenomenal consciousness. In M. Guta (Ed.), *Consciousness and the ontology of properties* (pp. 1-12). New York, NY: Routledge.

An introduction by Dr. Mihretu Guta, Adjunct, Department of Philosophy, was published in a book.

**Guta, M. P.** (2018, July). Introduction. In M. Guta (Ed.), *Consciousness and the ontology of properties* (pp. 1-12). New York, NY: Routledge.

An article written by Dr. Catherine Heinlein, School of Nursing, and Dr. Cheryl Westlake, School of Nursing, was published in a journal.

**Heinlein, C. R., & Westlake, C.** (2018). Service learning teaches caring and compassion. *Nightingale Nursing Times, 14*(4), 26-29.

An article by Dr. Samuel Sambasivam, Department of Engineering and Computer Science, and colleagues was published in a journal.

McMaster, K., **Sambasivan, S.**, Rague, B., & Wolthuis, S. L. (2018, June). A data science enhanced framework for computational math. *Issues in Informing Science and Information Technology, 15*, 191-206. Retrieved from <https://doi.org/10.28945/4032>

Abstract:

The primary objective of this research is to build an enhanced framework for Applied and Computational Math. This framework allows a variety of applied math concepts to be organized into a meaningful whole. The framework can help students grasp new mathematical applications by comparing them to a common reference model. In this research, we measure the most frequent words used in a sample of Math and Computer Science books. We combine these words with those obtained in an earlier study, from which we constructed our original Computational Math scale. The enhanced framework improves the Computational Math scale by integrating selected concepts from the field of Data Science. The resulting enhanced framework better explains how

abstract mathematical models and algorithms are tied to real world applications and computer implementations.

An article by Dr. B.J. Oropeza, Department of Biblical and Religious Studies, was published in a journal.

**Oropeza, B. J.** (2018, June). [Review of the book *Paul's new perspective: Charting a soteriological journey*, by G. P. Anderson]. *Review of Biblical Literature*.

A book review by Kelly Duggan Shearer, MA, LMFT, LPCC, Department of Marriage and Family Therapy, was published in a journal.

**Shearer, K. D.** (2018, May/June). Learning ACT for group treatment [Review of the book *Learning ACT for group treatment: An acceptance and commitment therapy training manual for therapists*, by D. Westrup & M. J. Wright]. *The Therapist*, 30(3).

An article written by Dr. Gail Reiner, Director of MSN Programs, School of Nursing (San Diego), and colleagues was published in a journal.

Zima, L., Ceulemans, S., **Reiner, G.**, Galosi, S., Chen, D., Sahagian, M., Haas, R. H., Hyland, K., & Friedman, J. (2018, July). Paroxysmal motor disorders: Expanding phenotypes lead to coalescing genotypes. *Annals of Clinical and Translational Neurology*.  
doi:10.1002/acn3.597

## PRESENTATIONS

A presentation by Dr. Tony Baron, Director, APU Seminary (San Diego), was shared at a regional conference.

**Baron, T.** (2018, June). *Seven habits of a healthy church*. Presented at the joint INSTE Global Bible College National Convention and Open Bible Church Conference, Des Moines, IA.

Abstract:

The lecture suggested that the marks of a healthy church are not comprised of size or giftings within the congregation but habits. They are 1) unity in the midst of diversity; 2) generosity in the midst of scarcity; 3) courage in the midst of adversity; 4) equality in the midst of hierarchy; 5) prayerful civility in the midst of conflict; 6) holiness in the midst of secularism; and 7) non-violence in the midst of injustice. Unity is only established through humility. Generosity is only provided because of gratitude. Courage is developed by character tempered by discipline. Equality is established by knowing your identity in Christ within your community. Prayerful civility is provided by the disciplines of silence, solitude, listening, and reflection. Holiness is determined by intimacy as power is created by the presence of God. Non-violence is the way of a disciple as she or he walks the way Jesus walks.

A presentation by Dr. Vicky Bowden, DNSC, RN, Vice Provost, and a colleague was shared at a national conference.

**Bowden, V., & Bigani, D.** (2018, July). *Advancing a culture of inquiry through evidence-based scholar programs*. Presented at the Pediatric Nursing Conference, Washington, D.C.

A presentation by Dr. Emily Griesinger, Department of English, was shared at a regional conference.

**Griesinger, E.** (2018, April). *Re-framing Alzheimer's: Diane Glancy's no word for the sea*. Presented at the Western Regional Conference on Christianity and Literature at George Fox University, George Fox University, Newberg, OR.

Abstract:

Drawing on insights from Arthur Frank's *The Wounded Storyteller: Body, Illness and Ethics* (2013) and Rita Charon's *Narrative Medicine: Honoring the Stories of Illness* (2006), this paper considers the way figurative language—the “wine” of Diane Glancy's poetic genius—works in the novel *No Word for the Sea* to re-frame Alzheimer's within the context of the Bible and Christian tradition.

A presentation by Dr. Mihretu Guta, Adjunct, Department of Philosophy, was shared at a national conference.

**Guta, M. P.** (2018, March). *Neuroscience and philosophy with implications for personal identity*. Paper presented at the Question of Identity and Personhood: Philosophical/Theological Reflections on the Self and Space 2018 Wesleyan Philosophical Society Conference, Pentecostal Theological Seminary, Cleveland, TN.

Abstract:

In this paper, I argue against what I take to be an imbalanced show what I take to be the right kind of integration that needs to be between neuroscience and philosophy in addressing issues related to human nature. The paper is divided into three parts. Part I gives a brief overview of how neuroscience came to have direct engagement with central questions (e.g. what is a person?) in the philosophy of mind. Part II looks at some of the representative positions that look at the contribution of neuroscience in addressing the issue of human nature. Part III attempts to show the importance of the integration between neuroscience and philosophy in addressing the question: what is a person? Finally, I will conclude that modern cognitive neuroscience lends greater support to a dualistic conception of mind as opposed to a physicalist conception of mind.

A presentation by Dr. Mihretu Guta, Adjunct, Department of Philosophy, was shared at an international conference.

**Guta, M. P.** (2018, April). *Consciousness and properties*. Paper presented at the Science of Consciousness, International Conference at Tucson, University of Arizona, Tucson, AZ.

Abstract:

Contemporary philosophical discussions concerning the metaphysics of consciousness often focus on seeking solutions for what is widely known as the hard problem of consciousness, i.e., explaining the nature of phenomenal qualities that accompany various sorts of mental states. Over the past two decades, excellent interdisciplinary work which addresses this problem had been produced (John Bickle, ed., 2009; Philip David Zelazo, Morris Moscovitch, and Evans Thompson, eds., 2007; Velmans and Schneider, eds., 2007/2017; Bennett and Hacker, 2003; Shear, ed., 1999; Block, Flanagan and Guzeldere, 1997). Nevertheless, some philosophers argue that no satisfactory philosophical or scientific solutions are currently available for the hard problem of consciousness (Chalmers 1996; 2010). The existing discussions and debates on consciousness take place along predictable lines, (e.g., whether consciousness should be taken as a mere brain process or some sort of a higher order mental phenomenon). There is no consensus among philosophers as to how to best go about dealing with such disputes. As things stand, it is hard to see what solution could be forthcoming. The stalemate should not surprise us, given that there is a serious lack of a proper strategy put in place in thinking about the hard problem of consciousness. There is a need for a clear account of an ontological status of properties to have some grip on the hard problem of consciousness. One way forward is to reflect systematically on what the issues are, hence engaging with the ontology of consciousness. This paper attempts to make a novel contribution in this regard.

A presentation by Dr. Mihretu Guta, Adjunct, Department of Philosophy, and a colleague was shared at an international conference.

**Guta, M. P., & Rae, S. (2018, June).** *Bracketed issue: A case for metaphysical foundation for bioethics with an emphasis on human personhood.* Paper presented at the Bioethics & Being Human 25<sup>th</sup> Annual Conference, The Center for Bioethics & Human Dignity, Trinity International University, Deerfield, IL.

Abstract:

In this paper, we argue that issues in bioethics (e.g., abortion, fetal status, embryonic stem cell, reproductive technology, the human person at the end of life) necessarily raise fundamental metaphysical questions regarding the ontology of human personhood. By examining some of the representative views of contemporary philosophers (e.g., Daniel Dennett, Peter Singer), we will show in what way metaphysics has been ignored in contemporary bioethical discussions. We think that such indifference towards the centrality of metaphysics for bioethics is a serious mistake. We argue that sustained progress in dealing with complex and multi-faceted bioethical issues cannot be achieved without taking metaphysics as a proper starting point. The conception of metaphysics we want to defend in this paper is Aristotelian as opposed to Lockean and Humean. We will give some compelling reasons why metaphysics understood in its traditional, Aristotelian sense provides us with unique advantages to grapple with vexing bioethical issues. We will end our paper by considering three strong objections against the metaphysical view of human personhood we defend in this paper. The first objection comes from the domain of neuroscience; the second objection comes from the domain of artificial intelligence and the third objection comes from the domain of human-machine interface. None of the objections we consider here would pose any serious threat to our claim regarding the centrality of metaphysics for bioethics on the one hand and the view of human personhood we defend on the basis of it on the other hand.

A presentation by Dr. Catherine Heinlein, School of Nursing, was shared at an international conference.

**Heinlein, C. R.** (2018, February). *Reaching the unreachable: Establishing a diabetes prevention program at a volunteer organization and community group setting in Kolkata, India.*  
Presented at the South and Central Asia Fulbright Conference, New Delhi, India.

A panel presentation by Dr. Mary Rawlings, Department of Social Work, and colleagues was presented at a national conference.

Rich, T., **Rawlings, M.**, Meyers-Adams, N., & Yoshioka, M. (2018, April). *Out of region placements in field: Challenges to local program and ways to mitigate issues of access for all.* Panel presentation at the National Association of Dean's and Directors Spring Conference, Hilton Head, NC.

A presentation by Dr. Samuel Sambasivam, Department of Engineering and Computer Science, was shared at a regional conference.

**Sambasivan, S.** (2018, June). *A data science enhanced framework for computational math.*  
Presented at the InSITE 2018: Informing Science + IT Education Conferences,  
University of La Verne, La Verne, CA.

Presentations by Dr. Mary Shepard Wong, Department of Global Studies, Sociology, and TESOL, were shared at international conferences.

**Wong, M. S.** (2018, June). *Collaborative innovation in creating effective English language leaning: Lessons from ELT schemes in Korea, Taiwan, Japan and Hong Kong.* Invited Keynote address at the 20<sup>th</sup> Anniversary Conference of the NET Scheme in Secondary Schools, Hong Kong.

**Wong, M. S.** (2018, June). *Sustaining professional growth through collaborative practice: Exploring the 6<sup>th</sup> principle in exemplary teaching for English language learners.* Invited workshop at the 20<sup>th</sup> Anniversary Conference of the NET Scheme in Secondary Schools, Hong Kong.

**Wong, M. S.** (2018, June). *Fifty ways to grow professionally & cultivating your professional growth.* Invited guest speaker at the ELT Preconference Institute, Mandalay University, Mandalay, Myanmar.

**Wong, M. S.** (2018, June). *English language teaching in Myanmar: Challenges and recommendations & improving ELT in your university, school, and classroom.* Invited

guest speaker at the ELT Preconference Institute, Mandalay University, Mandalay, Myanmar.

### **EXPERTISE SHARED**

The expertise of Dr. Catherine Heinlein, School of Nursing, and colleagues was shared as panel presenters at a foundation.

De, A., **Heinlein, C. R.**, Mondal, S., Treloar, J., & Walia, K. (2018, May). *Panel session: Pre-departure orientation panel session. Dr. Heinlein presents on diversity issues, culture, pedagogy, travel safety, and health matters.* Presented at the United States-India Educational Foundation, Kolkata, India.

The expertise of Dr. Mihretu Guta, Adjunct, Department of Philosophy, was shared live on social media.

**Guta, G. P.** (2018, March). *The controversy over the metaphysics of the soul.* Live Facebook lecture presented at Biola University, Department of Apologetics, La Mirada, CA.

Abstract:

The metaphysics of soul continues to be a subject of much controversy in analytic philosophy. The present brief lecture looks at some of the reasons that underlie such controversies and points out some of philosophically important questions that need to be taken into consideration by defenders and opponents of the notion of soul alike.

The expertise of Dr. Mihretu Guta, Adjunct, Department of Philosophy, was shared at a round-table discussion.

**Guta, G. P.** (2018, May). *How the concept of personhood impacts public policy, abortion, euthanasia and immigration.* Participated in the Political Science Students Association round-table discussion, Citrus College, Glendora, CA.

The expertise of Dr. Catherine Heinlein, School of Nursing, was shared as a moderator.

**Heinlein, C. R.** (2018, February). *Session II C-public health.* Moderator of public health session, South and Central Asia Fulbright Conference, Vivanta by Taj-Dwarka, New Delhi, India.

The expertise of Dr. Catherine Heinlein, Certified Diabetes Educator, School of Nursing, was shared as an invited speaker at two workshops.



**Heinlein, C. R.** (2018, May). *Making you a diabetes scholar*. Invited speaker at the Diabetes Awareness and You (D.A.Y.) Workshop, Diabetes Educators Education Program (DEEP), Kolkata, India.

The expertise of Dr. Catherine Heinlein, School of Nursing, and colleagues was shared as a panel presenter at an orientation.

**Heinlein, C. R.**, Sundararajan, M., Tiwary, I., & Varma, A. (2018, May). *Panel session: understanding U.S. culture. Dr. Heinlein presents on diversity issues: gender, race, religion in the United States; accepting of others versus xenophobia*. Presented at the 2018 Indian Fulbright-Nehru Scholar Orientation, Delhi, India.

The expertise of Dr. Catherine Heinlein, School of Nursing, was shared in a magazine article.

**Heinlein, C. R.** (2018, June). [Interviewee], *Diabetes in India: Can things change?* Interviewed by A. Ganguly, *UPWORDS Magazine* [health & fitness section], *Issue 12*, 26-29.

The expertise of Dr. David Landers, University Libraries, Director of Educational Programs and Outreach, was shared in a newspaper article.

**Landers, D.** (2018, June). Remembering Azusa/Glendora Fairmont Cemetery. *San Gabriel Valley Examiner*, 21(24), 1.

The expertise of Dr. Mary Rawlings, Department of Social Work, was shared in an online news publication.

**Rawlings, M.** (2018, April). Educating the next generation of social workers with OSCE: New options in preparing practitioners. *California News* (National Association of Social Workers, California Chapter). Retrieved from <https://naswcanews.org/cadd-corner-4/>

The expertise of Dr. Samuel Sambasivam, Department of Engineering and Computer Science, was shared as session chair.

**Sambasivam, S.** (2018, June). [Session chair], InSITE 2018: Informing Science + IT Education Conferences, University of La Verne, La Verne, CA.

## AWARDS

Dr. Abbylin Sellers, Department of History and Political Science, and colleagues received an award.

Merolla, J. M., **Sellers, A.**, & Lemi, D. C. (2018). [Award recipient], *Does the presence of women in elected office increase female empowerment? Using an experimental approach to look at the effects of descriptive representation*. Leon Weaver Award (best paper at APSA 2017 Conference), American Political Science Association.

Abstract:

The paper was selected as the winner of the Leon Weaver Award from the national 118th American Political Science Association (APSA) conference in San Francisco 2017. This award recognizes the best paper presented at an APSA conference panel sponsored by the Representation and Electoral Systems section in the previous year and will be presented at the 2018 APSA meeting in Boston, MA. The paper examines the effects of descriptive representation on political engagement of women, seeking to determine the effect of that engagement when women are represented by a female in political office and how party congruence may have an effect. Using observational data is challenging due to the fact that there are more Democratic females in office. Their experimental design tests for a gender affinity effect in the absence and presence of partisanship and ideology, making it clearer to distinguish between party congruence and gender congruence. They find some support for the descriptive representation hypothesis in the absence of partisan and ideological information, but little support once this information is introduced.

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*Faculty Scholarship Updates*

June 22, 2018

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## PUBLICATIONS

An article by Dr. David A. Doman, Department of Biblical Studies, was published in a journal.

**Dorman, D.** (2018, May). Neediness: The anthropology of Karl Barth. *Scottish Journal of Theology*, 72(2), 195-211. doi:10.1017/S0036930618000078

Abstract:

The article argues that Karl Barth's Dogmatics presents human "neediness" as the constitutive element of his theological anthropology. Since this element has had little notice in Barth scholarship, which tends to see humanity defined extrinsically as the creature "addressed by God," the article focuses on describing the consistent reiteration of this theme in virtually all of the volumes of the Dogmatics, in theologically substantive locations. The article begins with Barth's observation in his exegesis of the days of creation, that the emergence of humanity on the sixth day, after all else is in place and functioning without human presence, discloses humans to be "the neediest of all creation." Barth elaborates the dimensions of human neediness in his discussion of "the readiness of humanity for God," propounding the human need for God as the precondition of any knowledge of God, powerful and positive in its potential—but in actuality undercut by the sin that denies any such neediness, resulting in wretchedness and irreversible tragedy, in closedness to God rather than readiness. Barth thus describes, as it were, a potential 'blessed neediness' and an actual 'wretched neediness' that together define the glory and the tragedy of all that is human. Not only epistemology and hamartiology but Christology is also informed by this theme, in more than one passage: for instance, Barth understands that "God is for us" in that God takes on human nature in Jesus Christ precisely as the one who, having no need, assumes the alien nature constituted by need, and confronts it on the cross. Thus "need" defines, in such a passage, incarnation. Other sections in which Barth explicitly explores the contexts of human "neediness"—forgiveness, redemption, Christian worship and spirituality, and Christian witness in the world—build the case that for Barth (in his words) "there is nothing human that is more constitutive than a human being's need for God" (CD III/2, p. 412, alt).

An article by Dr. BJ Oropeza, Department of Biblical and Religious Studies, was published in a journal.

**Oropeza, B. J.** (2018). Apostasie im neuen testament: Auf den spuren des Judas und anderer abtrünniger in den evangelien, den Johanneishchen schriften und in der apostelgeschichte. *Zeitschrift für Neues Testament*, 41(21), 61-77.

Abstract:

This article, which was translated in German, focuses on the apostasy of Judas Iscariot and the theme of apostasy in the Gospels, Johannine Letters, and Acts.

An article by Dr. Paul Saville, Department of Kinesiology, and a colleague was published in a journal.

**Saville, P., & Bray, S.** (2018, June). Workshop effects on measures of coaches' cognitions toward integrating relation-inferred self-efficacy communication into practice. *Journal of Sport Behavior*, 41(2), 189-208. Retrieved from <https://0-search-proquest-com.patris.apu.edu/docview/2039849696?accountid=8459>

A book by Dr. Don Thorsen, Azusa Pacific Seminary, was published.

**Thorsen, D.** (2018, March). *Pocket dictionary of Christian spirituality* [The IVP pocket reference series]. Downers Grove, IL: IVP Academic.

An article by Dr. Chong Ho (Alex) Yu, Department of Psychology, and colleagues was published in a journal.

**Yu, C. H., Jannasch-Pennell, A., & DiGangi, S.** (2018). Enhancement of student experience management in higher education by sentiment analysis and text mining. *International Journal of Technology and Educational Marketing*, 8(1), 16-33.  
doi:10.4018/IJTEM.2018010102

Abstract:

The objective of this case study is to illustrate how text mining of open-ended responses and sentimental expressions (positive or negative) from student survey could yield valuable information for improving student experience management (SEM). The concept of student SEM was borrowed from the notion of customer experience management (CEM), which aims for ongoing improvement of customer relations through understanding of the customer's point of view. With the advance of text mining technology, which is based upon artificial intelligence and machine learning, textual data that were previously underutilized are found to be valuable in CEM. To illustrate how text mining can be applied to SEM, the authors discuss an example from a campus-wide survey conducted at Arizona State University. The purpose of this survey was to better understand student experiences with instructional technology in order for administrators to make data-driven decisions on its implementation. Rather than imposing the researchers' preconceived suppositions on the students by using force-option survey items, researchers on this project chose to use open-ended questions in order to elicit a free emergence of themes from the students. The most valuable lesson learned from this study is that students perceive an ideal environment as a web of mutually supporting systems. Specifically, online access should be augmented by use of laptops and availability of course materials, whereas virtual classes should be balanced by human interactions.

## PRESENTATIONS

Two presentations by Dr. Richard Martinez, Dr. Susan Warren, Center for Diversity, Equity, and Inclusive Excellence, and Dr. Scott Bledsoe, Department of Clinical Psychology, were shared at a national conference.

**Bledsoe, T. S., Warren, S. R., & Martinez, R. S.** (2018, June). *The diversity mosaic experience: An innovative approach to start diversity conversations using video narratives*. Presented at the 2018 National Conference on Race & Ethnicity in American Higher Education. New Orleans, LA.

**Martinez, R. S., Warren, S. R., & Bledsoe, T. S.** (2018, June). *Staff, faculty, and administrator diversity ambassador action planning: A systems approach for organizational transformation*. Presented at the 2018 National Conference on Race & Ethnicity in American Higher Education. New Orleans, LA.

Three posters by Dr. Eric Davis, Department of Biology and Chemistry, and students were presented at a national conference.

Crandell, C., Walker, D., Garcia, L., & **Davis, E.** (2018, June). *Investigations into the decay time of corona discharge ionization through spectroscopic probing of a pulsed ionization event*. Poster presented at the 66<sup>th</sup> American Society for Mass Spectrometry Conference, San Diego, CA.

Gibney, M., Walker, D., Hoffman, N., Clowers, B., & **Davis, E.** (2018, June). *Spectroscopic and total ion current characterization of electrospray/coronaspray ionization with respect to dissolved analyte species and sheath gas composition*. Poster presented at the 66<sup>th</sup> American Society for Mass Spectrometry Conference, San Diego, CA.

Jones, M., Thiel, D. A., & **Davis, E.** (2018, June). *The spectroscopic emission from dissolved metal ions during an arc event in electrospray ionization*. Poster presented at the 66<sup>th</sup> American Society for Mass Spectrometry Conference, San Diego, CA.

A presentation by Donna Gallup, MSW, LSW, Department of Social Work, was shared at an international conference.

**Gallup, D.** (2018, June 14). *New rules of engagement for social work leaders*. Presented at the Network for Social Work Management Annual Conference, San Diego, CA.

A presentation by Dr. Viv Grigg, Azusa Pacific Seminary, was shared at an international conference.

**Grigg, V.** (June, 2018). *Poorology: Andragogy for slum leaders*. Oral presentation at the Andragogy Conference, William Carey International University, Pasadena, CA.

Abstract:

The MA in Transformational Urban Leadership as a case study in principles of andragogy for Oral Learners, exploring Grigg's approach to Urban Theologizing, in Transformational Conversations that builds on adult education and storytelling processes based on Jesus, Freire's Pedagogy of the Oppressed, Vella, Van Engen and others.

A poster presentation by Dr. Jennifer Payne, Department of Social Work, was shared at an international conference.

**Payne, J. S.** (2018, May). *Trauma and U.S. urban clergy: Experiences shared from the urban pastors' study*. Poster presented at the 6<sup>th</sup> European Conference on Religion, Spirituality and Health and 5<sup>th</sup> International Conference of the British Association for the Study of Spirituality, Coventry, England, U.K.

A podium presentation by Dr. Sharon Titus, School of Nursing, and a colleague was shared at regional conference.

**Titus, S., & Kataoka-Yahiro, M. R.** (2018, April). *Adherence & barriers to management of T2D among immigrant Latinas: A CBPR approach*. Presented at the 51<sup>st</sup> Annual Communicating Nursing Research Conference, Transforming Health through Advances in Nursing Research, Practice, and Education, Spokane, WA.

Abstract:

This study will describe the cultural/ethnic/racial perception behind the adherence and barriers to management of Type 2 diabetes (T2D) voiced by Latina immigrant women who have lived in rural Washington State for more than two decades.

## EXPERTISE SHARED

The expertise of Dr. Joseph Bentz, Department of English, was shared as he presented three workshops at a national conference.

**Bentz, J.** (2018, May). *Non-fiction book practicum*. Six-hour course presented at the Blue Ridge Mountains Christian Writers Conference, Ridgecrest, NC.

Abstract:

For writers with a non-fiction book in progress, this 6-hour workshop combined specific critique with helpful instruction on key aspects of the writing and marketing of non-fiction books. Writers

submitted portions of their writing project to the instructor and the rest of the group for review ahead of the conference. In addition to critiques, the teaching portion of the course included information on such issues as writing effective first chapters, using techniques of fiction to bring non-fiction concepts to life, and building a platform for book promotion.

**Bentz, J.** (2018, May). *Writing strategies for writers with no time to write*. Workshop presented at the Blue Ridge Mountains Christian Writers Conference, Ridgecrest, NC.

Abstract:

You are a good writer who would love to spend more time practicing your craft. The problem is, your day job keeps getting in the way—oh, and so does your family, your church responsibilities, your household chores, and the rest of a list that is too long to mention. Tempted to give up? Don't. Learn proven strategies for maintaining your writing even in the midst of the busiest schedule. Taught by an author-father-husband-professor-Sunday school teacher-shrub trimmer-laundryman-family taxi driver.

**Bentz, J.** (2018, May). *The art and business of book review writing*. Workshop presented at the Blue Ridge Mountains Christian Writers Conference, Ridgecrest, NC.

Abstract:

Some magazine editors use book reviews as proving grounds for writers who may be assigned to other articles. Many magazines also make arrangements for freelance writers to become regular reviewers of books that are assigned to them. This session answers many questions about book reviewing and covers the basics of how to establish yourself as a reviewer and how to write a good review. What are editors looking for in a book reviewer? What are the key elements to a good book review? How can you market yourself as a book reviewer? What is the pay? These and other questions will be discussed along with examples and handouts.

The expertise of Dr. Eric Davis, Department of Biology and Chemistry, was shared as he served as session chair at a national conference.

**Davis, E.** (2018, June). *Ion mobility: Structure*. Invited Session Chair at the 66<sup>th</sup> American Society for Mass Spectrometry Conference, San Diego, CA.

The expertise of Larry Handy, MFA, University Libraries, was shared as he authored an essay that was included in a literary magazine.

**Handy, L.** (2018). Seeking freedom in my old griefs. *COG, 11*. San Jose, CA: Cogswell College. Retrieved from <https://www.cogzine.com/copy-of-cog-issue-9>

The expertise of Dr. Tolu Noah, Department of Liberal Studies, was shared as she presented a preconference workshop at a national conference.

**Noah, T., & Souza, T.** (2018, June). *Facilitating meaningful conversations about diversity*. Invited preconference workshop presenter at the 2018 Teaching Professor Annual Conference, Atlanta, GA.

## APPOINTMENTS

Dr. Kathleen Ruccione, School of Nursing, was appointed to serve in two committees.

**Ruccione, K.** (2017 & 2018). [Grant proposal review committee chair], St. Baldrick's Foundation, Supportive Care Research Grants. Monrovia, CA.

**Ruccione, K.** (2017 & 2018). [Committee member], St. Baldrick's Foundation, Scientific Advisory Committee. Monrovia, CA.



## PUBLICATIONS

A book review by Jennifer Argueta, MLIS, University Libraries, was published in a journal.

**Argueta, J.** (2018, May). Stott's *basic Christianity* [Review of the book *Basic Christianity*, by John Stott]. *The Christian Librarian*, 61(1), article 20.

An article by Dr. Felicitas dela Cruz, School of Nursing, Dr. Chong Ho (Alex) Yu, Department of Psychology, and a colleague was published in a journal.

**dela Cruz, F., Yu, C. H., & Vindua, K. I.** (2018, May). The factor structure of a short acculturation scale for Filipino Americans in an adult U.S.-born sample. *Journal of Community Psychology*. Advance online publication. Retrieved from <https://doi.org/10.1002/jcop.21955>

**Abstract:**

The influx of non-European immigrants since 1965 ushered the development and use of acculturation measures in immigrant health studies. A Short Acculturation Scale for Filipino Americans (ASASFA) represents a validated, unidirectional ethnic-specific measure used with first-generation FAs. ASASFA's psychometric properties with adult U.S.-born children—the second generation—remain unexplored. This study determined (a) the factor structure of ASASFA with adult U.S.-born FAs and (b) the predictors of their acculturation scores. A secondary analysis was conducted on ASASFA data from a mental health survey of 116 U.S.-born FAs. Exploratory factor and parallel analyses showed a two-factor solution: language use and preference (Factor 1) and ethnic social relations (Factor 2). Ordinary least squares regression indicated gender and ethnic self-identification predict Factor 1 scores; self-identification solely predicts Factor 2 scores. Results demonstrate ASASFA's validity and parsimony, supporting its use in FA health studies when lengthy bidirectional acculturation measures become impractical.

An article by Adjunct Catherine Fisher, MSW, Department of Social Work, and Kim Setterlund, MSW, LCSW, Director MSW Program, Department of Social Work, was published in an online journal.

**Fisher, C., & Setterlund, K.** (2018, Spring). Vignette-based skills assessment in social work field education: Evaluation students' achievement of professional competency. *The Field*

*Educator*, 8(1). Retrieved from <http://fielddeducator.simmons.edu/article/vignette-based-skills-assessment-in-social-work-field-education-evaluating-students-achievement-of-professional-competency/>

An article by Dr. Angela Robles, Department of Kinesiology, was published in a journal.

**Robles, A.** (2018, April). Mirror images: Exploring the strengths of two Olympic gold-medal athletes. *Women in Sport and Physical Activity Journal*, 26(1), 54-61. Retrieved from <https://doi.org/10.1123/wspaj.2017-0015>

## PRESENTATIONS

A presentation by Lauren D. Carroll, M.A., Department of Global Studies, Sociology & TESOL, and a colleague was shared at an international conference.

**Carroll, L. D., & VanDyke-Kao, R.** (2018, March). *Hate crimes on the rise: What should teachers do?* Presented at the TESOL (Teaching English to Speakers of Other Languages) International Association Annual Conference, Chicago, IL.

A presentation by Dr. Roxanne Helm-Stevens, Dr. Dan Kipley, School of Business, and Michelle LaPorte, M.Ed., Director, Center for Academic Service-Learning, was shared at an international conference.

**Helm-Stevens, R., Kipley, D., & LaPorte, M.** (2018, March). *Christian praxis of the relationship with God and with others: Exploring student perception in a semester-long service-learning project.* Presented at the Academy of Business Research Spring 2018 Conference, New Orleans, LA.

### Abstract:

Spiritual growth and development is frequently cited as an outcome of participation in service-learning projects. However, little research has focused on measuring the students' ability to understand the connection between the service-learning experience and their personal faith and the ability to live out their Christian values in the field. Notably missing from this particularly limited area of study is the Christian values convergence of being able to understand the worth of all people and a desire to be engaged in serving the community. Encompassing both quantitative and qualitative research methods, this study investigates undergraduate business students' perceptions of the impact of a semester-long urban service-learning project on their spiritual lives and faith formation. Specific attention will be given to exploring the students' perception of faith as defined by the Christian praxis of the students' relationship with God and with others.

A paper written by Dr. Heekap Lee, Division of Teacher Education, was presented at an international conference.

**Lee, H.** (2018, January). *Students' non-cognitive skills and its contribution to their academic success*. Paper presentation at the International Conference on Education and Psychological Science (ICEPS), Seoul, South Korea.

Abstract:

Ranges of studies have found that students' non-cognitive factors have a direct positive relationship to their school performance. Though these study results have been widely accepted, several questions still remain unanswered. For example, what are noncognitive factors, and how can teachers identify them in and out of the classroom? Does the effectiveness of non-cognitive factors strongly impact elementary school children as well? This research focuses on elementary school teachers' perceptions of their school students' non-cognitive factors. A set of 33 survey questions was prepared, analyzed and shared along with a set of recommendations in order to improve elementary students' non-cognitive capacities inside and outside classroom settings.

A paper written by Dr. Heekap Lee and Dr. Ivy Yee-Sakamoto, Division of Teacher Education, was presented at an international conference.

**Lee, H., & Yee-Sakamoto, I.** (2018, February). *A curriculum to children to go from surviving to thriving*. Paper presentation at the International Symposium on Social Science and Management (ISSSM), Osaka, Japan.

Abstract:

Can our students learn something positive for themselves in spite of painful and challenging school contexts? Can they thrive in their cognitive, emotional and social dimensions to transform their toxic situations? What do teachers need to do to accomplish this? These questions guided the scholarly work from which this article is derived. To answer these questions, educators need to think about new trends of teaching and learning in which emphasize new competencies for learners which include positive thinking skill, thriving in the tough social environment, improving emotional social capital, and developing students' non-cognitive capacities. One curricular approach to meeting such competencies is to employ the Habits of Mind as proposed by Costa and Kallick. A collaboration involving families, communities, and educators in the teaching of the Habits of Mind is proposed as a way to bring students from surviving to thriving.

A presentation by Dr. Cahleen Shrier, Department of Biology and Chemistry, and a colleague was presented at an international conference.

**Saleh, M., & Shrier, C.** (2018, May). *Science for youth ministers program: Preparation for conversations in ministry*. Presented at the Canadian Scientific and Christian Affiliation 2018 Conference, Trinity Western University, Langley, BC, Canada.

A presentation by Dr. Cahleen Shrier, Department of Biology and Chemistry, was presented at a regional conference.

**Shrier, C.** (2018, March). *Supporting special needs students in the sciences*. Presented at the 2018 Southern California PKAL (Project Kaleidoscope) Regional Network Annual Meeting, University of California, Los Angeles, CA.

A presentation by Dr. Cahleen Shrier, Department of Biology and Chemistry, and a colleague was presented at a regional conference.

**Shrier, C., & Selah, M.** (2018, January). *Science for youth ministers*. Presented at the American Scientific Affiliation's Southern California Christians in Science Chapter 2018 Day Conference, California Baptist University, Riverside, CA.

### **EXPERTISE SHARED**

The expertise of Dr. Don Thorsen, APU Seminary, was shared as an invited lecturer at two universities.

**Thorsen, D.** (2018, May). *Wesley, sanctification, and the reformers*. Invited lecture presented at Mokwon University, Daejeon, South Korea.

**Thorsen, D.** (2018, May). *The varieties of Christian spirituality*. Invited lecture presented at Seoul Theological University, Bucheon, South Korea.

### **PREVIOUSLY UNANNOUNCED**

A presentation by Dr. Cahleen Shrier, Department of Biology and Chemistry, and Dr. Paul Shrier, Department of Practical Theology, was presented at an international conference.

**Shrier, P., & Shrier, C.** (2017, June). *Inclusive youth ministry in an age of anxiety*. Presented at the Summer Institute on Theology and Disability Conference, Azusa Pacific University, Azusa, CA.

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May 11, 2018

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**PUBLICATIONS**

A book by Dr. Chinaka DomNwachukwu, Associate Dean for Diversity and Values, School of Education, was published.

**DomNwachukwu, C. S.** (2018, February). *The theory and practice of multicultural education: A focus on the K-12 educational setting*. Lanham, MD: Rowman & Littlefield.

A chapter written by Dr. Chinaka DomNwachukwu, Associate Dean for Diversity and Values, School of Education, was published in a book.

**DomNwachukwu, C. S.** (2018, March). Indigenous Igbo worship in Nigerian churches: Reconfiguration of worship and spiritual encounters. In R.D. Shaw & W.R. Burrows (Eds.), *Traditional ritual as Christian worship: Dangerous syncretism or necessary hybridity?* (pp. 141-157). Maryknoll, NY: Orbis Books.

A book by Dr. Dave Harmeyer, University Libraries, and a colleague has been published.

**Harmeyer, D., & Baskin, J. J.** (2018). *Implementing the information literacy framework: A practical guide for librarians*. Lanham, MD: Roman & Littlefield.

Abstract:

*Implementing the Information Literacy Framework: A Practical Guide for Librarians* is written with three types of people in mind: librarians, classroom educators, and students. This book and its website address the implementation of the Association of College and Research Libraries' Framework of Information Literacy in Higher Education. One of the few books written jointly by an academic librarian and a classroom faculty member, *Implementing the Information Literacy Framework* packs dozens of how-to ideas and strategies into ten chapters specifically intended for librarians and classroom instructors. The text provides the tools and strategies to put into practice a host of Framework-based information literacy experiences for students and faculty, creating a campus culture that understands and integrates information literacy into its educational mission.

A book edited by Dr. Laurie Schreiner, Chair, Department of Higher Education, was published.

**Schreiner, L. A.** (Ed.). (2018). *Re-imagining Christian higher education*. Philadelphia, PA: Taylor & Francis.

Abstract:

*Re-Imagining Christian Higher Education* takes a fresh and critical look at the challenges facing Christian colleges and universities, while also providing concrete recommendations for university leaders, faculty, and staff to implement in their daily work. Chapters in this volume address leadership and diversity challenges, issues of affordability and sustainability, and ways of maintaining the distinguishing features of a Christ-centered liberal arts education. A vivid and compelling picture of the Christian university of the future is painted by these authors as they highlight the importance of embracing our Christian identity while being willing to engage a pluralistic and fragmented world. Throughout this volume, the distinctiveness of Christian higher education is positioned as its hope for the future. Firmly rooted in a missional identity of faithful learning that is committed to the intellectual, personal, and spiritual development of our students, Christian colleges and universities are encouraged to reclaim and revitalize the breadth and depth of the Christian tradition in order to move forward.

An article written by Dr. Olivia Sevilla, Josefina Sierra, MSW, LCSW, and Kimberly Setterlund, MSW, LCSW, Department of Social Work, was published in a journal.

**Sevilla, O., Sierra, J., & Setterlund, K.** (2018). Equipping bilingual social work students from the inside out: Cultural sensitivity, self-awareness, and language. *Journal of Teaching in Social Work, 38*(3). doi:10.1080/08841233.2018.1474839

An article by Dr. Kathleen Tallman, Department of Biology and Chemistry, was published in a journal.

**Tallman, K. G.** (2018, May). His body is gone. *Christianity Today, 62*(4), 44-48.

A book by Dr. Jeff Tirrell, Staff/Adjunct Professor, Office of Curricular Support, was published.

**Tirrel, J.** (2018). *The integration of faith and learning among collegiate theatre artists: A hermeneutical phenomenological study (Claremont dissertations of distinction volume 1)*. Claremont, CA: Claremont Press, 2018.

Abstract:

Since the early days of Christianity there has been a contentious relationship between the theater and the pulpit, with each vying for the hearts and minds of their respective audience. Especially in the United States this contention often led to excommunication of known theatre practitioners by churches, and the creation of plays mocking Christians or church practices by those who found no welcome within church walls. But in recent decades many within Christianity have begun to explore how theatre and other arts might enhance, enlighten or explain their faith. The literature surrounding the intersection of Christianity and theatre is scarce, usually focusing on how theatrical conventions can be used within the church; there is very little that seeks to understand Christian theatre professionals on their own terms. In an attempt to start addressing this dearth of material and research, scholar and artist Jeff Tirrell explores how one population of Christian theatre students and faculty at a faith-based, Christian university perceive and imagine faith

integration happening within their department. Using a hermeneutical phenomenological framework, Tirrell conducted in-person interviews with a sample of current theatre students, alumni/ae, and the full-time departmental faculty in order to better understand how faith integration (also referred to as IFL, or the Integration of Faith and Learning) was understood in their context. This results of this study provide new insights into how students and faculty understand the integration of faith and learning, and have the potential to reshape the way faith-based theatrical education is done. They are also important for the church because they can shed light on how artists express their faith, which can in turn lead to potentially new ways for understanding and communicating the gospel. This book offers the alert reader a wide variety of insights for increasing the effectiveness of arts education in the Christian context. The volume is a must read for those looking to move beyond fascicle dichotomies or uncritical assimilation.

## EXHIBITIONS

Art created by Terry Dobson, MFA, Department of Design, was included in an international invitational exhibition and published in the exhibition catalog.

**Dobson, T.** (2018, February). *CHAOSMOS* [Art exhibited in international group exhibition and included in published catalog]. New Era: KSBDA St. Gallen International Invitational Exhibition, Schule für Gestaltung (School of Design), St. Gallen, Switzerland.

Terry Dobson, MFA, Department of Design, curated and designed an art exhibition and gallery catalog at a regional gallery.

**Dobson, T.** (2018, April). *A bigger love: Design to change the way we see disabilities* [Curator and designer of gallery catalog and group exhibition graphics]. Exhale Unlimited Gallery, L.A. Arts District, Chinatown, Los Angeles, CA.

## PRESENTATIONS

A presentation by Dr. Pamela Fisher, Department of Communications Studies, was shared at a conference.

**Fisher, P.** (2018, March). *Examining a century of historical journalism narrative frame*. Presented at the National American Culture Association and Pop Culture Association Conference, Indianapolis, MN.

Two presentations by Dr. Chong Ho (Alex) Yu, Department of Psychology, and students were shared at a conference.

**Yu, C. H., Yung, A., Garcia, L., Reyes, M., Bernal, A., & Lee, H.** (2018, April). *Can rigorous training in math and science enhance creativity?* Paper presented at the 98<sup>th</sup> Annual Western Psychological Association Convention, 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 the 98<sup>th</sup> Annual Western Psychological Association Convention, Portland, OR.



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**PUBLICATIONS**

Four articles by Dr. Lina K. Badr, School of Nursing, and several colleagues were published in journals.

**Badr, L. K.**, Ayvazian, N., Lameh, S., & Charafeddine, L. (2018, March). Is the effect of postpartum depression on mother-infant bonding universal? *Infant and Behavior Development*, 51, 15-23. Advance online publication. doi:10.1016/j.infbeh.2018.02.003

El-Marsi, J., Zein-El-Dine, S., Zein, B., Doumit, R., & **Badr, L. K.** (2018, March/April). Predictors of pressure injuries in a critical care unit in Lebanon: Prevalence, characteristics, and associated factors. *Journal of Wound, Ostomy and Continence Nursing*, 45(2), 131-136. doi:10.1097/WON.0000000000000415

Hajj, M., Gulgulian, T., Haydar, L., Saab, A., Dirany, F., & **Badr, L. K.** (2017, July). The satisfaction of families in the care of their loved ones in CCUs in Lebanon. *Nursing in Critical Care*, 22(4), 203-211. doi:10.1111/nicc.12195

Soubra, M., Harb, Y. A., Hatoum, S., Yazbeck, N., Khoury, M., Mansour, E. B., & **Badr, L. K.** (2018, March/April). Effect of a quality improvement project to reduce noise in a pediatric unit. *MCN, The American Journal of Maternal/Child Nursing*, 43(2), 83-88. doi: 10.1097/NMC.0000000000000413

An article by Dr. Carrie Miller, Department of Biology and Chemistry, a colleague and a student was published in a journal.

Kinnaman, L. J., Roller, R. M., & **Miller, C. S.** (2018, April). Comparing classical water models using molecular dynamics to find bulk properties. *Journal of Chemical Education*. doi:10.1021/acs.jchemed.7b00385

Abstract:

A computational chemistry exercise for the under-graduate physical chemistry laboratory is described. In this exercise, students use the molecular dynamics package Amber to generate trajectories of bulk liquid water for 4 different water models (TIP3P, OPC, SPC/E, and TIP4Pew). Students then process the trajectory to calculate structural (radial distribution functions) and dynamic (diffusion coefficients) properties of water that they compare to experimental values and to the other models. On the basis of these comparisons, students are also able to draw conclusions regarding the relative efficacy of these water models at modeling properties of real water.

A book review by Dr. Matthew J. Smith, Department of English, was published in a journal.

**Smith, M.** (2017, May). [Review of the book *Poetic relations: Intimacy and faith in the English reformation*, by C. Furey]. *Modern Philology*, 115(4), E281-E284.

### PRESENTATIONS

Three presentations by Dr. Roxanne Helm-Stevens, Chair, Department of Business Management, and several colleagues were shared at national conferences.

Fall, R., Silberman, K., Khudaverdyan, D., & **Helm-Stevens, R.** (2018, April). *Using an iPad to measure visual-motor functioning*. Presented at the Annual Conference and Expo of the American Occupational Therapy Association, Salt Lake City, Utah.

Fall, R., Silberman, K., Khudaverdyan, D., & **Helm-Stevens, R.** (2018, April). *Visual motor assessment on the iPad*. Presented at the Annual Meeting of the American Educational Research Association, New York, NY.

Fall, R., Khudaverdyan, D., Silberman, K., & **Helm-Stevens, R.** (2018, February). *Contemporary research on visual-motor assessment: What school psychologists need to know*. Presented at the Annual Convention of the National Association of School Psychologists, Chicago, IL.

A presentation by Dr. Rob Muthiah, Azusa Pacific Seminary, was shared a national conference.

**Muthiah, R.** (2018, April). *Emotional fluency in leadership: Can this be taught in the classroom?* Presented at the Academy of Religious Leadership's Annual Meeting, Minneapolis, MN.

A presentation by Dr. Mary Wong, Department of Global Studies, Sociology, & TESOL, and a colleague was shared at an annual meeting.

**Wong, M. S., & Roberts, A.** (2018, April). *Possibilities and challenges of ELT in Myanmar*.

Paper presented at The Dreams, Possibilities, and Necessity of Public Education, 2018 AERA Annual Meeting, New York, NY.

### **EXPERTISE SHARED**

The expertise of Dr. Robert Mullins, Chair, Department of Biblical and Religious Studies, was shared as an invited speaker at a university.

**Mullins, R.** (2018, April). *Abel Beth Maacah: Uncovering the secrets of a biblical city*. Invited

lecture presented at the Archaeology of Ancient Israeli Lecture Series, UCLA Royce Hall, Los Angeles, CA.

### **PREVIOUSLY UNANNOUNCED**

An article by Dr. Lina K. Badr, School of Nursing, and several colleagues was published in a journal.

**Kudahi Badr, L., Demerjian, T., Daaboul, T., Abbas, H., Hasan Zeineddine, M., &**

Charafeddine, L. (2017, March). Preterm infants exhibited less pain during a heel stick when they were played the same music their mothers listened to during pregnancy. *Acta Paediatrica Nurturing the Child*, 106(3), 438-445. doi:10.1111/apa.13666

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**PUBLICATIONS**

An article by Dr. Chong Ho (Alex) Yu, Department of Psychology, and colleagues was published in a journal.

Naccashian, Z., Hattar-Pollara, M. H., **Yu, C. H.**, & Ayvazian, S. P. (2018, April). Prevalence and predictors of diabetes mellitus and hypertension in Armenian Americans in Los Angeles. *Diabetics Educator*, 44(2), 130-143. doi:10.1177/0145721718759981

**Abstract:**

**Purpose** The purpose of this study was to describe the prevalence of diabetes mellitus (DM) and hypertension (HTN) along with associated risk factors among Armenian Americans living in Los Angeles. **Methods** after Institutional Review Board approval, a sample of 877 Armenian Americans was collected for 5 consecutive years (2011-2015) at a health fair. Collected data included: sociodemographic variables; cardiometabolic data, including systolic (SBP) and diastolic (DBP) blood pressure, glucose (Glu), and lipids; anthropometric data, including height (Ht), weight (Wt), body mass index (BMI), waist circumference (WC), and hip circumference (HC). **Retrospective descriptive correlation, test of significance, and logistic regression analyses** were performed. **Results** Findings showed that about 50% of the participants had abnormal waist/hip ratio and approximately one-quarter of the subjects had glucose levels that were indicative of high risk for DM. Logistic regression analysis revealed that high SBP ( P = .04), above normal WC ( P = .03), and high triglycerides ( P = .04) were significant in predicting DM. Moreover, age ( P = .0001), family history of cardiovascular disease ( P = .01), and above normal WC ( P = .04) were found to be significant predictors of HTN. **Conclusion** Waist circumference indicated to be a strong predictor for DM and HTN. Early detection and timely interventions are important to prevent DM and HTN and their associated complications. For an underserved population, health fairs become one effective avenue for screening, referral, and evaluation.

A book review by Dr. Abbylin Sellers, Department of History and Political Science, was published in a journal.

**Sellers, A.** (2018, March). [Review of book *Refuge in the Lord: Catholics, presidents & the politics of immigration, 1981-2013*, by L. J. McAndrews]. *Presidential Studies Quarterly*, 48(1), 192-193.

An article by Dr. Chong Ho (Alex) Yu, Department of Psychology, and a student has been published in a journal.

**Yu, C. H., & Lee, H. S.** (2018, April). A multi-disciplinary inquiry of secular and Christian approaches to sex education. *Journal of Research on Christian Education*, 27(1), 76-100. doi: 10.1080/10656219.2018.1442270

Abstract:

Secular scholars have criticized Christian education and counseling on sex as restrictive, ineffective, and outdated. The authors of the current study explored both common non-Christian and Christian approaches to human sexuality with reference to overarching domains of religion, philosophy, psychology, sociology, and anthropology. Secular approaches were classified as the inward approach, the spatial approach, and the temporal approach, whereas Christian approaches were categorized as the traditional and the modern perspectives. Although Christian faith can be signified as a protective factor against casual and risky sexual behaviors, traditional Christian values should be reevaluated in favor of comprehensive Christian approaches to sexuality, which embrace sexual desires as divine gifts for completeness of humanity

## PRESENTATIONS

A presentation by Dr. Fidel Arnecillo, Adjunct Lecturer, Department of Philosophy, was shared at an international conference.

**Arnecillo, F.** (2018, February). *Uniqueness and identity*. Paper presented at the 5<sup>th</sup> Annual Claremont Forum Humanum Seminar: The Unique, the Singular, and the Individual, Claremont Graduate University, Claremont, CA.

A paper written by Dr. Joseph Bentz, Department of English, was presented at a national conference.

**Bentz, J.** (2018, April). Bridging the gap between Hemingway's *The sun also rises*, McLain's *The Paris wife*, and Blume's *Everybody behaves badly*. Paper presented at the national conference of the College English Association, St. Petersburg, FL.

Abstract:

One of Ernest Hemingway's most enduringly popular novels is his first, novel, *The Sun Also Rises*, published in 1926. It is set in the mid-1920's in Paris and Spain and is based on a real-life vacation in Spain that Hemingway took to Pamplona with his wife and a select group of friends. It is famous as an example of Hemingway's distinctive style, its depiction of the running of the bulls and other scenes, and its representation of what came to be known as the "Lost Generation" of the post-World War I era. In teaching *The Sun Also Rises* in an M.A. course on Hemingway at APU, I wanted to approach the novel from an innovative perspective. This conference paper is an analysis of that approach, which I believe gave the students a richer understanding of the novel, the novel-writing process, and Hemingway himself. In studying *The Sun Also Rises*, the students read several texts. First they read the novel itself, along with the early drafts and discarded portions of the book that are included in a new edition of the book. The novel is highly

autobiographical, but one significant person Hemingway did not include in his fictionalized version of the story is wife, Hadley. In 2011, novelist Paula McClain wrote a novel called *The Paris Wife*, in which she fictionalizes the events that led to *The Sun Also Rises* but includes Hadley in the story, with much of the novel from Hadley's perspective. My students read that novel, and then they read Lesley M.M. Blume's 2017 book, *Everybody Behaves Badly: The True Story Behind Hemingway's Masterpiece The Sun Also Rises*. This non-fiction analysis provides many more details that the other two books do not include. The students were fascinated by the ways *The Paris Wife* and *Everybody Behaves Badly* helped them see *The Sun Also Rises* in much more complex ways. In many literature classes, only the final, published version of a work is available to students, but this approach added a depth to the study that helped us as we studied other Hemingway novels throughout the semester.

A paper written by Dr. David R. Dunaetz, Department of Leadership and Organizational Psychology, was presented at a regional conference.

**Dunaetz, D. R.** (2018, March). *The Mum effect, social media, and evangelism*. Paper presented at the Evangelical Missiological Society 2018 Southwestern Regional Conference, La Mirada, CA.

A presentation by Donna Gallup, MSW, LSW, Department of Social Work, and colleagues was shared at a state conference.

Wong, B., **Gallup, D.**, Matricardi, A., Cavanaugh, B., & Bruch, R. (2018, March). *PreFabulous housing: Faster, greener, smarter*. Presented at the Housing California Conference, Sacramento, CA.

A presentation by Donna Gallup, MSW, LSW, Department of Social Work, and colleagues was shared at a regional conference.

Wong, B., Bittner, C., **Gallup, D.**, Matricardi, A., Cavanaugh, B., & Bruch, R. (2017, October). *PreFabulous housing: Faster, better, greener, smarter, savings!* Presented at the San Diego Housing Federation Affordable Housing Conference, San Diego, CA.

A presentation by Dr. Mary Shepard Wong, Department of Global Studies, Sociology, and TESOL, and a colleague was shared at an international conference.

**Wong, M. S.**, & Lahtaw, D. (2018, March). *Marginal identity as resource: Voices from 12 NNESTs in Myanmar*. Paper presented at the TESOL International Association (TESOL) Convention, Chicago, IL.

### EXPERTISE SHARED

The expertise of Dr. Roberta (Bobbie) Alba, Department of School Counseling and School Psychology, was shared at a local workshop.

**Alba, R.** (2018, March). *The seventh empty box: What is in your box? Leaving a legacy of faith.* Presented at Fullerton First Christian Church, Fullerton, CA.

The expertise Dr. Fidel Arnecillo, Adjunct Lecturer, Department of Philosophy, was shared at a university.

**Arnecillo, F.** (2018, March). *Uniqueness and identity.* Philosophy talk presented at the University of Redlands, Department of Philosophy, Redlands, CA.

The expertise of Dr. Mary Shepard Wong, Department of Global Studies, Sociology, and TESOL, was shared as an invited speaker at a workshop.

**Wong, M.S.** (2018, March). *International collaboration to support student advocacy.* Invited speaker at the TESOL International Association, TESOL Affiliate Workshop, Chicago, IL.

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## **PUBLICATIONS**

An article by Dr. Constance Milton, School of Nursing, was published in a journal.

**Milton, C. L.** (2018). Will nursing continue as the most trusted profession? An ethical overview. *Nursing Science Quarterly*, 31(1), 15-16. doi:10.1177/0894318417741099

**Abstract:**

Trust-mistrust is a paradoxical rhythm found in all healthcare disciplines. The discipline of nursing has traditionally been regarded as *the most trusted*. What are the ethical obligations for professional nurses in establishing community relationships of trust according to societal needs and desires? Specifically, the author seeks to conceptualize and discern potential implications for fiduciary trust and the future of nursing as a healthcare discipline.

An article by Dr. Chong Ho (Alex) Yu, Department of Psychology, Dr. William Whitney, Department of Psychology, and students was published in a journal.

**Yu, C. H., Whitney, W., Brown, E., Gan, S., & Lee, H. S.** (2018). Surveying the relationship between views of scripture and attitudes towards science. *Perspectives on Science and Christian Faith*, 70(1), 3-18.

**Abstract:**

The relationship between science and religion has too often been characterized in the United States by heated debates and strong accusations. The public is given a perspective of conflict between these two domains and is swayed to support either science or religion. This study aims to evaluate this relationship based on archival data from the National Opinion Research Center. It was found that participants who viewed the Bible as the Word of God in a literal sense earned lower test scores in objective science tests and were less interested in taking science courses than those who did not hold this view. This is a conflict between a way of interpreting scripture and science, rather than a conflict between Christianity and science per se. Efforts should be devoted to helping Christians develop positive ways to engage science and promote working within scientific fields of inquiry.

## **PRESENTATIONS**

A presentation by Dr. Tolu Noah, Department of Liberal Studies, was shared at a national conference.



**Noah, T.** (2018, February). *Laying the foundation for productive dialogue about diversity*. Presented at the 2018 Lilly Conference, Anaheim, CA.

### **EXPERTISE SHARED**

The expertise of Dr. Verónica Gutiérrez, Department of History and Political Science, was shared at a university.

**Gutiérrez, V. A.** (2018, February). *Luther in the new world: Native people and reformation in sixteenth-century New Spain*. Public Lecture for the Program on the Historical Studies of Religions at Baylor University's Institute for the Studies of Religion, Waco, Texas.

The expertise of Dr. Jennifer Payne, Department of Social Work, was shared at a church-related mental health event.

**Payne, J.** (2018, February). *Your mind is a terrible thing to waste*. Designated keynote speaker at Proverbs 9:11 Health and Wellness Revival (Black History Event), Shining Light Praise Temple, Lancaster, CA.

### **APPOINTMENTS**

Dr. Marcia Berry, Department of Communications Studies, Honors College, was selected to serve as editor of a journal for a two-year term.

**Berry, M.** (2017-2019). [Selected member, associate managing editor], *Journal of Christian Teaching Practice*, Christianity & Communication Studies Network.

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**PUBLICATIONS**

A book review by Dr. Jennifer Buck, Department of Practical Theology, was published in an online journal.

**Buck, J.** (2018, February). [Review of the book *Radical friendship: The politics of communal discernment*, by R. A. Newson]. *Syndicate*. Retrieved from <https://syndicate.network/symposia/theology/radical-friendship/>

An edited transcript of a panel presentation including Dr. Diana Pavlac Glycer, Honors College, was published in conference proceedings.

**Glycer, D. P.** (2017). The future of inklings studies. In J. Ricke & R. Hill (Eds.), *Inklings forever volume X: Papers from the 10<sup>th</sup> Frances White Ewbank colloquium on C.S. Lewis & friends*, (pp. 406-421). Upland, IN: Winged Lion Press.

A review essay by Diana Pavlac Glycer, Honors College, was published in an annual journal.

**Glycer, D. P.** (2017). Approaches to teaching Tolkien's the lord of the rings and other works. *Tolkien Studies: An Annual Scholarly Review*, 14, 201-204. Morgantown, WV: West Virginia University Press.

An article written by Dr. Daniel Park, School of Business, and a colleague was published in a journal.

**Park, D., & Tobing, E.** (2017, winter). Why do some employees choose only the minimum retirement contribution? Evidence from a medium-size, private university. *Advances in Financial Education*, 108-119.

An article written by Dr. Samuel Sambasivam, Chair Emeritus, Department of Engineering and Computer Science, and colleagues was published in a journal.

McMaster, K., Wolthuis, S. L., Rague, B., & **Sambasivam, S.** (2018, February). A comparison of key concepts in data analytics and data science. *Information Systems Education Journal*, 16(1), 33-40.

Abstract:

This research study provides an examination of the relatively new fields of Data Analytics and Data Science. We compare word rates in Data Analytics and Data Science documents to determine which concepts are mentioned most often. The most frequent concept in both fields is data. The word rate for data is more than twice the next highest word rate, which is for model. This contrasts sharply with how often the word data appears in most Mathematics books. Overall, we observed substantial agreement on important concepts in Data Analysis and Data Science. Eighteen of the 25 most frequent concepts are shared by both fields. One difference is that the words problem and solution had Top 25 word rates for Data Science, but not for Data Analytics. A close look at Statistics concepts suggests that Data Analytics is more focused on exploratory concerns, such as searching for patterns in data. Data Science retains more of the classical inferential activities that use sample data to draw conclusions about populations. Both fields deal with Big Data situations, but Data Scientists must continue to be prepared for traditional small sample applications.

## PRESENTATIONS

A presentation by Dr. Roberta (Bobbi) Alba, Department of School Counseling and School Psychology, and colleague was shared at an international conference.

**Alba, B.**, & Nishi, M. (2018, January). *Transformative school counseling in the United States and Japan*. Presented at the 16<sup>th</sup> Annual Hawaiian International Conference on Education (HICE), Honolulu, Hawaii.

A presentation by Dr. Roberta (Bobbi) Alba, Department of School Counseling and School Psychology, was shared at a national conference.

**Alba, B.** (2018, Feb.). *Scaling strategies for professional school counselor success*. Presented at the Linked Learning Convention, Anaheim, CA.

A presentation by Dr. William Loose, Department of Educational Leadership, and Dr. Janet Hanson, Department of Educational Leadership, was presented at an international conference.

**Loose, W.**, & **Hanson, J.** (2018, January). *Developing 21st century global citizens through a five-way multi-lingual inter-disciplinary educational program*. Paper presented at the 16<sup>th</sup> Annual Hawaiian International Conference on Education (HICE), Honolulu, Hawaii.

Abstract:

This session regards a case study documenting the necessary steps to develop a program to develop 21st global citizens who are multi-lingual through an interdisciplinary approach using the

following five dimensions: English, Spanish, Mandarin, language immersion programs; Technology through a digital 1:1 initiative program; and Leadership through the Leader in Me program. Additionally, insights as to how such a program could be replicated in other school districts with key steps and best practices are provided.

A poster session by Dr. William Loose, Department of Educational Leadership, was presented at an international conference.

**Loose, W.** (2018, January). *Faith integration in university curriculum and course offerings.*

Poster session presented at the 16<sup>th</sup> Annual Hawaiian International Conference on Education (HICE), Honolulu, Hawaii.

A paper presentation by Dr. Don Thorsen, APU Seminary, was shared at a national conference workshop.

**Thorsen, D.** (2017, November). *Theology of climate justice: An evangelical perspective.* Paper

presented at Convening Table on Theological Dialogue and Matters of Faith and Order, National Council of Churches, Silver Spring, Maryland.

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**PUBLICATIONS**

A short story written by Dr. Thomas Allbaugh, Department of English, was published in an anthology.

**Allbaugh, T.** (2017, December). The other pictures. In J. Sykes (Ed.), *Broken skyline: An anthology by 67 Press* (pp. 108-116). Winston Salem, NC: 67 Press.

An article by Dr. Laurie Schreiner, Chair, Department of Higher Education, Dr. Young Kim, Department of Higher Education, and colleagues was published in a journal.

Cuevas, A. P., **Schreiner, L. A., Kim, Y. K.,** & Bloom, J. (2017). Honors student thriving: A model of academic, psychological, and social wellbeing. *Journal of the National Collegiate Honors Council, 18*(2), 79-120.

Abstract:

Little is empirically known about the holistic success and wellbeing of Honors College students. This study of 945 students from 11 honors programs in U. S. colleges and universities was guided by the following research questions: To what extent does a model of college student thriving fit a national sample of honors students? And To what extent do campus involvement, spirituality, student-faculty interaction, and a psychological sense of community contribute to honors student thriving during a semester, after controlling for demographic characteristics and pre-existing levels of thriving? Findings revealed that 60% of the variation in thriving could be explained by the proposed model and that the pathways to thriving differed for honors students when compared to the national model. Honors students were significantly lower in their Social Connectedness scores, but Campus Involvement was a more powerful pathway to their thriving than seen in traditional students. Student-faculty interaction was a less significant pathway than in traditional students, as was spirituality. Implications for honors programming were suggested.

An article by Dr. Eric Davis, Department of Biology and Chemistry, a colleague and students was published in a journal.

**Davis, E., Jones, M., Thiel, D.A., & Pauls, S.** (2018, February). Using open-source, 3D printable optical hardware to enhance student learning in the instrumental analysis laboratory. *Journal of Chemical Education*. doi:10.1021/acs.jchemed.7b00480

Abstract:

Additive manufacturing (3D printing) is a technology with near-unlimited potential for the chemical educator. However, its adoption into higher education has been limited by the dual requirements of expertise in 3D printing and 3D computer-aided design (CAD). Thus, its reported utilization in the chemistry curriculum has been within the creation of 3D models for the macroscopic visualization of molecular models and processes. With the commercialization of inexpensive 3D printers, we seek to provide a series of optical mounts and tools for use in chemical research or education by designing systems which may be mounted on a breadboard and used to construct chemical instrumentation. These designs include mounts for cylindrical lenses or mirrors with 0.5, 1, and 2 in. diameters, 0.5 in. diffraction gratings, an adjustable optical slit, cuvette holders, stepper motor (NEMA 17) adapters, and a modular, 3D printed breadboard. All designs were created using Solidworks CAD, and have been provided in Supporting Information and uploaded to <https://github.com/EdavisAPU/Education-Optics> in both Solidworks native format (\*.SLDPRT) and a standard file exchange format for 3D objects (\*.STL) format for use, modification, or collaboration. All files are released under the MIT Open-Source license (modified for Design). In comparison with commercially available products, the prototypes presented herein provide significant cost-savings, with many designs 1–2 orders of magnitude cheaper than commercial equivalents. In addition, these designs have been utilized in an upper division instrumental analysis course as students designed and constructed a visible spectrophotometer using these optical devices. Data from the resultant instrument is presented and compared with a commercially available spectrophotometer.

A chapter written by Mary Lynne Knighten, DNP, RN, NEA-BC (adjunct), was published in a book.

**Knighten, M.L.** (2018). Health care grant writing in acute, ambulatory and community care. In K.T. Waxman (Ed.), *Financial and business management for the doctor of nursing practice* (2<sup>nd</sup> edition, pp. 287-313). New York, NY: Springer Publishing Company.

An article written by Dr. Constance Milton, Associate Dean of Administration and Accreditation, School of Nursing, was published in a journal.

**Milton, C.** (2017). The ethics of big data and nursing science. *Nursing Science Quarterly*, 30(4), 300-302.

Abstract:

Big data is a scientific, social, and technological trend referring to the process and size of data sets available for analysis. Ethical implications arise as healthcare disciplines, including nursing, struggle over questions of informed consent, privacy, ownership of data, and its possible use in epistemology. The author offers straight-thinking possibilities for use of big data in nursing science.

A chapter by Dr. Don Thorsen, APU Seminary, was published in a book.

**Thorsen, D.** (2017). The revelation to John, prisoner on the island of Patmos. In A. Kireopoulos, M. J. Budde & M. D. Lundberg (Eds.), *Thinking theologically about mass incarceration: Biblical foundations and justice imperatives* (Faith and Order Commission Theological Series, National Council of Churches, pp. 147-157). New York, NY: Paulist Press.

## PRESENTATIONS

A presentation by Dr. Chong Ho Yu, Dr. Louise Huang (adjunct), Department of Psychology, and students was shared at a conference.

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 the Southern California Christians in Science Conference. Riverside, CA.

### Abstract:

Prior research indicated that Evangelical Christians and Christians who subscribe to the view that the Bible is the literal revelation of God tend not to support environmental protection. Various theories had been proposed to explain this phenomenon, such as favoring the spiritual over the physical; eschatology as the destruction of this world rather than renewing the cosmic order, etc. As a remedy, a faith integration component emphasizing the duty of stewardship was included in a science class at a Southwestern Christian University. The aims of this study are three-folded: First, the research team examined the channels of information used by the participants to acquire their knowledge of environmental science and develop their theological position on the relationship between human and nature. Second, based upon the survey data the research team studied whether faith status of the participants (I continue to attend church and have faith in Christ, I still attend church but have serious doubts of my faith in Christ, I have not attended church for over one year but I maintain my faith in Christ, I am not attending church and have abandoned my faith in Christ) influenced how they developed their attitudes towards environmental protection and selected their information sources. Third, the research team investigated whether the faith integration program could influence how they selected data sources and whether they would re-consider their theological position after the treatment. This can shed light in the holistic approach of environmental science education at other Christian universities.

A presentation by Dr. Kathleen Tallman, Department of Biology and Chemistry, was shared at a regional conference.

**Tallman, K.G.** (2018, January). *Faith integration as a transforming experience for pre-clinical students*. Presented at the American Scientific Affiliation's Southern California Christians in Science Chapter 2017 Day Conference, California Baptist University, Riverside, CA.

### Abstract:

Clinical examples are often used in basic science courses to demonstrate the relevance and application of material to clinical practice. At a faith-based institution it is also important to prepare students to be compassionate and caring practitioners. How does one “teach” empathy? Does this have a place in basic science curriculum? In a recent course, examples of abnormal gait initiated a sense of shock or disbelief for some students as they perceived the impact on daily life. A series of faith integration assignments using published literature provided a context for understanding the roles of curing and healing from a Christian world view. In the first faith integration assignment “Learning to Cure, but Learning to Care?” B. Michalec compares the psychological and medical definitions of empathy. The author proposes that empathy would receive greater focus from students if it is tested on exams. In a second article entitled “What are Bodies For: An Integrative Examination of Embodiment” E.L. Hall describes multiple world

views of embodiment including dualism, modernism, post-modernism, social science, and theology. Students discuss embodiment in the context of cadaver anatomy. In the third article “Your Faith Has Made You Well’: Healing and Salvation in Luke 17:12-19” F.J. Gaiser discusses the story of the ten lepers who were cured and the one who returned to Jesus to give thanks. Students discuss the difference between cure and healing in the story and how they relate to embodiment as discussed in the second assignment. Jesus’ demonstration of compassion is compared to the psychological and medical definitions given in the first assignment. When students expressed shock and disbelief at gait patterns and the effects on mobility, these faith integration assignments provided a rich context for discussions regarding compassion, imago dei, human dignity, disability, healing, and cure. In the end, exam questions were used as one way for students to respond to the class experience. Knowing that many students in the course were in the medical school application process and may not study medicine in a faith-based medical school spurred and encouraged addressing these issues at the pre-clinical stage.

A presentation by Dr. Chong Ho Yu, Department of Psychology, was shared at a conference.

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

Abstract:

Some religious apologists insist that Scripture contains scientific truths. This approach of harmonizing Scripture and science is known as Concordism. For example, Jewish physicist Gerald Schroeder asserted that through the lens of relativity it is entirely possible for God to create the world in six days. As Psalms 90: 4 says, “A thousand years in your (God) sight are like a day that passes.” In a similar vein, a Christian astronomer suggested that the Book of Job entails the knowledge of an expanding universe, dark matter, and dark energy. Indeed, Concordism is subject to the fallacy of apophenia: A psychological tendency to attribute meaning to perceived connections between unrelated matters. The theory of an expanding universe is supported by the works of Edwin Hubble, Arno Penzias, and Robert Wilson. However, they never said that their research was inspired by the Book of Job. Similarly, no scientist ever declared that their research on dark matter and dark energy is built on the foundation of the Bible. We can easily find some verses in the Bible that seem to be compatible with modern scientific concepts, but this type of retrofit has no predictive power at all. During the 16th and 17th centuries Job 38: 4 (Where were you when I [God] laid the earth’s foundation?) and Psalm 104: 5 (He [God] set the earth on its foundations, so that it should never be moved) were often quoted to support the notion that the earth is a stationary planet. British Christian mathematician John Lenox defended the scientific soundness of Scripture by saying that God has built certain stabilities into the planetary system that guarantees its existence. In this case, no matter whether the earth is immovable or orbiting around the sun, the Bible is still considered compatible with science. If a theory can never be falsified, then it has no scientific merit. Retrospectively fitting scientific data into Bible verses is easy. The acid test of Concordism is whether today Christian scientists can develop a scientific theory based on the Bible, and then the theory is verified with empirical data in the future.

## EXPERTISE SHARED

The expertise of Steve Jung, M.S., M.Div. (adjunct), Department of Biblical and Religious Studies, Information Specialist at University Libraries, was shared as a keynote speaker at a university.



**Jung, S.** (2018, February). *Lifelong information literacy*. Keynote presentation at Faculty Development Day, Bethesda University, Anaheim, CA.

The expertise of Dr. Don Thorsen, APU Seminary, was shared as an invited lecturer.

**Thorsen, D.** (2017, October). *500<sup>th</sup> anniversary of the Protestant reformation: Leadership of Martin Luther*. Invited lecture presented at Daeshin University, Daegu, South Korea.

**Thorsen, D.** (2017, November). *Reformed and always reforming: Luther, Cranmer, Calvin, and Wesley*. Invited lecture presented at Daeshin University, Daegu, South Korea.

Azusa Pacific University

***Faculty Scholarship Updates***

January 26, 2018

*Vol. XIII* (10)

**PUBLICATIONS**

An article by Dr. Joseph Bentz, Department of English, was published in a journal.

**Bentz, J.** (2017, January). Who are you calling a genius? Reconsidering the Wolfe/Perkins relationship. *Thomas Wolfe Review*, 40(1 & 2), 23-40.

Abstract:

In “Who Are You Calling a Genius? Reconsidering the Wolfe/Perkins Relationship,” Joseph Bentz analyzes Wolfe’s relationship with his first editor, Maxwell Perkins. He also examines Bernard DeVoto’s stinging criticism about the artistic control and editing of Wolfe’s second novel, *Of Time and the River*. Drawing on contemporary writing theory and practice, Bentz provides useful context for discussing the Wolfe/Perkins relationship and offers a positive explanation about the collaboration that took place between the two men. Although Wolfe “relied on the Platonic view of the author as the solitary genius,” Bentz argues that he drew his story “not from thin air” but from the influence of other writers who went before him. He discusses the concepts of author and authorship and considers the dynamics at the heart of Wolfe’s relationship with Perkins, which the recent film *Genius* showcases.

An article by Dr. David Dunaetz, Department of Leadership and Organizational Psychology, and a colleague was published in a journal.

**Dunaetz, D. R., & Greenham, A.** (2018, January). Power or concerns: Contrasting perspectives on missionary conflict. *Missiology: An International Review*, 46(1), 67-85.

doi:10.1177/0091829617737499

Abstract:

Among the consequences of conflicts between missionaries are a reduction in ministry effectiveness and an increase in the likelihood of missionary attrition. In contrast to perspectives of conflict management in Christian contexts which tend to focus on power (condemning the other party as sinful, enforcing submission to the hierarchical superior, or separation of the conflicting parties), the dual concern model of conflict management views conflict as an opportunity to understand each party’s concerns so that the two parties may cooperate and find solutions that correspond to the interests of both parties (Phil. 2:4). The dual concern model also predicts conflict behaviors (i.e., forcing, submission, or avoidance) when the interests of both parties are not considered. A qualitative analysis of data collected from present and former missionaries describing power issues (N = 34) indicates that the dual concern model of conflict management can be used to predict conflict behaviors and outcomes, even when conflicts are initially framed in terms of power. Recommendations for increasing cooperation between

missionaries include better training in conflict management, the creation of mediation systems, and the development of an organizational culture that promotes cooperation.

A chapter by Dr. Kirsten Oh, Department of Practical Theology, was published in a book.

**Oh, K. S.** (2018). Embraced in God's trembling-womb love: A theology of adoption. In J. Swinton & B. Brock (Eds.), *A graceful embrace: Theological reflections on adopting children* (pp. 195-204). Netherlands: Brill Publishers.

## PRESENTATIONS

A presentation by Dr. Chong Ho (Alex) Yu, Department of Psychology, and Dr. Lewis Bonney, Department of School Counseling and School Psychology, was shared at an international conference.

**Bonney, L., & Yu, C. H.** (2018, January). *Sharing tacit knowledge for school improvement*.

Paper presented at the International Congress for School Effectiveness and Improvement 2018, National Institute of Education, Singapore.

Abstract:

The study provides a pathway for sharing tacit leadership knowledge learned on the job for school improvement. Tacit knowledge (TK) is goal-directed, and action-oriented knowledge accumulated on the job. As the name implies, TK is implicit and not clearly articulated. Interviews with sixteen elementary school principals yielded sixty-six examples of tacit leadership knowledge. We coded the examples of knowledge into an IF THEN BECAUSE (ITB) common format for sharing with peers. We recruited a five-member expert panel to conceptualize the examples into meaningful clusters for knowledge management. The panel members independently sorted the sixty-six examples of tacit knowledge into categories of their choosing. Multi-dimensional scaling yielded a two dimensional point map to visually represent a combination of the five panel members' groupings of the data. The visual representation of the data revealed six clusters of tacit knowledge. The contents of each cluster included a group of conceptually similar statements representing what principals have learned on the job about leading schools to improved student achievement. Our subjective labels for the clusters suggest principals have learned on the job how to (1) manage conflict and build trust, (2) set expectations for all members of the school community, (3) modify teacher perceptions about student learning, (4) establish sustainable practices in professional development, (5) prompt dispositions for collaboration and (6) enhance teaching practices. The clusters provide a resource for learning from peers, and building leadership knowledge for practice from the experience of peers. The research defines a pathway for sharing and sustaining organizational knowledge.

A poster presentation by Dr. Rick Sturdivant, Department of Engineering and Computer Science, Dr. Enson Chang, Department of Math and Physics, and students was shared at an international conference.

**Chang, E., Sturdivant, R., Quilici, B., & Patigler, E.** (2018, January). *Micro and mini drone classification based on coherent radar imaging*. Poster session presented at the IEEE Radio and Wireless Week Conference, Anaheim, CA.

A presentation by Adjunct Professor, Andrew Henck, M.A., Director of the Center of Career and Calling, was shared at an international conference.

**Henck, A.** (2017, October). *Teaching for turbulence: Reimagining the values and virtues of leadership in changing times*. Paper presented at the 2017 International Leadership Association Global Conference, Brussels, Belgium.

A panel presentation by Dr. Keith Reeves, Department of Biblical and Religious Studies, was shared at an international conference.

**Reeves, K.** (2018, January). *What perspective does the Bible offer us on economic wisdom?* Panel discussion presented at The Karam Forum (an Oikonomia Network event), Sheraton Gateway Hotel, Los Angeles, CA.

A presentation written by Dr. Rick Sturdivant, and Dr. James Yeh, Department of Engineering and Computer Science, colleagues, and students was shared at an international conference.

**Sturdivant, R., Yeh, J.,** Stambaugh, M., Zahnd, A., Villareal, N., Vetter, C.K., Rohweller, J.D., Martinez, J.F., Ishii, J.M., Brown, R.A., & Arkie, A.M. (2018, January). *IoT enabled pico-hydro electric power with satellite back haul for remote Himalayan villages*. Paper presented at the Topical Workshop on The Internet of Space, IEEE Radio and Wireless Week Conference, Anaheim, CA.

A workshop presentation by Dr. Rick Sturdivant, Department of Engineering and Computer Science, was shared at an international conference.

**Sturdivant, R.** (2018, January). *Challenges and opportunities for the internet of space*. Presented at the Microwaves, Cubesats, and Small Satellites Workshop, IEEE Radio and Wireless Week Conference, Anaheim, CA.

A presentation by Dr. Rick Sturdivant, Department of Engineering and Computer Science, and colleague was shared at an international conference.

**Sturdivant, R., & Lee, J.** (2018, January). *Systems engineering of IoT connectivity in commercial airliners using satellite backhaul links*. Paper presented at the Topical Workshop on the Internet of Space, IEEE Radio and Wireless Week Conference, Anaheim, CA.

Two papers by Dr. Mary Wong, Department of Global Studies, Sociology, & TESOL, graduate students, and alumna were presented at an international conference.

**Wong, M. S., Flynn, K.F., Tundevold, O., & Ray, M.** (2018, January). *Increasing intercultural competence in ourselves and our students*. Paper presented at the ThaiTESOL Conference, Chiang Mai, Thailand.

**Wong, M. S., Tundevold, K., Wan, L., & Ortiz-Llamas, M.** (2018, January). *Professional development in the digital age*. Paper presented at the ThaiTESOL Conference, Chiang Mai, Thailand.

### EXPERTISE SHARED

The expertise of Dr. Rukshan Fernando, Associate Dean, School of Behavioral and Applied Sciences, was shared at a church service.

**Fernando, R.N.** (2018, January). *Consecrating our lives as a viable setting for holistic renewal and reconciliation*. Chapel sermon presented at Light and Life-West Church, Long Beach, CA.

The expertise of Dr. Rukshan Fernando, Associate Dean, School of Behavioral and Applied Sciences, and colleague was shared at an Intervarsity conference.

**Fernando, R.N., & Fernando, J.L.** (2018, January). *Navigating honorary whiteness: Honest conversations around whiteness and Asian American identity*. Presentation at Venn Diagram: Asian Identity, Christian, & Politics, Southern California Intervarsity Christian Fellowship, Los Angeles, CA.

The expertise of Dr. Rick Sturdivant, Department of Engineering and Computer Science, was shared as co-organizer and co-chair of an international conference workshop.

**Sturdivant, R.** (2018, January). [Co-chair and co-organizer], *Microwaves, Cubesats, and Small Satellites*. Workshop conducted at the IEEE Radio and Wireless Week Conference, Anaheim, CA.

The expertise of Dr. Rick Sturdivant, Department of Engineering and Computer Science, was shared on a conference committee.

**Sturdivant, R.** (2017, June). [Technical program review committee], IEEE International Microwave Symposium, Philadelphia, PA.

The expertise of Dr. Rico Vitz, Chair, Department of Philosophy, was shared while teaching a course to middle school and high school students.

**Vitz, R.** (2017-2018). *Ethics* [Instructor], Taught 15 week course, St. Peter's Home School Cooperative, Pomona, CA.

The expertise of Dr. Mary Wong, Department of Global Studies, Sociology, & TESOL, was shared at an international workshop Dr. Wong conducted.

**Wong, M.** (2018, January). *Pedagogies of Peace* [Workshop conductor], Two day workshop presented at Jefferson Center (funded by the Bureau of Educational and Cultural Affairs of the U.S. Department of State and World Learning), Mandalay, Myanmar.

Azusa Pacific University  
***Faculty Scholarship Updates***

January 12, 2018

*Vol. XIII (9)*

**PUBLICATIONS**

A book review by Jennifer Argueta, MLIS, University Libraries, was published in a journal.

**Argueta, J.** (2017, December). Bly's wind in the wires: A trails of Reba Cahill novel [Review of the book *Wind in the wires: A trails of Reba Cahill novel*, by J.C. Bly]. *The Christian Librarian*, 60(2), article 108.

A book review by Michael DeVries, PhD (Cand.), Department of Biblical and Religious Studies, was published in a journal.

**DeVries, M.** (2018, January). [Review of the book *The Qumran paradigm: A critical evaluation of some foundational hypotheses in the construction of the Qumran sect*, by G. de Looijer]. *The Expository Times*, 129(4), 180-81.

A chapter by Dr. Viv Grigg, APU Seminary, was published in a book.

**Grigg, V.** (2017, September). A biblical theology of land and ownership. In A.V. Eymeren, A. Barker, B. McCabe, & C. Elisara (Eds.), *Urban shalom & the cities we need* (pp. 193-213). Birmingham, UK: Urban Shalom Publishing.

**Abstract:**

Grassroots capitalism and wealth production are built on clarity of land ownership. Today over half the world have been dispossessed of land and half of those live in the slums. The scriptures in five movements from landlessness to landedness address issues of engagement in the critical pastoral struggle with the violence of dispossession and the grace that enables facilitation of land rights for the urban poor.

A literary analysis written by Adjunct Nanette Kulman, MS, Department of English, was published in an online journal.

**Kuhlman, N.** (2017, November). Literature in the gap: The middle way in Kipling's Kim. *Anastamos Interdisciplinary Journal*, 2. Retrieved from:

<https://anastamos.chapman.edu/index.php/portfolio-item/literature-in-the-gap-the-middle-way-in-kiplings-kim/>

An article by Dr. Ismael Lopez-Medel, Department of Communication Studies, was published in a journal.

**Lopez-Medel, I.** (2017, Fall). Using Super Bowl 2017 commercials to teach about diversity.

*Journal of Advertising Education* (Special issue on diversity in advertising), 21(2), 33-44.

Abstract:

This paper examines the idea of using advertising to facilitate difficult conversations about diversity, politics, race and gender in the classroom. In our current tense political climate, I explore how cultural competence can be developed in the classroom by introducing topics related to diversity through the viewing of Super Bowl 2017 commercials. This paper discusses the cultural competence model and the spiral of silence theory in the classroom and presents a case study developed in the Spring 2017 semester. The goal was to promote fruitful conversations about difficult topics, and the Super Bowl commercials proved to be the ideal tool. The course utilized for this activity was an introductory course to Public Relations. The method of analysis was an adaptation of Arthur Asa Berger's model of semiotic analysis of ads. The conversations revolved around three main issues: diversity, immigration and gender roles. The teaching experience fostered a healthy discussion and eased the initial reticence to engage in such difficult topics.

An article by Dr. Loren Martin, Department of Clinical Psychology, and students was published in a journal.

**Martin, L. A.,** Iceberg, E., & Allaf, G. (2017, December). Consistent hypersocial behavior in mice carrying a deletion of Gtf2i but no evidence of hyposocial behavior with Gtf2i duplication: Implications for Williams–Beuren syndrome and autism spectrum disorder. *Brain and Behavior*. doi:10.1002/brb.895

An article by Dr. Laurie Schreiner, Chair, Department of Higher Education, was published in a journal.

**Schreiner, L. A.** (2018, January). What good is Christian higher education? *Christian Higher Education: An International Journal of Research, Theory, and Practice*, 17(1-2), 33-49.

Abstract:

This article presents the results of an analysis of recent survey data collected from Council for Christian Colleges & Universities' students and alumni to address the research question, "To what extent are CCCU students and alumni significantly different from their counterparts in other types of universities, based on data collected through national surveys?" Survey data from 33,128 CCCU students and alumni were analyzed from the 2016 National Survey of Student Engagement, the 2015 Student Satisfaction Inventory, and the CARDUS Education Survey in 2011 and 2014. Comparisons to benchmark private institutions and to alumni from nonreligious private colleges, Catholic colleges, public universities, and non-CCCU religious colleges were made via independent sample t-tests and regression analyses. The findings were analyzed in light of the individual good, the common good, and the Kingdom good of Christian higher education,



concluding that there may be a misalignment between the stated mission of Christian higher education and some of the outcomes observed in students and alumni. The implications of these findings are presented, along with recommendations for leaders and educators within Christian colleges and universities.

An article by Dr. Regina Trammel, Social Work Department, was published in a journal.

**Trammel, R. C.** (2017, December). A phenomenological study of Christian practitioners who use mindfulness. *Journal of Spirituality and Mental Health*, 1-26.  
doi:10.1080/19349637.2017.1408445

Abstract:

Mindfulness is the practice of present-moment awareness with non-judgment. Mindfulness-based therapies draw from secular or Buddhist frameworks. Including other religious traditions that also incorporate mindfulness assists in skill attainment. This descriptive phenomenological study explores the lived experience of nine Christian mental health practitioners. Three themes resulted: a divine presence in session guides and affirms practitioners work; practitioners' increased attunement to clients in clinical work; and integration of the sacred and the secular in treatment. Practitioners using mindfulness with clients strengthened their ability to be aware of spiritual aspects of themselves suggesting implications for training mental health practitioners to enhance therapeutic praxis.

## PRESENTATIONS

A presentation by Dr. Loren Martin, Department of Clinical Psychology, and students was shared at an international conference.

Hsu, F., **Martin, L. A.**, Iceberg, E., Gonzalez, B., Allaf, G., Ladner, J., & Erskine, N. (2017, June). *The role of the corpus callosum on sustained attention: A study of agenesis of the corpus callosum in BTBR T+tf/J mice*. Presented at the 2017 International Behavioral Neuroscience Society Annual Meeting, Hiroshima, Japan.

A presentation by Dr. Robert Mullins, Chair, Department of Biblical and Religious Studies, was shared at an international meeting.

**Mullins, R.** (2017, November). *Results of the fifth season of excavations at Tel Abel Beth Maacah*. Paper presented at the Annual Meeting of the American Schools of Oriental Research, Boston, MA.

Abstract:

The continuing excavations at Abel Beth Maacah have shed new and important light on the site's occupation during the time of the Israelite kings. In Area A, the extensive administrative industrial complex with its unique architecture was found to continue further to the west and north. Moreover, for the first time, traces of destruction were identified, indicating that the building complex came to an end during the terminal phase of the lower city in the late 11th to early 10th century BC (the time of Samuel, Saul, and David). Further remains from this time were exposed in Area B in the upper city, where new and important details on nature of the site's

occupation during the monarchical period. The focus was on massive walls that might be part of a citadel or fortification. This building produced a unique figurine head of a bearded male. Its ethnicity is unclear, but it could be Aramean. The new data collected contributes to our understanding of the role of Abel Beth Maacah in the Huleh Valley settlement system, as well as its ties to the neighboring Phoenicians and Arameans.

A presentation written by Dr. Rick Sturdivant, Department of Engineering and Computer Science, a colleague, and students, was presented at a national conference.

**Sturdivant, R.**, Chang, E., Bartholomew, D., Brown, R.A., De Pillis-Lindheim, S., & Rohweller, J.D. (2017, December). *Systems engineering a low cost digital beam formed phased array for IoT connectivity*. Paper presented at the 4<sup>th</sup> annual Conference on Computer Science & Computational Intelligence, Las Vegas, NV.

### EXPERTISE SHARED

The expertise of Dr. Viv Grigg, APU Seminary, was shared as the writer of a resource website that provides 12 modules containing 40 podcasts for learning networks of urban poor pastors.

**Grigg, V.** (Writer). (2017). *Economic Discipleship* [audio podcasts]. Retrieved from <https://www.economicdisciple.org/>

Abstract:

This is a resource website for learning networks of urban poor pastors. The podcasts are able to be transmitted to cell phones of semiliterate or oral learner (but bilingual, English as trade language) trainees, one per day over 30 days. The learning network leader has additional resources in PowerPoints for gatherings for training, and there are readings available for those who are literate. These cover forty topics subsumed under ten principles of Biblical Economics: Love and Human Worth, Productivity, Creativity, Cooperation, Work and Rest, Simplicity, Management, Ownership, Liberty and Celebration, and an extra module at a more academic level on Economic Development.

The expertise of Adjunct Nanette Kulman, MS, Department of English, was shared as she read an excerpt from her published article at a journal issue launch party.

**Kuhlman, N.** (2017, November). *Literature in the gap: The middle way in Kipling's Kim*. Excerpt read at Writers Block Live: Anastomas Launch Party, Orange, CA.

### AWARDS

Dr. Adam Green, Department of Philosophy, was awarded a two week summer seminar in moral psychology.

**Green, A.** (2018). [Award recipient]. Character and the morally exceptional: Empirical discoveries and moral improvement, Interdisciplinary Summer Seminar on the Morally Exceptional, Wake Forest University, Winston-Salem, NC.

## PUBLICATIONS

An article by Dr. Edwin Ding, Department of Mathematics and Physics, and colleagues was published in a journal.

**Ding, E.**, Chan, H. N., Chow, K. W., Nakkeeran, K., & Malomed, B. A. (2017, November).

Exact states in waveguides with periodically modulated nonlinearity. *EPL*, 119(5).

Retrieved from <http://iopscience.iop.org/article/10.1209/0295-5075/119/54002/pdf>

Abstract:

We introduce a one-dimensional model based on the nonlinear Schrödinger/Gross-Pitaevskii equation where the local nonlinearity is subject to spatially periodic modulation in terms of the Jacobi function, with three free parameters including the period, amplitude, and internal form-factor. An exact periodic solution is found for each set of parameters and, which is more important for physical realizations, we solve the inverse problem and predict the period and amplitude of the modulation that yields a particular exact spatially periodic state. A numerical stability analysis demonstrates that the periodic states become modulationally unstable for large periods, and regain stability in the limit of an infinite period, which corresponds to a bright soliton pinned to a localized nonlinearity-modulation pattern. The exact dark-bright soliton complex in a coupled system with a localized modulation structure is also briefly considered. The system can be realized in planar optical waveguides and cigar-shaped atomic Bose-Einstein condensates.

A chapter by Dr. Rukshan Fernando, Associate Dean, School of Behavioral and Applied Sciences, was published in a book.

**Fernando, R. N.** (2017). A square administrator in a circle university. In K. L. Longman (Ed), *Diversity matters for Christian higher education: Strategies for more fully modelling God's kingdom*. (pp. 343-351). Abilene, TX: Abilene Christian University Press.

An article by Dr. Rukshan Fernando, Associate Dean, School of Behavioral and Applied Sciences, was published in a journal.

**Fernando, R. N.** (2017). The container of cause and case. Social work's missing element of organizational leadership and transformation. *Reflections: Narratives of Professional*

*Helping* (Special Issue: Interconnections of Micro and Macro Practice: Sharing Experiences of the Real World), 24(1), 46-56.

An article by Dr. Eric Davis, Department of Biology and Chemistry, and colleagues was published in a journal.

Garcia, L., Saba, C., Manocchio, G., Anderson, G. A., **Davis, E.**, & Clowers, B. H. (2017, October). An open source ion gate pulser for ion mobility spectrometry. *International Journal for Ion Mobility Spectrometry*, 20(87), 87-93. doi:10.1007/s12127-017-0223-x

Abstract:

Excluding the ion source, an ion mobility spectrometer is fundamentally comprised of drift chamber, ion gate, pulsing electronics, and a mechanism for amplifying and recording ion signals. Historically, the solutions to each of these challenges have been custom and rarely replicated exactly. For the IMS research community few detailed resources exist that explicitly detail the construction and operation of ion mobility systems. In an effort to address this knowledge gap we outline a solution to one of the key aspects of a drift tube ion mobility system, the ion gate pulser. Bradbury-Nielsen or Tyndall ion gates are found in nearly every research-grade and commercial IMS system. While conceptually simple, these gate structures often require custom, high-voltage, floating electronics. In this report we detail the operation and performance characteristics of a wi-fi enabled, MOSFET-based pulser design that uses a lithium-polymer battery and does not require high voltage isolation transformers. Currently, each output of this circuit follows a TTL signal with ~20 ns rise and fall times, pulses up to +/- 200 V, and is entirely isolated using fiber optics. Detailed schematics and source code are provided to enable continued use of robust pulsing electronics that ease experimental efforts for future comparison.

A chapter by Dr. Kirsten Oh, Department of Practical Theology, and colleagues was published in a book.

**Oh, K. S.**, Hartley, B., & Messer, G. (2017). Get on the cart!: Wesleyan discipleship in an age of incarceration that defies Christian virtues. In A. Kireopoulos, J. Mitzi, and M. Lundberg (Eds.), *Thinking theologically about mass incarceration: Biblical foundations and justice imperatives* (pp 230-252). Mahwah, NJ: Paulist Press.

An article by Dr. Laurie Schreiner, Chair, Department of Higher Education, was published in a journal.

**Schreiner, L. A.** (2017, November/December). The privilege of grit. *About Campus*, 22(5), 11-20. doi:10.1002/abc.21303

Abstract:

This article explores the privilege inherent in the concept of grit and questions the wisdom of using it to support student success. Four specific dangers of focusing on grit are outlined that contribute to an environment that not only create false hope in educators about the pathways to student success but perpetuate many of the inequities that have led to the current achievement

gap. Recommendations are made for how colleges and universities might better support the success of diverse learners.

An article written by Dr. Matthew Smith, Department of English, was published in a journal.

**Smith, M. J.** (2017, December). w/Sincerity, part 1: The drama of the will from Augustine to Milton. *Christianity & Literature*, 67(1), 8-33. doi:10.1177/0148333117734163

Abstract:

Studies of secularism and modern selfhood locate a transition in the early modern period toward the moral explanatory power of the self, by itself. In this essay, I challenge this view first by locating a distinct form of moral autonomy (sincerely sinning) in the work of Augustine, Anselm, and Scotus, and second by demonstrating this development's fraught legacy in early Protestant forms of conscience. Finally, I apply this history of sincerity to readings of Milton and Shakespeare, writers who illustrate the thematic potential of competing forms of sincerity and of the drama of the will.

A book review by Dr. Matthew Smith, Department of English, was published in journal.

**Smith, M. J.** (2017, December). [Review of the book *Poetic relations: Intimacy and faith in the English reformation*, by C. M. Furey]. *Modern Philology*, 115(4). Advance online publication. <http://www.journals.uchicago.edu/doi/abs/10.1086/695969>

A chapter by Dr. Matthew Smith, Department of English, was published in a book.

**Smith, M. J.** (2017, December). Tragedy "before" fear and pity. In D.R. Wehrs and T. Blake (Eds.), *Handbook to affect studies and textual criticism* (pp. 391-412). New York, NY: Palgrave Macmillan.

Abstract:

This essay proposes an affective approach to the genre of tragedy through what it calls "tragic affects." Tragic affects are the somatic and emotional feelings that tragedies incite but that classical theory of tragedy hides by emphasizing the social productivity of emotions like pity and fear. As I demonstrate in brief readings of Aristotle, Aeschylus, Seneca, Shakespeare, and Chekhov, the tragic tradition as given in various delineations of its genre conceals a history of affect. This essay draws attention to the ways that tragic drama traffics—sometimes overtly—wayward emotions in the forms of character, spectacle, and thought, drawing attention to the gratuitousness and autonomy of tragic affects.

A preface written by Dr. Matthew Smith and Dr. Caleb Spencer, Department of English, was published in a journal.

**Smith, M. J., & Spencer, C. D.** (2017, December). Preface. *Christianity & Literature*, 67(1), 3-7. doi:10.1177/0148333117736772

An article written by Dr. Caleb Spencer, Department of English, was published in a journal.

**Spencer, C.D.** (2017, December). w/Sincerity, part 2: A theological concept that never left. *Christianity & Literature*, 67(1), 182-213. doi:10.1177/0148333117736774

An article by Dr. Mary Wong, Director of Field-based Graduate Programs, Department of Global Studies, Sociology and TESOL, was published in a journal.

**Wong, M. S.** (2017, December). Linguistic, religious, and ethnic identities as pathways to peace: Views from eight Lisu, Karen, Kachin, and Chin seminary teachers in Myanmar. *Asian Englishes: Language-in-Education Policy in ASEAN Plus Three*, 19(3), 211-227.

**Abstract:**

This study examines how the linguistic, religious, and ethnic identities of eight seminary teachers from four ethnolinguistic minority groups in Myanmar informed their views and practices of language use in education and their role in peacebuilding and reconciliation. Data were collected at seminaries as they are rich sites of multilingual education. With the Association of Southeast Asian Nations (ASEAN) Charter declaration in 2009 that English is its sole working language, the over 10,000 local languages used in the 10 ASEAN nations are under threat as English replaces local languages in the school curriculum. The author supports the recommendations by Lo Bianco Kosonen, and Kirkpatrick for a multilingual policy in education in Southeast Asia, and based on the accounts of the eight participants in this present study argues that valuing and safeguarding linguistic, religious, and ethnic diversity in Myanmar holds great potential to not only enhance learning but also to foster social cohesion.

An article written by Dr. Chong Ho (Alex) Yu, Dr. Stephen Lambert, Department of Psychology, and colleague was published in a journal.

**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(3), 195-209.

**Abstract:**

Prominent philosopher of ethics Trudy Govier argued against the existence of moral monsters—people who had committed extreme crimes and could not be morally transformed. She asserted that one should hate the evil deeds but not the evil-doer because a human does not lose his/her humanity just because of what he/she did. She further argued that this approach conforms to the Christian tradition. This article examines Govier’s arguments from psychological, philosophical, and theological perspectives. It is suggested that separating the evil-doer from the evil deed is logically unsound. Moreover, Govier’s “compulsive liar argument” also does not free the agent from moral responsibilities. In addition, by examining the theology of Irenaeus, Augustine, and Aquinas, it was found the idea of the non-existence of moral monsters is incompatible with the Christian tradition. The very nature of the Christian faith is an answer to the sinful human nature and the possibility of its total perversion. Further, Govier’s idea does not lead to practical implications because the legal systems in many countries refuse to reform psychopaths, treating them as irreparably evil. Truly, the ideal of “moral saints” and the anti-ideal of “moral monsters” helps us work toward desirable moral goals and repel us from the point of no return.

## PRESENTATIONS

A presentation by Adjunct Lecturer, Steve Jung, M.S., M.Div., Department of Biblical and Religious Studies, University Libraries, was shared at national meeting.

**Jung, S.** (2017, November). *Practical information literacy assignments for biblical and religious studies*. Presented at Society of Biblical Literature Annual Meeting, Boston, MA.

### Abstract:

Information Literacy (IL) is required by most regional and national accrediting agencies, i.e. WSCUC, TRACS, and ABHE. Information Literacy must be demonstrated throughout all degree programs and is supposed to be demonstrated in many individual courses. The demonstration of IL is done by stating IL Student Learning Outcomes (SLO) and creating assignments that account for those outcomes. This session is about several IL SLOs and practical assignments that assess IL within Biblical and Religious studies, all while fulfilling some of the institution's IL requirements for accreditation. The idea of "practical" information literacy comes from the need to fulfill IL requirements while at the same time staying true to the intent of the course description. The intention of this session then is to provide those in attendance with: IL SLOs, instructions, and rubrics for grading those assignments. A website is being created that hosts all that information. The IL SLOs are written in multiple forms. Each form is tied to one of the more common IL definitions and list of standards: AAC&U's VALUE Rubrics, ACRL's IL Standards, and ACRL's Frames. The instructions are written in multiple forms, to match the IL standards listed above. Each instruction is not an entire self-contained assignment, but an add-on to assignment already in the course. The goal is to create IL assignments that are embedded in existing assignments AND make them so that they will not add much time to the grading of said assignments. Generic rubrics have been constructed so that they assess the IL component of an assignment. Typically the rubric covers quantity (of parts), quality, and completion. These rubrics can then be modified and added to the instructor's rubric for the complete assignment.

A presentation by Dr. Windy Counsell Petrie, Chair, Department of English, was shared at a national conference.

**Petrie, W.C.** (2017, November). *Visual discourse in American women's literary autobiography of the 1930s*. Paper presented at the 115<sup>th</sup> Annual PALMA Conference at Chaminade University of Honolulu, HI.

## EXPERTISE SHARED

The expertise of Dr. Rukshan Fernando, Associate Dean, School of Behavioral and Applied Sciences, and a colleague was shared through their role as keynote speakers at a university conference.

Fernando, J. L., & **Fernando, R. N.** (2017, August). *Pondering privilege: A conversation on race, ethnicity, and faith in educational contexts*. Keynote speech presented for the 2017 Faculty Conference at George Fox University, Newberg, OR.

The expertise of Dr. Rukshan Fernando, Associate Dean, School of Behavioral and Applied Sciences, was shared as a panel speaker at a regional conference.

**Fernando, R. N.** (2017, July). *The importance of voice*. Panel speaker at Streams of Hope in a Time of Thirst: A Dialogue among Asian Americans about Faith, Jesus, and Public Life Conference at Southern California Intersvarsity Christian Fellowship, Pasadena, CA.

The expertise of Dr. Rukshan Fernando, Associate Dean, School of Behavioral and Applied Sciences, was shared as keynote speaker at a regional conference.

**Fernando, R. N.** (2017, September). *Adapting to embody*. Keynote speech presented for the 2017 Free Methodist Church Experience (FMx) Conference at the Free Methodist Church of Southern California, Pomona, CA.

The expertise of Dr. Matthew Smith and Dr. Caleb Spencer, Department of English, was shared in their role as guest editors for a special journal issue.

**Smith, M. J., & Spencer, C. D.** (Eds.). (2017, December). Sincerity [Special issue]. *Christianity & Literature*, 67(1).

The expertise of Dr. Rick Sturdivant, Department of Engineering and Computer Science, was shared at an international conference.

**Sturdivant, R.** (2017, December). *Electronic packaging for 5G microwave and millimeter wave systems*. Taught professional development course at the IEEE 19th Electronics Packaging Technology Conference, Singapore.

**Sturdivant, R.** (2017, December). *Challenge of 5-G mm-wave packaging and opportunity*. Presented panel session and served as Session Chair at the IEEE 19th Electronics Packaging Technology Conference, Singapore.

### CORRECTION

Luba Zakharov, MLS, MA, MTS, MFA, Librarian and Curator, University Libraries, was selected from a competitive pool of applicants for a one week residency at a rural retreat for women writers.

**Zakharov, L.** (2017, November). [Award recipient]. Master class residency with Aminatta Forna at Hedgebrook, Whidbey Island, WA.



Azusa Pacific University  
***Faculty Scholarship Updates***

December 1, 2017

*Vol. XIII (7)*

**PUBLICATIONS**

An article by Dr. Tom Cairns, School of Business and Management, was published in a journal.

**Cairns, T. D.** (2017, Spring). Emergency-management planning and leadership are critical to business performance. *Employment Relations Today*, 44(1), 5-13. doi:10.1002/ert.21609

Abstract:

Every business engages in some level of risk management, during which management evaluates the company's exposure to financial loss that may result from the activities of doing business. A case study is presented concerning The Randolph a historic hotel located in the center of Oxford, England that illustrates how leadership and strategies for business continuity add value to an organization's performance.

An article by Dr. Charles P. Chen, Department of Biology and Chemistry, and colleagues was published in a journal.

Ikawa, H., **Chen, C. P.**, Sikma, M., Yoshimoto, M., Sakai, H., Tokida, T., Usui, Y., Nakamura, H., Ono, K., Maruyama, A., Watanabe, T., Kuwagata, T., & Hasegawa, T. (2017, November). Increasing canopy photosynthesis in rice can be achieved without a large increase in water use—a model based on free-air CO<sub>2</sub> enrichment. *Global Change Biology*. doi:10.1111/gcb.13981

Abstract:

Achieving higher canopy photosynthesis rates is one of the keys to increasing future crop production; however, this typically requires additional water inputs because of increased water loss through the stomata. Lowland rice canopies presently consume a large amount of water, and any further increase in water usage may significantly impact local water resources. This situation is further complicated by changing environmental conditions such as rising atmospheric CO<sub>2</sub> concentration ([CO<sub>2</sub>]). Here we modeled and compared evapotranspiration of fully developed rice canopies of a high-yielding rice cultivar (*Oryza sativa* L. cv. Takanari) with a common cultivar (cv. Koshihikari) under ambient and elevated [CO<sub>2</sub>] (A-CO<sub>2</sub> and E-CO<sub>2</sub>, respectively) via leaf ecophysiological parameters derived from a free-air CO<sub>2</sub> enrichment (FACE) experiment. Takanari had 4–5% higher evapotranspiration than Koshihikari under both A-CO<sub>2</sub> and E-CO<sub>2</sub>, and E-CO<sub>2</sub> decreased evapotranspiration of both varieties by 4–6%. Therefore, if Takanari was cultivated under future [CO<sub>2</sub>] conditions, the cost for water could be maintained at the same level as for cultivating Koshihikari at current [CO<sub>2</sub>] with an increase in canopy photosynthesis by 36%. Sensitivity analyses determined that stomatal conductance was a

significant physiological factor responsible for the greater canopy photosynthesis in Takanari over Koshihikari. Takanari had 30–40% higher stomatal conductance than Koshihikari; however, the presence of high aerodynamic resistance in the natural field and lower canopy temperature of Takanari than Koshihikari resulted in the small difference in evapotranspiration. Despite the small difference in evapotranspiration between varieties, the model simulations showed that Takanari clearly decreased canopy and air temperatures within the planetary boundary layer compared to Koshihikari. Our results indicate that lowland rice varieties characterized by high stomatal conductance can play a key role in enhancing productivity and moderating heat-induced damage to grain quality in the coming decades, without significantly increasing crop water use.

A paper written by Dr. Samuel Sambasivam, Chair Emeritus, Program Director of Computer Science, Department of Engineering and Computer Science, and colleagues was published in conference proceedings.

McMaster, K., Rague, B., Wolthuis, S., & **Sambasivam, S.** (2017, November). A comparison of key concepts in data analytics and data science. *2017 Proceedings of the EDSIG Conference, Austin, Texas, 3*. Retrieved from: <http://proc.iscap.info/2017/pdf/4346.pdf>

**Abstract:**

This research study provides an examination of the relatively new fields of Data Analytics and Data Science. We compare word rates in Data Analytics and Data Science documents to determine which concepts are mentioned most often. The most frequent concept in both fields is data. The word rate for data is more than twice the next highest word rate, which is for model. This contrasts sharply with how often the word data appears in most Mathematics books. Overall, we observed substantial agreement on important concepts in Data Analysis and Data Science. Eighteen of the 25 most frequent concepts are shared by both fields. One difference is that the words problem and solution had Top 25 word rates for Data Science, but not for Data Analytics. A close look at Statistics concepts suggests that Data Analytics is more focused on exploratory concerns, such as searching for patterns in data. Data Science retains more of the classical inferential activities that use sample data to draw conclusions about populations. Both fields deal with Big Data situations, but Data Scientists must continue to be prepared for traditional small sample applications.

An article written by Dr. Kenneth Waters, Associate Dean, School of Theology, was published in a journal.

**Waters, K. L.** (2017, November). Empire and the Johannine epistles. *Review and Expositor*, 114(4), 542-557. doi:10.1177/0034637317735602

**Abstract:**

In what ways are the Johannine Epistles a response to empire ideology and propaganda? These Epistles proclaim a more complete and correct cosmology, a greater Savior and soteriology, a better pedagogy, a truer doctrine, a sounder *koinonia*, and a more nurturing *paterfamilias*; moreover, they do so while indicting schismatics, who, in the view of the elder, represent the face of the empire. Although the resurrection and ascension of Jesus Christ drive the elder's witness and ministry, he must still shape his message to counter the encroachment of empire in the church and on the mission field.

An article written by Dr. Chong Ho (Alex) Yu, Department of Psychology, was published in an online database.

Yu, C.H. (2017, November). Exploratory data analysis. *Oxford Bibliographies*.

doi:10.1093/OBO/9780199828340-0200

Abstract:

Exploratory data analysis (EDA) is a strategy of data analysis that emphasizes maintaining an open mind to alternative possibilities. EDA is a philosophy or an attitude about how data analysis should be carried out, rather than being a fixed set of techniques. It is difficult to obtain a clear-cut answer from “messy” human phenomena, and thus the exploratory character of EDA is very suitable to psychological research. This research tradition was founded by John Tukey, who often relates EDA to detective work. In EDA, the role of the researcher is to explore the data in as many ways as possible until a plausible “story” emerges. A detective does not collect just any information. Instead, he or she collects clues related to the central question of the case. By the same token, EDA is not “fishing” or “torturing” the data set until it confesses. Rather, it is a systematic way to investigate relevant information from multiple perspectives. Tukey emphasizes the role of data analysis in research, rather than mathematics, statistics, and probability. Mathematics is secondary in the sense that it is a tool for understanding the data. Classical statistics aims to infer from the sample to the population based on the probability as the relative frequency in the long run. However, in many stages of inquiry, the working questions are non-probabilistic and the focal point should be the data at hand rather than the probabilistic inference in the long run. Hence, prematurely adopting a specific statistical model would hinder the researchers from considering different possible solutions. Because EDA endorses open-mindedness and triangulation, it is not a standalone approach. Rather, it complements traditional confirmatory data analysis (CDA) by generating a working hypothesis, as well as spotting outliers and assumption violations that might invalidate CDA. Additionally, it can also be operated with Bayesian statistics and resampling side by side. With the advent of high-power computers and voluminous data, many exploratory techniques have been developed in data science. These methods are known as data mining. Because it is tedious or even impossible to detect the data patterns when the sample size is extremely large or there are too many variables (this problem is called the “curse of dimensionality”), some data miners use machine learning to explore alternate routes for understanding the data. There are different taxonomies of EDA. Traditionally, EDA comprises residual analysis, data re-expression, resistant procedures, and data visualization. With the advance of high-power computing and big data analytics, the alternate taxonomy is goal oriented, namely, clustering, variable screening, and pattern recognition.

## PRESENTATIONS

A presentation by Dr. Charles P. Chen, Department of Biology and Chemistry, students and colleagues was shared at an international forum.

**Chen, C. P.**, Ikawa, H., Mellen, R., Morales, K. Y., Sakai, H., Tokida, T., Usui, Y., Nakamura, H., & Hasegawa, T. (2017, November). *Towards the rice plant of the future: Leaf physiology of the rice cultivar Takanari under free-air elevated [CO<sub>2</sub>] and varying nitrogen supply*. Presented at the Japan-US Science Forum, Cambridge, MA.

Abstract:

The development of new crop varieties which are well-suited to achieve maximal productivity under future environmental conditions, such as higher atmospheric CO<sub>2</sub> concentrations ([CO<sub>2</sub>]), is essential to meet the challenge of ensuring food security in the face of the growing human population and changing climate in the coming decades. A high-yielding *indica* rice variety (*Oryza sativa* L. cv. Takanari) has been previously identified as a promising candidate for such

breeding, due to its exceptionally high productivity in present and future [CO<sub>2</sub>]. However, the performance of Takanari in sub-optimal conditions such as nutrient-poor soils should also be considered. Takanari and Koshihikari (a standard *japonica* rice variety) were grown in a paddy field under a combination of season-long free-air CO<sub>2</sub> enrichment (FACE, approx. 200 μmol mol<sup>-1</sup> above ambient [CO<sub>2</sub>]) and two nitrogen applications (0 and 8 g N/m<sup>2</sup>). The photosynthetic gas exchange properties, leaf soluble protein, and pigment content of the two cultivars were compared at varying growth [CO<sub>2</sub>], nitrogen applications, and leaf ages across multiple growth stages during the season. Takanari was able to maintain higher flag leaf photosynthesis rates than Koshihikari under nitrogen-deficient conditions by concentrating more N in the flag leaves at the expense of older leaves. This may explain why Takanari still shows enhanced growth in elevated [CO<sub>2</sub>] even under nitrogen-limiting conditions. This study deepens our understanding of the robustness of Takanari as a candidate for future rice crop breeding efforts.

A paper by Dr. Denise Ferguson, Associate Dean for Graduate Programs and Research, College of Liberal Arts and Sciences, was presented at a national conference.

**Ferguson, D. P.** (2017, November). *He heard us and will fight for us: The Faith & Freedom Coalition's mobilization to elect Donald Trump*. Presented at the Religious Communication Association Annual Conference in Dallas, Texas.

Two presentations Dr. Jennifer Payne, Department of Social Work, were shared at a national conferences.

**Payne, J. S.** (2017, October). *P.O.O.F: An innovative program addressing trauma in probation department affiliated youth*. Workshop presentation at the Council on Social Work Education (CSWE) Annual Program Meeting, Dallas, Texas.

Abstract:

This presentation describes a program called describes a program called P.O.O.F., a culturally influenced train-the-trainer program to decrease the emotional effects of trauma exposure for youth from violent urban communities. Strengths and struggles of the implementation process of P.O.O.F. will be discussed. Implications and recommendations for community integration will also be presented.

**Payne, J. S.** (2017, November). *Creating culturally responsive emotional care ministries in black churches*. Workshop presentation at the North American Association of Christians in Social Work (NACSW) National Conference, Charlotte, North Carolina.

Abstract:

A way to facilitate healing in Black communities is to establish emotional care ministries (care ministries of concerned clergy and laity who pray together and provide encouragement for congregants who struggle emotionally). This session describes how to establish culturally relevant emotional care ministries in churches, with real world examples.

A presentation by Dr. Regina Trammel and Dr. Jennifer Payne, Department of Social Work, was shared at a national conference.

**Trammel, R. C., & Payne, J. S.** (2017, October). *Improving religious literacy toward our responsiveness to current political and social issues*. Workshop presentation at the Council on Social Work Education (CSWE) Annual Program Meeting, Dallas, Texas.

Abstract:

Religious literacy as a component of cultural humility is often neglected in social work education. Given the current political situation, understanding how religious identity informs decision-making has implications for future professionals. This interactive workshop uses faculty narratives and provides learning tools as well as curricular innovations to enhance religious literacy.

A presentation by Dr. Regina Trammel and Dr. Jennifer Payne, Department of Social Work, was shared at a regional conference.

**Trammel, R. C., & Payne, J. S.** (2017, November). *Improving religious literacy toward our responsiveness to current political and social issues*. Presented at the California Regional Conference of the Council of Social Work Education, Los Angeles, CA

#### **EXPERTISE SHARED**

The expertise of Dr. Tom Cairns, School of Business and Management, was shared as an invited speaker at a ministry organization.

**Cairns, T. D.** (2017, November). *How to relentlessly pursue God's calling*. Invited speaker at Chi Alpha Fellowship at Rutgers University, Livingston, NJ.

The expertise of Dr. Kevin Huang, Department of Biology and Chemistry, was shared on a poster presented by an APU student at a conference.

**Matus, A. C., & Huang, K. S.** (2017, November). *Analysis of transition metal catalyzed isomerization of terminal alkenes*. Poster presented at Southern California Conference for Undergraduate Students, Pomona, CA.

The expertise of Dr. BJ Oropeza, Department of Biblical and Religious Studies, was shared as presider and panelist at two sessions at an annual meeting.

**Oropeza, B. J.** (2017, November). [Presider of session: *Paul's use of scripture in Romans*]. Society of Biblical Literature Annual Meeting, Boston, MA.

**Oropeza, B. J.** (2017, November). [Panelist of session: *Paul's Christological use of scripture in Romans*]. Society of Biblical Literature Annual Meeting, Boston, MA.

The expertise of Dr. BJ Oropeza, Department of Biblical and Religious Studies, was shared on a website interview.

**Oropeza, B. J.** (2017, November). [Interviewee]. The new perspective: A fading fad? B.J. Oropeza responds by P. Moldovan. *Overthinking Christian*. Retrieved from: <https://overthinkingchristian.com/2017/11/18/the-new-perspective-a-fading-fad-b-j-oropeza-responds/>

The expertise of Dr. Jennifer Payne, Department of Social Work, was shared as an invited speaker at a state church convention.

**Payne, J. S.** (2017, November). *Dynamics of Mental Health, Part I*. Fall 2017 Conference - Embracing New Wine, Wineskins and Dimensions, Central California District Council, Pentecostal Assemblies of the World, Tulare, California.

**Payne, J. S.** (2017, November). *Dynamics of Mental Health, Part II*. Fall 2017 Conference - Embracing New Wine, Wineskins and Dimensions, Central California District Council, Pentecostal Assemblies of the World, Tulare, California.

Azusa Pacific University  
***Faculty Scholarship Updates***

November 17, 2017

*Vol. XIII* (6)

**PUBLICATIONS**

An article by Dr. Laurie A. Schreiner, Chair, Department of Higher Education, Dr. Young Kim, Department of Higher Education, and colleagues was published in a journal.

Cuevas, A., **Schreiner, L. A., Kim, Y.,** & Bloom, J. L. (2017, Fall/Winter). Honors student thriving: A model of academic, psychological, and social well-being. *Journal of the National Collegiate Honors Council*, 18(21), 79-119.

**Abstract:**

The main purpose of this study was to develop a structural model of honors student thriving by investigating the pathways that predicted academic, social, and psychological well-being among a sample of 945 honors students from 11 four-year institutions in the United States. The final structural model explained 60% of the variation in honors' students' thriving. The major contributors to thriving were a psychological sense of community, campus involvement, spirituality, and student-faculty interaction. Each of these variables had a direct effect on thriving. Also contributing to the structural model were variables that had indirect effects, such as being at their first-choice institution, being sure of their major, living on campus, and intending to go to graduate school at some point in their lives. The article closes with recommendations for ways that honors administrators, faculty, and staff can engage honors students more productively and meaningfully.

A chapter written by Dr. David Dunaetz, Department of Leadership and Organizational Psychology, was published in a book.

**Dunaetz, D. R.** (2017). A missionary's relationship to sending churches: Communal and exchange dimensions. In G. Hartt, C. R. Little, & J. Wang (Eds.), *Churches on mission: God's grace abounding to the nations* (pp. 303-323). Pasadena, CA: William Carey Library.

A book by Dr. BJ Oropeza, Department of Biblical and Religious Studies, was published.

**Oropeza, B.J.** (2017). *1 Corinthians* (New Covenant Commentary Series). Eugene, OR: Cascade Publishers.

Abstract:

This compact commentary on 1 Corinthians is both readable and full of insights that will engage students, ministers, and scholars alike. The Apostle Paul writes to a relatively new church in which members are failing to maintain solidarity with other members. They struggle to find their unique place in Roman society as Gentile followers of Jewish leaders that proclaim Christ as Lord. Amidst their many problems include competition over leadership and social prestige, sexual impropriety, household conflicts, idol foods, table fellowship, protocols on gender and the use of spiritual gifts, and confusion about death, immortality, and Christ's return. Oropeza addresses Paul's response to these and other issues as he engages ancient biblical, Jewish, and Greco-Roman sources along with recent scholarship. This is a must-read for those who want to understand the Corinthians situation and Paul's response in a new way.

A book review by Dr. BJ Oropeza, Department of Biblical and Religious Studies, was published in a journal.

**Oropeza, B. J.** (2017, November). [Review of book *The First Urban Churches 2: Roman Corinth*, by J.R. Harrison & L.L. Welborn (Eds.)]. *Review of Biblical Literature*. Retrieved from: <https://www.bookreviews.org/bookdetail.asp?TitleID=11531>

A book chapter by Dr. Laurie A. Schreiner, Chair, Department of Higher Education, was published.

**Schreiner, L. A.** (2017). Ensuring student success. In C. C. Morphew and J. M. Braxton (Eds.), *The challenge of independent colleges: Moving research into practice* (pp. 114-136). Baltimore, MD: Johns Hopkins University Press.

Abstract:

Scholarly literature on student success in postsecondary education spans over five decades of research that has developed extensive frameworks for defining and understanding the complex nature of such success, as well as strategies for creating campus environments to create it. Despite this attention and the concerted effort of many campuses to foster success for a greater percentage of their students, retention and graduation rates have changed little over the past 30 years. This chapter provides a primer in the research-based strategies and initiatives that make a difference in student success that will be most useful to educators and administrators in independent colleges and universities, but also introduces a new paradigm for student success in the concept of thriving. Thriving students are engaged in their learning, investing effort and applying their strengths to the challenges they face. They are connected to others in healthy and supportive ways, are open to differences in others, and have a desire to make a difference in the world around them. They have a positive perspective on life that is growth-oriented and that enables them to reframe negative events as learning experiences and make the most of their college experience. Five strategies for equipping students to thrive are outlined in this chapter, along with strategies for creating a thriving campus culture.

An article by Dr. Rico Vitz, Chair, Department of Philosophy, was published in a journal.

**Vitz, R.** (2017, July). What is a merciful heart? Affective-motivational aspects of the second love command. *Faith and Philosophy*, 34, 298-320.



An article by Dr. Rico Vitz, Chair, Department of Philosophy, and a colleague was published in a journal.

**Vitz, R., & Espinoza, M.** (2017, June). The divine energies and the end of human life. *American Catholic Philosophical Quarterly*, 91, 473-489.

## PRESENTATIONS

A presentation by Dr. Chong Ho (Alex) Yu, Department of Psychology, and students was shared at a state conference.

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*. Poster presented at Southern California Conferences for Undergraduate Research, Pomona, CA.

### Abstract:

Prior research suggests that motivation, including intrinsic and extrinsic motivation, is the key to effective math and science learning. In this study international assessment data, including 2011 Trends for International Study of Math and Science (TIMSS) and 2015 Programme for International Student Assessment (PISA), were utilized to examine the relationship between motivation-related variables and test performance in math and science. Asian countries/regions (Taiwan, Hong Kong, Singapore, Japan, and South Korea) and USA were selected for cross-cultural comparison. Because the sample size of these international assessments is very large, data visualization and data mining, which are based on pattern recognition, instead of hypothesis testing, were employed as the primary tools for this study. The data reveal that extrinsic motivation does not necessarily predict performance, especially in USA. According to 2011 TIMSS, whether US Grade 8 students agreed that math can help in their daily life, whether they need math to learn other subjects, and whether they need math to get the job they want have no impact on their math performance. Likewise, 2015 PISA does not show a significant association between instrumental motivation and math/science test scores among US students. Rather, interest in broad science topics and enjoyment of science are powerful predictors of PISA math and science test performance. Cultural differences between Asians and Americans in motivation for math and science are discussed in this presentation.

A presentation by Adjunct Professor, Dr. Mihretu Guta, Department of Philosophy, was shared at an international colloquium.

**Guta, M.** (2017, July). *The problem of the bearer question: The divorce between consciousness and the self/person*. Paper presented at the 2017 Dominican Colloquium in Berkeley, Oakland, CA.

### Abstract:

David Chalmers (1996 and 2010) introduced a highly influential distinction between what he calls, the hard problem of consciousness and the easy problem of consciousness. The former concerns conscious or phenomenal experiences such as what it is like to feel dizzy whereas the latter concerns non-phenomenal psychological properties such as attention. Over the past two

decades, contemporary philosophers have devoted a considerable amount of time in debating the merits of Chalmers's distinction between the hard and the easy problems of consciousness. But, for the most part, such debates have ignored the centrality of the self/person for the very ontology of phenomenal consciousness. As a result, in the contemporary philosophical discussions, consciousness is treated as a stand-alone property with no strong link to its bearer, the self/person. In this case, Chalmers's highly influential work on consciousness stands as a paradigm case. The goal of this paper is to show why the divorce introduced by some of the leading contemporary analytic philosophers (such as Chalmers) between consciousness and the self/person raises a serious metaphysical problem. This paper argues why the problem of the phenomenal consciousness cannot be adequately addressed without taking on board its bearer, that is, the self/person. So the discussion in this paper will revolve around the following three central claims: Consciousness has a bearer, that is, the self/person; the problem of the phenomenal consciousness is not just two dimensional, namely the hard and the easy problems as Chalmers argues. Rather, the problem of consciousness fundamentally involves the third dimension which is its bearer, the self/person; and the problem of consciousness cannot be solved without taking into account the ontology of the self/person seriously.

A presentation by Dr. Mary Rawlings, Department of Social Work, and Dr. Rachel Castaneda, Department of Psychology, was shared at a national conference.

**Rawlings, M., & Castaneda, R.** (2017, November). *Integrating faith in substance use risk assessment: An SBIRT model*. Workshop presented at the North American Christians in Social Work Conference, Charlotte, NC.

A presentation by Dr. Olivia Sevilla and Dr. Mary Rawlings, Department of Social Work, was shared at a national conference.

**Sevilla, O., & Rawlings, M.** (2017, October). *Capstone courses: Preparing competent social work leaders to meet the grand challenges*. Workshop presented at the Annual Program Meeting, Council on Social Work Education, Dallas, TX.

Two presentations by Dr. Rick Sturdivant, Dr. James Yeh, Department of Engineering and Computer Science, and colleagues were shared at an international conference.

**Stambaugh, M., Zahnd, A., Sturdivant, R., & Yeh, J.** (2017, October). *Improving the utilization factor for islanded renewable energy systems*. Presented at the ISES Solar World Congress 2017 Conference, Abu Dhabi, United Arab Emirates.

**Sturdivant, R., Yeh, J., Stambaugh, M., & Zahnd, A.** (2017, October). *Sustainability as a characteristic of renewable energy systems in remote Himalayan villages*. Presented at the ISES Solar World Congress 2017 Conference, Abu Dhabi, United Arab Emirates.

A presentation by Evelyn Shimazu Yee, MLIS, Faculty Librarian & Curator in University Libraries, was shared at a national conference.

**Yee, E. S.** (2017, July). *Preserving Azusa Pacific University history while preserving our national archival mission history in the University Libraries Special Collections.*  
*Presented at the North American General Assembly of the OMS Holiness Church of North America Conference, West Covina, CA*

**Abstract:**

Azusa Pacific University Libraries' established its first "Imago Dei" historical mission collection archive & Research Center in the summer of 2017. The center is the home for hundreds of unique archived literature, ethnic faith histories, photos and artifacts of the missions and churches of Americans of Japanese Ancestry with direct ties to APU's history. This collection represents a 100 plus year history that has been hidden for almost a century. The ecumenically focused collection, includes personal collections from generations of pastoral families with ties to Azusa Pacific University's Training School for Christian Workers, LAPC and Pacific Bible College. It documents the work of early Victorian and Edwardian era missionaries to the Issei, Nisei and Sansei generations, respectively. The history of Azusa Pacific University is linked to the establishment of the growth of the Free Methodist Missions, and the Holiness movement among the Nikkei, persons with ancestry from Japan. This is collection also records the work of Methodist, Quaker, Presbyterian, Baptist and other denominational missionaries and leaders of different races who provided a strong compassionate community of faith which supported families that were during WWII without due process, uprooted from their homes, schools and businesses by Executive Order 9066. Mission minded Christians were "family" to this uprooted community of 120,000 people during a time of war hysteria and prejudice. The resulting organization that emerged was JEMS, which today is the largest and oldest Asian American Christian organization in the U.S. in existence today & in conjunction with their mission church Federation boasts over 100 years of solid ministry. The collection records the strong Christian faith combined with cultural honor, self-sacrifice and courage greatly enabled the physical, psychological and spiritual well-being of the Nikkei before, during and following the return from the concentration camps during the "resettlement" period. This collection focuses on the correlation between the impact of the formation of faith of the Christian Issei, their American born citizen children, grandchildren and their resiliency in the face of adversity. The leadership of the Holiness General Assembly supports this historical center. Members attending the assembly are invited and encouraged to visit this rare one-of-a-kind collection which traces a people's triumph of their faith over unsurmountable circumstances with vibrant outcomes of faith lasting more than five generations.

### **EXPERTISE SHARED**

The expertise of Dr. Verónica Gutiérrez, Department of History and Political Science, was shared at a fireside chat after a screening of her TEDx talk.

**Gutiérrez, V. A.** (2017, November). *Cultural resilience: A conversation with Dr. Verónica A. Gutiérrez.* Fireside chat hosted by MultiCultural Strategies and CityMasters at City National Bank, Los Angeles, CA.

The expertise of Dr. B.J. Oropeza, Department of Biblical and Religious Studies, Dr. Paul Kaak, Office of Faith Integration, and Dr. Don Thorsen, Department of Theology and Ethics, was shared at a local conference in which parts were in conjunction with the biennial meeting of the Western Regional Conference on Faith and History.

**Oropeza, B. J.** (2017, October). *A new reformation? A look at the new perspective on Paul the apostle*. Paper presented at Reformation Reverberations: Consequences and Challenges of Change Conference at Azusa Pacific University, Azusa, CA.

**Kaak, P.** (2017, October). *How Luther reframed the matter of work and calling and how others reframed his reframing: The text of a sermon*. Paper presented at Reformation Reverberations: Consequences and Challenges of Change Conference at Azusa Pacific University, Azusa, CA.

**Thorsen, D.** (2017, October). *The variety of Protestant reformers: Luther, Cranmer, Simons, Calvin, Fox, and Wesley*. Paper presented at Reformation Reverberations: Consequences and Challenges of Change Conference at Azusa Pacific University, Azusa, CA.

### AWARDS

An award was given to Luba Zakharov, MLS, MA, MTS, MFA, Librarian and Curator, University Libraries.

**Zakharov, L.** (2017). [Award recipient]. Writers in Residence Program award, Hedgebrook (women's writers' retreat), Widbey Island, WA.

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November 3, 2017

*Vol. XIII (5)*

**PUBLICATIONS**

An article by Dr. Marcia Berry, Department of Communication Studies, was published in a journal.

**Berry, M.** (2017, October). Using initial, derived, and terminal credibility to help students understand how they are perceived by others. *Communication Teacher*, 1-5.  
doi:10.1080/17404622.2017.1372592

An article written by Dr. Jen Buck, Department of Practical Theology, was published in a journal.

**Buck, J. M.** (2017, September). Multi-denominational belonging and Quakers in the Evangelical Friends Church Southwest. *Quaker Religious Thought*, 129, 12-17.

An article written by Dr. Adam Green, Department of Philosophy, and a colleague was published in a journal.

**Cobb, A., & Green, A.** (2017). The theological virtue of hope as a social virtue. *The Journal of Analytic Theology*, 5, 230-250.

A book review by Dr. David Dunaetz, Department of Leadership and Organizational Psychology, was published in a journal.

**Dunaetz, D. R.** (2016). [Review of the book *Organizational leadership: Foundations and practices for Christians*, edited by J. S. Burns, J. R. Shoup, & D. C. Simmons]. *Dharma Deepika: A South Asian Journal of Missiological Research*, 20(2), 92-93.

An article written by Dr. Adam Green, Department of Philosophy, was published in a journal.

**Green, A.** (2017, July). An epistemic norm for implicature. *The Journal of Philosophy*, 114(7), 381-391.

An article by Dr. Kevin Huang, Department of Biology and Chemistry, and colleagues was published in a journal.

Griffen, S. A., Drisko, C. R., & **Huang, K. S.** (2017, November). Tricyclic heterocycles as precursors to functionalized spirocyclic oximes. *Tetrahedron Letters*, 58(48), 4551-4553.

Abstract:

An efficient synthesis of functionalized spirocyclic oximes from tricyclic heterocycles is reported. This novel method accomplishes high diastereoselectivity via an intramolecular 1,3-dipolar cycloaddition with a regenerating Michael linker strategy. Ring opening of the tricyclic N-(trimethylsilyloxy)pyrrolo[3,4-c]isoxazolidine framework was found to be essential for successful N-alkylation of the tertiary amine on the polymer support.  $\beta$ -Elimination of the quaternary salt releases the spirocyclic oximes from the solid support in overall yields of 45-60%.

An article by Dr. Ethan Schrum, Department of History and Political Science, was published in a journal.

**Schrum, E.** (2017, October). The reluctant president: Gaylord P. Harnwell and American university leadership after World War II. *Pennsylvania Magazine of History and Biography*, 141(3), 329-359.

Abstract:

This article examines the University of Pennsylvania's presidential search of 1952-53, which led to the election of the physicist Gaylord P. Harnwell, in light of other universities' presidential searches and literature on such searches during that era. It reveals the existence of a competitive market for university leaders characterized by three common themes: how universities prioritized keeping their own rising stars; the growing power of the faculty in university governance, which translated to pressure to hire an academic as university president; and how professors who directed military-oriented research during World War II parlayed that experience into postwar administrative careers.

An essay written by Dr. Matthew Smith, Department of English, was published in a book.

**Smith, M. J.** (2017). 'la manière de Milton': Baudelaire reads Milton's satan. In G. Thuswaldner & D. Russ (Eds.), *The hermeneutics of hell: Devilish visions and visions of the devil in world literature* (pp. 211-238). New York, NY: Palgrave Macmillan.

Abstract:

This essay studies "la manière," or the style, of Milton in the poetry of the French post-Romantic poet, Charles Baudelaire. In particular it examines Baudelaire's haunting poem, "The Litanies of Satan," in *Les Fleurs du Mal*, and detects a particularly vein of Miltonism, through the imagery of vampires and sleepwalkers provided in François-René de Chateaubriand's popular translation, *Les Paradis Perdu*.

An article written by Dr. Chong Ho (Alex) Yu, Department of Psychology, and a colleague was published in a journal.

**Yu, C. H., & Cheung, K. T.** (2017). Rethinking the Dworkinian forward-looking approach: Is Affirmative Action compatible with fairness? *European Journal of Social Sciences, Education, and Research*, 11(2), 166-174.

Abstract:

Whether Affirmative Action is a proper way to accomplish social justice in terms of fairness has been an ongoing debate in the United States. Late philosopher Ronald Dworkin was a vocal supporter of Category 4 Affirmative Action, in which preferential treatments for minorities is justified. Dworkin emphasized a forward-looking approach as a means to achieve social justice and overall fairness. In his view, it is not sufficient for black applicants to enjoy preferential treatment now just because in the past their ancestors suffered due to slavery. Rather, a successful argument for affirmative action programs must include a forward-looking justification. To be specific, this policy promises a better educational environment in terms of diversity and promotes a less racially conscious society for all citizens. Additionally, Dworkin often cited the study entitled *The Shape of the River* to substantiate his claim that special treatment for minorities could amend social injustice and produce fairer outcomes. This article attempts to evaluate this Dworkinian theory on both the principle and practical levels. It concluded that while a neutral or non-interventional policy is insufficient to achieve racial equality, interventions in terms of special treatments and soft quotas are not yet shown to be fair in practice.

## PRESENTATIONS

A presentation by Dr. Roberta Alba, Department of School Counseling and School Psychology, and colleagues was shared at a state conference.

**Alba, B.**, Acosta, J., Biliran, G., Escalara, R., Galentine, K., Galvan-Fonseca, D., Gomez, L., Kile, S., Morrison, J., & Sullivan, N. (2017, October). *Evolve, engage, empower your employment opportunities*. Presented at the annual conference of the California Association of School Counselors, Riverside, CA.

A presentation by Dr. Stephanie Fenwick and Dr. Paul Kaak, Center for Teaching, Learning, and Assessment, was shared at an international conference.

**Fenwick, S., & Kaak, P.** (2017, October). *Applying adult learning theory to the challenge of faith integration for adult learners*. Paper presented at the Kuyers Institute 2017 Conference, Christian Teaching and Learning: Pathways and Possibilities, Grand Rapids, MI.

Two presentations by Dr. Paul Kaak, Office of Faith Integration, were shared at international conferences.

**Kaak, P.** (2017, October). *Engaging students in experiential learning from a distinctly Christian perspective*. Paper presented at the Kuyers Institute 2017 Conference, Christian Teaching and Learning: Pathways and Possibilities, Grand Rapids, MI.

**Kaak, P.** (2017, October). *How non-biblical studies educators can meaningfully use the Bible in non-theological/non-biblical classrooms*. Paper presented at the Bible and the Reformation, 2017 Baylor Symposium on Faith and Culture Conference, Dallas, TX.

A presentation by Dr. Annette Karim, Department of Physical Therapy, was shared at an international conference.

**Karim, A. K.** (2017, October). *IADMS 'DUELS' dancer – athlete or artist?* Paper presented at the 27<sup>th</sup> annual conference of the International Association for Dance Medicine & Science, Houston, TX.

An interactive workshop by Dr. Annette Karim, Department of Physical Therapy, was presented at an international conference.

**Karim, A. K.** (2017, October). *Connecting the dots between dance movement and developmental movement: How a little goes a long way.* Presented at the 27<sup>th</sup> annual conference of the International Association for Dance Medicine & Science, Houston, TX.

A poster presentation by Dr. Annette Karim, Department of Physical Therapy, was shared at an international conference.

**Karim, A. K.** (2017, October). *Video assessment of countermovement jump performance in first position sauté: A reliability study.* Poster presented at the 27<sup>th</sup> annual conference of the International Association for Dance Medicine & Science, Houston, TX.

A presentation by Dr. Daniel Park, School of Business, was shared at a national conference.

**Park, D.** (2017, October). *How to help our students become different makers in the marketplace through financial education during their school years?* Paper presented at the Christians Business Faculty Association Annual Meeting, San Diego, CA

An opening remarks presentation by Dr. Kathleen Ruccione, School of Nursing, was shared at an international conference.

**Ruccione, K.** (2017, October). *SIOP nursing 2017: A brief look back and a view ahead.* Presented at the 49<sup>th</sup> Congress of the International Society of Pediatric Oncology (SIOP), Washington, DC.

A closing keynote presentation by Dr. Kathleen Ruccione, School of Nursing, was shared at a regional conference.

**Ruccione, K.** (2017, October). *Health communication: Words are powerful drugs.* Presented at the 10<sup>th</sup> Annual Regional Pediatric Palliative Care Conference, Long Beach, CA.



A plenary presentation by Dr. Matthew Smith, Department of English, was shared at an international conference.

**Smith, M. J.** (2017, October). *Unnecessary recognitions: The festive imagination in Shakespeare's post-tragic thought*. Presented at the Tragedy, Recognition, Conversion conference [collaboration between John Hope Franklin Humanities Institute at Duke University and the Early Modern Conversions Project at McGill University], Durham, NC.

### EXPERTISE SHARED

The expertise of Dr. Tolu Noah, Department of Liberal Studies, was shared as an invited speaker at a university.

**Noah, T.** (2017, October). *The strength of our diversity*. Invited speaker at Biola University School of Education chapel, La Mirada, CA.

### AWARDS

Dr. Jennifer Buck, Department of Practical Theology, Dr. Cahleen Shrier, Department of Biology and Chemistry, and Marian Saleh, MA, MS, Department of Biology and Chemistry, were awarded a grant.

**Buck, J., Saleh, M., & Shrier, C.** (2017, September). [\$5,000 grant awarded]. Science for Youth Ministry Mini-Grant, John Templeton Foundation.

Dr. Jennifer Buck, Department of Practical Theology, was awarded a grant.

**Buck, J.** (2017, October). [\$10,000 grant awarded]. *Bad and boujee: Towards a trap feminist theology*. Junior Faculty Summer Research Grant, Yale Center for Faith and Culture at Yale Divinity School.

Dr. Adam Green, Department of Philosophy, was awarded a grant.

**Green, A.** (2017, October). [\$3,000 grant awarded]. Plantinga Reading Group Award, Society of Christian Philosophers, Grand Rapids, MI.

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October 20, 2017

*Vol. XIII* (4)

**PUBLICATIONS**

A chapter written by Dr. Windy Counsell Petrie, Chair, Department of English, was published in a book.

**Petrie, W. C.** (2017, October). Zora Neale Hurston reconsidered. In Parini, J. (Ed.), *American writers retrospective volume 3* (pp. 125-146). New York, NY: Charles Scribner's Sons.

**PRESENTATIONS**

A presentation by Dr. David Dunaetz, Department of Leadership and Organizational Psychology, was shared at an international meeting.

**Dunaetz, D. R.** (2017, March). *Cognitive science and theological education in technologically developing cultures*. Paper presented at the International Society of Frontier Missions 2017 Annual Meeting, Dallas, TX.

A presentation by Dr. David Dunaetz, Department of Leadership and Organizational Psychology, was shared at a regional meeting.

**Dunaetz, D. R.** (2017, March). *Cognitive science and theological education in technologically developing cultures*. Paper presented at the Evangelical Missiological Society 2017 Annual Meeting, Dallas, TX.

A presentation by Dr. Lori Lacy and Dr. Bill Fiala, University Counseling Center, was shared at a state conference.

**Lacy, L., & Fiala, B.** (2017, October). *Exploring the impact of faith on the therapeutic process*. Session presented at the annual fall conference of the Organization of Counseling Center Directors in Higher Education, Shell Beach, CA.

A presentation by Dr. Veronica Gutierrez, Department of History and Political Science, was shared at a regional conference.

**Gutierrez, V.** (2017, October). *Luther in the new world: Native people and the reformation in sixteenth-century New Spain*. Paper presented at the Western Regional Conference on Faith and History's Biennial Meeting [in conjunction with Reformation Reverberations: Consequences and Challenges of Change Conference], Azusa, CA.

Abstract:

This paper explores the manner in which Reformation -- both Catholic and Protestant -- manifested in sixteenth-century New Spain, focusing on three key areas: 1) sacramental administration, especially of confession; 2) the Mexican Provincial Councils, especially the Second (1565) and Third (1585); and 3) pastoral attitudes toward the spiritual aptitude of native peoples. As this essay demonstrates, the Protestant and Catholic Reformations affected the New World in a variety of ways. For example, though native peoples were initially encouraged to participate in the institution of Catholicism by building churches, erecting crosses in the church atria, and painting the church interior, the teachings of Luther would ultimately lead Mexican Catholic leaders to whitewash those indigenous-drawn images, remove indigenous-made atrial crosses, and deny native peoples ordination to the priesthood. When the Second Mexican Provincial Council in 1565 attempted to implement the reforms of the Council of Trent (1545-1563) -- most notably the submission of all regular clergy under the authority of the local bishop -- the mendicant orders (Franciscan, Dominican, and Augustinian) threatened to abandon the mission field. Because mendicants ministered to native populations and, unlike secular clergy, were fluent in indigenous languages, King Philip II petitioned Pope Paul VI to postpone the Tridentine Reforms in New Spain to avoid a collapse of the Mexican Catholic Church -- and he did! It would be the Third Mexican Provincial Council, convened in 1585, when the bishops in Colonial Mexico would fully implement the Tridentine Reforms. Indeed, scholars have dubbed this council "the Mexican Trent." Ultimately, Luther's theology would have long-term effects on native peoples a half a world away.

A podium presentation by Dr. Patricia Esslin, School of Nursing, was shared at a regional conference.

**Esslin, P. E.** (2017, October). *Psychometric evaluation of the KSA part I: KSAI-PCCS: A pilot study*. Podium presentation at STTI Honor Society of Nursing Odyssey 2017 Conference, Ontario, CA.

A presentation by Dr. Chong Ho (Alex) Yu, Department of Psychology, was shared at an international conference.

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

Abstract:

The impact of motivating factors on academic performance varies from culture to culture. This study is a cross-cultural comparison between Asian and American students on how extrinsic or instrumental motivation influences math and science learning. The data collected from 2016 Programme for International Student Assessment and 2011 Trends for International Math and Science study indicate that while in Asia (China, Taiwan, Hong Kong, Japan, South Korea, and

Singapore) math and science learners are strongly motivated by external factors, there is no noticeable association between these two variables among American learners. For example, the performance level of US Grade 8 students is unrelated to their perception of usefulness of math in other subjects, daily life, and career.

A paper presentation by Dr. Chong Ho (Alex) Yu, Department of Psychology, and colleague was shared at an international conference.

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

**Abstract:**

Whether Affirmative Action is a proper way to accomplish social justice in terms of fairness has been an ongoing debate in the United States. Late philosopher Ronald Dworkin was a vocal supporter of Category 4 Affirmative Action, in which preferential treatments for minorities is justified. Dworkin emphasized a forward-looking approach as a means to achieve social justice and overall fairness. In his view, it is not sufficient for black applicants to enjoy preferential treatment now just because in the past their ancestors suffered due to slavery. Rather, a successful argument for affirmative action programs must include a forward-looking justification. To be specific, this policy promises a better educational environment in terms of diversity and promotes a less racially conscious society for all citizens. Additionally, Dworkin often cited the study entitled *The Shape of the River* to substantiate his claim that special treatment for minorities could amend social injustice and produce fairer outcomes. This article attempts to evaluate this Dworkinian theory on both the principle and practical levels. It concluded that while a neutral or non-interventional policy is insufficient to achieve racial equality, interventions in terms of special treatments and soft quotas are not yet shown to be fair in practice

### **EXPERTISE SHARED**

The expertise of Dr. Gail Reiner, Director of MSN Programs, School of Nursing, and several colleagues was shared at a national meeting.

Zima, L., Ceulemans, S., **Reiner, G.**, Chen, D., Sahagian, M., Haas, R., Hyland, K., & Friedman, J. (2017, October). *Expanding phenotypes lead to coalescing genotypes: A perplexing patient pair highlight the diagnostic challenges of paroxysmal movement disorders.* Poster accepted at the 2017 Child Neurology Society Annual Meeting, Kansas City, MO.

### **AWARDS**

Dr. Fidel Arnecillo, Adjunct, Department of Philosophy, was awarded a conference grant.

**Arnecillo, F.** (2017). [Award recipient], Forum Humanum Claremont Conference Grant, 2018 Philosophy of Religion Conference, Claremont, CA.

## APPOINTMENTS

Dr. Veronica Gutierrez, Department of History and Political Science, was appointed president of an organization for a two-year term.

**Gutierrez, V.** (2017-2019). [Appointment, President], Western Regional Conference on Faith and History.

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October 6, 2017

Vol. XIII (3)

## PUBLICATIONS

An article written by Dr. Patricia Bonner, Faculty Emeritus, Dr. Ying Jiang, Department of Educational Leadership, and Dr. Susan Warren, Center for Diversity, Equity, and Inclusive Excellence, was published in a journal.

**Bonner, P. J., Warren, S. R., & Jiang, Y. H.** (2017). Voices from urban classrooms: Teachers' perceptions on instructing diverse students and using culturally responsive teaching. *Education and Urban Society*. doi:10.1177/0013124517713820

Abstract:

This study explored the perceptions of 430 P-12 urban teachers regarding the instruction of diverse students and their own ability to effectively implement culturally responsive teaching (CRT). Employing qualitative methodology, four open-ended sentence stems were used to capture teachers' thoughts, beliefs, and experiences. Results reveal teachers' strong commitment to CRT, an understanding of behaviors which constitute CRT, a strong sense of efficacy in teaching diverse students, and anticipation of positive outcomes through proactively addressing diverse students' needs. This research provides valuable information for school districts and schools of education as they develop culturally responsive teachers for today's diverse classrooms.

A book co-edited by Dr. Paul Hertig, Department of Global Studies, Sociology, and TESOL, and colleague was published.

Gallagher, R. L., & **Hertig, P.** (Eds.). (2017). *Contemporary mission theology: Engaging the nations*. Maryknoll, NY: Orbis Books.

An introduction written by Dr. Paul Hertig, Department of Global Studies, Sociology, and TESOL, was published in a book.

**Hertig, P.** (2017). Introduction. In Gallagher, R. L., & Hertig, P. (Eds.), *Contemporary mission theology: Engaging the nations* (pp. xxvii-xxx). Maryknoll, NY: Orbis Books.

A chapter written by Dr. Paul Hertig, Department of Global Studies, Sociology, and TESOL, was published in a book.

**Hertig, P.** (2017). Matthew's experience of discipleship and the great commission. In Gallagher, R. L., & Hertig, P. (Eds.), *Contemporary mission theology: Engaging the nations* (pp. 125-134). Maryknoll, NY: Orbis Books.

An article written by Dr. Susan Shore, Department of Physical Therapy, was published in a journal.

**Shore, S.** (2017, September). The long-term impact of wheelchair delivery on the lives of people with disabilities in three countries of the world. *African Journal of Disability*, 6(0), a344. doi: 10.4102/ajod.v6i0.344

**Abstract:**

Lack of access to mobility for people with disabilities, particularly in less-resourced settings, continues to be widespread. Despite challenges to wheelchair delivery, the benefits to health, employment, social integration and life satisfaction are apparent. Previous studies have explored the impact of receiving a wheelchair on the lives of the users through cross-sectional or short-term longitudinal analysis. The current study was undertaken to evaluate whether previously reported changes were sustained after 30 months of use, and whether results varied between two differing models of a wheelchair. One hundred and ninety-one subjects from Peru, Uganda and Vietnam received one of two models of wheelchair provided by the Free Wheelchair Mission. Using interviews to record survey results, data were collected at the time the wheelchair was received and following 12 and 30 months of use. Variables of overall health, employment, income and travel were explored through non-parametric analysis. There was a significant improvement in overall health and distance travelled after 12 months, but these changes were no longer significant by 30 months (Friedman test for overall change,  $p = 0.000$ ). Employment status showed a small but significant increase at 12 and 30 months (Cochran's Q,  $p = 0.000$ ). Reported income increased slowly, becoming significantly different at 30 months (Friedman test,  $p = 0.033$ ). There was no association between the model of wheelchair received and the incidence of pressure ulcers, pain or maintenance required. There was higher satisfaction with the GEN\_2 wheelchair at 12 months ( $p = 0.004$ ), but this difference was not apparent by 30 months. Overall wheelchair satisfaction and maintenance levels were favorable. While overall health status, and distance travelled into the community fluctuated over time, receipt of one of two models of a wheelchair in less-resourced settings of the world appears to have a positive sustained impact on employment and income. Further investigations should be carried out to confirm these results and explore the factors responsible for fluctuating variables. This study affirms the importance of long-term follow-up of outcomes associated with wheelchair distribution in less-resourced environments.

An article written by Dr. Rick Sturdivant, Department of Engineering and Computer Science, and colleague was published in a journal.

**Sturdivant, R., & Chong, E. K. P.** (2017, September). Packageability as an 'ility' for systems engineering. *Systems*, 5(4), 48.

An article written by Dr. Rico Vitz, Department of Philosophy, and colleague was published in a journal.

Vitz, R., & Leon, A. J. (2017, June). Minding the 'unbridgeable gap': The future of conscientious objection in a secular age. *Christian Bioethics: Non-Ecumenical Studies in Medical Morality*, 23(2), 149–168.

## PRESENTATIONS

A paper written by Dr. Abbylin Sellers, Department of History and Political Science, and colleagues was presented at a national conference.

**Sellers, A. H.,** Merolla, J., & Lemi, D. (2017, August). *Does the presence of women in elected office increase female empowerment? Using an experimental approach to look at the effects of descriptive representation.* Paper presented at the 2017 American Political Science Association Annual Meeting, San Francisco, CA.

### Abstract:

Why is it that women have persistently lower levels of interest in, efficacy toward, and knowledge about politics than their male counterparts (Delli Carpini and Keeter 1991; Koch, 1997; Dolan 2006; CAWP 2010)? Why is it that until recently they have also been less engaged in the political sphere (Broockman 2010)? These questions have prompted scholars to consider whether the lack of women's representation in the U.S. is one potential explanation for these phenomena, and whether increasing representation of women might be a means to diminish such gender gaps. In this paper, we focus on the effects of descriptive representation on political engagement. Several scholars find evidence that when women are represented by a female in political office, they are more engaged in the political system (Hansen 1997; High-Pippert et al 1998; Reingold and Harrell 2010; Mansbridge 1999). At the same time, other scholars find that these effects are more mixed and limited, especially when party congruence is taken into account (Lawless 2004; Dolan 2006, Reingold and Harrell 2010). One difficulty in assessing these relationships with observational data is that there are more Democratic females in office, especially at the national level, which makes it difficult to cleanly distinguish between party congruence and gender congruence. We use one experimental design to first test for a gender affinity effect in the absence of other information, and then use this study and a follow-up study to test for a gender affinity affect in the presence of other information, such as partisanship and ideology. We find some support for the descriptive representation hypothesis in the absence of partisan and ideological information, but little support once this information is introduced.

A paper presentation by Dr. Chong Ho (Alex) Yu, Department of Psychology, and students was shared at a regional conference.

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

### Abstract:

Very often conventional statistical procedures, such as Pearson correlation and regression modeling, impose an unrealistic linear structure on the data. However, in the real world many relationships are curvilinear. When the sample size is very large, it is difficult to detect non-linear patterns in the over-plotted data cloud. In this presentation, the data sets of 2015 Programme for



International Student Assessment (PISA) and 2016 Programme for International Assessment of Adult Competencies (PIAAC) were utilized to demonstrate how self-efficacy in science and self-report readiness to learn are correlated with test performance in a nonlinear fashion. The SAS® and JMP procedures for detecting these nonlinear patterns include Lambda smoothing spline via interactive data visualization, artificial neural networks, and transformation regression. Merits and weaknesses of each technique are discussed.

### EXPERTISE SHARED

The expertise of Dr. Jennifer Payne, Department of Social Work, was shared at two community conferences.

**Payne, J. S.** (2017, September). *Urban clergy and trauma: Experiences shared from the urban pastors' study*. Presented at the Flourishing in Pastoral Ministry Conference [in collaboration with the APU Center for Vocational Ministry and the Wesleyan Church], Azusa, CA.

**Payne, J. S.** (2017, September). *Dispelling the myths about trauma and PTSD*. Presented at the Care Enough: Dispelling the Myths of Mental Health Conference, G.L.A.R. Health Network [in collaboration with the LA County Department of Mental Health Spirituality Initiative and the Seventh-Day Adventist Church], Los Angeles, CA.

The expertise of Dr. Keith Reeves, Department of Biblical and Religious Studies, was shared at a seminary.

**Reeves, K.** (2017, September). *Family farms, land ownership, and economic opportunity*. Presentation at Karam Forum, Trinity Evangelical Seminary, Deerfield, IL.

The expertise of Dr. Don Thorsen, Chair, Department of Theology and Ethics, was shared as an invited lecturer at a university.

**Thorsen, D.** (2017, July). *The afterlife: Variety of Christian perspectives*. Invited Lecture at Reformed University of Madagascar, Antananarivo, Madagascar.

**Thorsen, D.** (2017, July). *Doctrine of the trinity: A retrospective and prospective*. Invited Lecture at Reformed University of Madagascar, Antananarivo, Madagascar.

**Thorsen, D.** (2017, July). *Divine predestination and human freedom: A historical theology perspective*. Invited Lecture at Reformed University of Madagascar, Antananarivo, Madagascar.

**Thorsen, D.** (2017, July). *Calvin and Wesley: Models of leadership*. Invited Lecture at Reformed University of Madagascar, Antananarivo, Madagascar.

**Thorsen, D.** (2017, July). *Why the Protestant reformation still matters*. Invited Lecture at Reformed University of Madagascar, Antananarivo, Madagascar.

## RECOGNITION

Dr. Chong Ho (Alex) Yu, Department of Psychology, and students received recognition for their paper presentation.

**Yu, C. H.,** Lee, H. S., Gan, S., & Brown, E. (2017, September). [Audience voted best paper in big data and data science categories, *Nonlinear modeling with big data in SAS and JMP*], Western Users of SAS Software Educational Forum and Conference, Long Beach, CA.

## AWARDS

Dr. Roberta “Bobbie” Alba, Department of School Counseling and School Psychology, was awarded a fellowship.

**Alba, B.** (2017). [Award recipient], Post-Doctoral Publishing Fellowship, California State University, Long Beach, CA.

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**PUBLICATIONS**

A book written by Dr. Thomas Allbaugh, Department of English, was published.

**Allbaugh, T.** (2017). *Apocalypse tv*. Little Elm, TX: ELection Publishing.

Synopsis:

When a reality TV scout “discovers” Walter in a diner near the hospice where his father has been placed, his life has reached a low point. His father is dying, his college teaching career is under threat, and his life is adrift. The scout wants him for a reality show about religion. In a more self-assured period of his life, Walter would have rejected her questionable offer outright, but now he wavers and allows himself to be drawn in. Maybe this is the jolt of energy his life needs. Maybe, if the show succeeds, his university will be so impressed that they’ll finally treat him with respect. Maybe the show will even be what the producers promise it will be, a serious inquiry into faith. Maybe he’ll become famous. The show brings Walter attention, but for all the wrong reasons. He gets misquoted, misinterpreted, misunderstood, and then shot after he has been dragged across the country in an increasingly frustrating and absurd series of challenges. Will his career and reputation survive the public protests? Will his marriage survive the hints of affairs on the road? Will any kind of “reality” emerge to restore his self-respect?

A book written by Dr. Janet Hanson, Department of Educational Leadership, was published.

**Hanson, J.** (2017). *Manage your mindset: Maximize your power of personal choice*. Lanham, MD: Rowman and Littlefield. ISBN-13: 978-1475835724

Abstract:

This book revisits the concepts discussed in mindset theory and reframes it with a larger, more inclusive potential for understanding our world that empowers our ability for personal choice to improve our lives. The book draws from the author’s research in correlating mindset with a variety of organizational learning factors and having performed a survey validation study of the Mindset Works, Inc. What’s My School Mindset? Survey and the Project for Educational Research That Scales (PERTS) academic mindset survey. This book proposes that the ability to recognize and respond to the differences between what we “see” and others “see” is the key reason for individuals, groups, and organizations to succeed or to fail. How we perceive differences and respond to them changes the way our brain develops and how our systems are designed. This book provides strategies for supporting continuous development and growth in individuals, in group dynamics, and in system/organizational development using the most current understanding and propositions of theories of mind.

## PRESENTATIONS

A presentation by Dr. Mary Shepard Wong, Department of Global Studies, Sociology, and TESOL, was shared at an international conference.

**Wong, M. S.** (2017, August). *Learning to listen, and listening to learn: Pedagogies of peace in Myanmar*. Paper presented at the International Association of Peace Education (IPE), Innsbruck, Austria.

## EXPERTISE SHARED

The expertise of Dr. Courtney Davis, Department of Communication Studies, was featured in a newsletter.

**Davis, C. W.** (2017, September). Handling workplace conflict. *City of Industry News*, L(9), 2-4.

The expertise of Dr. Kathleen Ruccione, chair of Doctoral Programs, School of Nursing, was shared at an annual meeting.

**Ruccione, K. S.** (2017, June). *The nurse-patient/family relationship: Building the best patient experience*. Discussion presented at the 2017 CAC2 Summit and Annual Meeting, Chicago, Illinois.

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**PUBLICATIONS**

A textbook written by Dr. Dan Kipley and Dr. Ron Jewe, School of Business and Management, was published.

**Kipley, D., & Jewe, R.** (2017, August). *Effective strategic management: From analysis to implementation* (2nd ed.). San Diego, CA: Cognella Academic Publishing.

**Abstract:**

*Effective Strategic Management: From Analysis to Implementation* gives readers a firm foundation in the theories and concepts of strategic management along with multiple analysis matrices. This book is organized into two main sections dealing with strategic analysis and strategic formulation and includes an introduction to Ansoffian Strategy and the OSPP computer model. Specific topics include internal and external environmental analysis; functional, businesslevel, and corporate strategies; the BCG Growth Share Matrix, the GE/McKinsey Matrix, the QSPM and Grand Strategies Matrices, and organizational culture, change management, and leadership. The text concludes with case studies giving readers the opportunity to see how target theories and concepts are applied in the real world. Students learn how to write and analyze case studies, conduct internal and external analysis, formulation, implementation and evaluation and control. Each chapter includes questions that can be used for in-class discussion or writing assignments. Chapter summaries reinforce important ideas and aid retention. This book also includes all strategic analysis tools with clear, concise explanations of their use and applicability. *Effective Strategic Management: From Analysis to Implementation* can be used in undergraduate and graduate level strategic management capstone courses and classes on leadership and organizational studies.

An article written by Dr. Jeannine Kranzow, Department of Higher Education, was published in a journal.

**Kranzow, J.** (2017, Spring). Faith integration: Curriculum considerations for student affairs faculty. *Growth Journal*, 16, 59-70.

An article written by Dr. Constance Milton, Associate Dean of Administration and Accreditation, School of Nursing, was published in a journal.

**Milton, C.** (2017, June 21). Ethics and discovering new meanings with metaphors. *Nursing Science Quarterly*, 30(3), 205-206.

Abstract:

Metaphors are widely understood concepts or structures of human understanding undergirded with transformational creativity. The usages of metaphors are ubiquitous; they are used to convey unique meaning messages in healthcare disciplines. This article begins a straight thinking discussion of the defining aspects of metaphors and their usage in the discipline of nursing. The human becoming paradigm is used to discover new meanings of the metaphor hand-on and its ethical implications for understanding in the discipline of nursing.

A chapter authored by Dr. Laurie Schreiner, Chair, Department of Higher Education, was published in a book.

**Shreiner, L.** (2017). Applying principles of positive psychology to student success and wellbeing: Enabling all students to thrive. In D. S. Dunn (Ed.), *Positive psychology: Established and emerging issues* (pp. 197-219). Philadelphia, PA: Taylor and Francis.

Abstract:

This chapter explores the contribution of positive psychology to college student success, with a two-pronged focus on fostering success in individual students and creating environments that promote that success. The positive psychology research on flourishing (Keyes, 2003; Seligman, 2011) provides a foundation for the work in higher education on holistic student success. Individual student success is framed as *thriving* – making the most of the college experience by being intellectually, interpersonally, and psychologically engaged. Thriving students are self-regulated learners who engaged in their learning, invest quality effort and apply their strengths to academic challenges, are connected in healthy ways to other people, value multiple perspectives and desire to make a difference in their community, and view the world through a lens of realistic optimism. The Thriving Quotient, as a method for measuring thriving, is described, along with research on its reliability and validity. The pathways to thriving are outlined that form the basis of recommendations for enabling more students to thrive on campus. The campus climate that fosters thriving is also outlined in this chapter, highlighting strategies for creating a psychological sense of community on campus, promoting perceptions of institutional integrity, and equipping faculty to engage diverse learners.

A chapter co-authored by Dr. Laurie Schreiner, Chair, Department of Higher Education, and Dr. Eileen Hulme, Department of Higher Education, was published in a book.

**Schreiner, L., & Hulme, E.** (2017). Positive psychology on campus. In C.R. Snyder, S. J. Lopez, & S. C. Marques (Eds.), *The oxford handbook of positive psychology* (3<sup>rd</sup> ed.).

Retrieved from:

<http://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780199396511.001.0001/oxfordhb-9780199396511-e-46>

Abstract:

This chapter synthesizes the research from positive psychology on fulfilled individuals and thriving communities with the research from higher education on student success and institutional effectiveness, in order to build a bridge from one discipline to the other. The construct of thriving, with its emphasis on vital engagement intellectually, socially, and emotionally in the college

experience, provides an integrative view of student success and forms the foundation for applying principles from positive psychology in practical ways to the daily work of faculty, staff, and administrators. Key areas explored include: (a) strengths-based teaching and learning, (b) developing authentic student leaders, (c) promoting students' psychological well-being, and (d) creating a sense of community on campus.

## EXHIBITION

Art created by Terry Dobson, MFA, Department of Art and Design, was included in an exhibition in a regional gallery.

**Dobson, T.** (2017, July). [Curator, exhibit graphic designer, and art exhibited in group exhibition], *CHAOSMOS*. Exhale Unlimited Gallery, L.A. Arts District, Chinatown, Los Angeles, CA.

## PRESENTATIONS

A presentation by Dr. Roberta "Bobbi" Clarke, Department of School Counseling and School Psychology, was shared at a university.

**Alba, B.** (2017, August). *Transformative school counseling in the 21st century*. Presentation at the University of La Verne, Irvine, CA.

A presentation by Dr. Louise Huang, Center for Research in Science, Department of Biology and Chemistry, and Dr. Chong Ho (Alex) Yu, Department of Psychology, was shared at a national conference.

**Huang, L. K., & Yu, C. H.** (2017, July 29). *The relevance of undergraduate education and climate change issues*. Paper presented at the 72nd American Scientific Affiliation, Golden, Colorado.

### Abstract:

Contradictory and misrepresented information from media and other similar sources often result in knowledge gaps as well as misperceptions of climate change. Studies focused on the role of environmental attitudes revealed that people with high levels of environmental awareness are inclined to act more pro-environmentally. While climate change awareness is often considered a political ideology, it is also closely connected to Christian theology, such as stewardship (cultural mission), eschatology, and Kingdom of God on Earth. This presentation discusses the instruction of these topics in undergraduate chemistry courses in a Christian University. The matched t-test showed significant gain in the factual knowledge regarding climate change after the course. In addition, the relationship between self-report firmness of Christian faith and environmental stewardship is also examined. One interesting finding is that the t-test found some significant relationship between firmness of faith and four areas of religious positions (stewardship, eschatology, substantiality, and development) related to stewardship. The effectiveness on raising climate change awareness and other issues that lead to appropriate action will be explored.

A presentation by Dr. Rick Sturdivant, Department of Engineering and Computer Science, and a colleague was shared at an international conference.

**Sturdivant, R., & Chong, E. K. P.** (2017, August 27). *Smart base stations for IoT*. Presented at Cyber Cycles for the Internet of Things workshop at 1st IEEE Conference on CCTA, Kohala Coast, Hawai'i.

### **EXPERTISE SHARED**

The expertise of Christopher Keene, MFA, College of Music and the Arts, was shared in a radio interview.

**Keene, C.** (2017, July). (Guest panelist). *Superheroes on film*, On N. Manning (Host), Cinema Scene USA [podcast]. WG WG Radio. Boiling Springs, North Carolina. Retrieved from: <https://soundcloud.com/wgwgdotorg/superhero-films-with-chris-keene>

### **AWARDS**

An award was given to Adjunct Faculty Christy Neria, Ph.D., School of Education.

**Neria, C.** (2017, June). [Award recipient]. 2017-2018 Teacher of the Year, Covina Valley Unified School District, Covina, CA.