

Cornerstone

Transformational Scholarship at Azusa Pacific University

Office of Research and Grants | Winter 2019



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AZUSA PACIFIC UNIVERSITY

Office of Research & Grants

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Reflections on Common Day of Learning and Our Life's Blueprint

By Benjamin Uel Marsh, CDL Faculty Director

For 27 years, APU's Common Day of Learning (CDL) has provided moments of rich interaction in an academic setting. It has been a space for fruitful discussion, where faculty and students from all departments are invited to showcase their recent scholarship. More importantly, it is a platform for tackling interesting and difficult topics with thoughtful engagement. This unique outlet, when properly nurtured, becomes a day that faculty, staff, and students all should look forward to.

This year's CDL theme, *What Is Your Life's Blueprint?*, originated from thoughts I had last spring. Over the past year, my wife and I have been planning to move to Florida. The process of planning my next professional chapter caused me to reflect on the impact I may have had on my department and, more importantly, psychology students. To be sure, I find advising students to be the most intimidating part of my job. There is always a lingering question: Did I provide them the tools to construct their next step? During that time, I came across the famous Martin Luther King, Jr. speech – the focus of this year's CDL theme – given at Philadelphia's Barratt Junior High School in 1967, and it certainly was relevant to those advising questions. Thinking through transitions coming up in my own professional journey and challenges facing higher education, including those within our own institution, the speech held an eerie prophetic tone for me. While moments of significant change...

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Congratulations!

Recent grant funding (November 2018 – January 2019)

James His-Jen Yeh (CLAS). *Enhancing Undergraduate Research and Classroom Learning with 5G Wireless and Internet-of-Things* Funded by W.M. Keck Foundation (\$200,000)

Adam Green (SOT). *ACT Fellowship: Divine Hiddenness in Cross-Cultural Perspective*. Funded by the John Templeton Foundation. (\$191,293)

Stephen Martin (COTA). *Strengthening Ministries with Youth Initiative*. Funded by Lilly Endowment, Inc. (\$999,304)

Center for Research on Ethics and Values Fellowship Awards 2019-2020

Beverly Hardcastle Stanford Fellowship
(one semester)

Matthew J. Smith (CLAS English)
Shakespearean Recognitions: Philosophies of the Post-Tragic

CREV Faculty Fellowships
(three units each)

Joseph Bentz (CLAS English) *Words that Changed the World: The Cultural Influence of the Greatest Passages of the Old Testament*

Abbylin Sellers (CLAS History & Political Science), *Immigrit: L.A.'s Immigrant Restaurant Owners Tell Their Story of Hard Work, Great Food, and a Dream*

Paul Shrier (SOT Practical Theology) *In Their Own Words: Stories of Faith by People who are Differentlyabled*

Mary Shepard Wong (CLAS TESOL) *Teachers as Agents of Sustainable Peace: Lessons from Myanmar*

Verónica A. Gutiérrez (CLAS History & Political Science) *Converting Quetzalcoatl's City: Appropriating the Sacred in Cholula, 1519-1648* (Dr. Gutiérrez's CREV award takes effect if she does not accept a sabbatical award for 2019-20)

Faculty Achievements

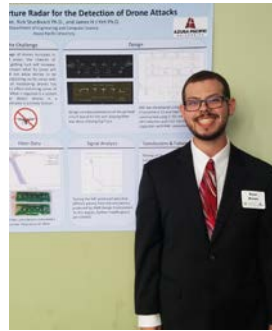


The 2018 Christian Business Faculty Association conference awarded three out of nine best paper awards (from 72 papers presented) to APU School of Business and Management faculty:

Daniel Park. *Remaking Your Calling New: Faculty Mid-Career Crisis*

Robert H. Roller. *Management and Leadership in Matthew 20: Ten Faith Integration Exercises*

Julia Underwood. *The Impact of Values on Culture, Work, and Economic Outcomes*

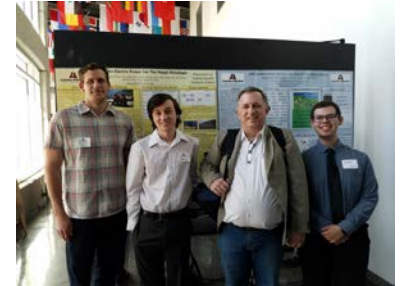


Student Spotlight

Ryan Brown

CLAS Engineering

Through Azusa Pacific University and funding from the California Space Consortium, I was provided opportunities and resources to conduct exciting research over the past few years. This experience resulted in my learning invaluable skills and knowledge needed to thrive in today's engineering fields. The title of one research project we worked on is *Inverse Synthetic Aperture Radar for the Detection of Drone Attacks*. We also worked on the development of a pico-hydroelectric power generator for a remote village in the Himalayas, in addition to other major projects. I conducted research primarily with Dr. Rick Sturdivant of the Department of Engineering and Computer Science, but also collaborated with APU faculty Dr. Enson Chang and Dr. James Yeh. I enthusiastically affirm all three were phenomenal mentors who taught me crucial information - professionally, academically, and personally. Our initial projects yielded few results, and after spending months working on them, frustration set in. Dr. Sturdivant, however, encouraged me and demonstrated how to overcome challenges and not to let frustration be disheartening. One common aspect among the projects is that no process within a project is guaranteed to succeed. A second commonality is an element of faith is required when carrying out tests and experimentation. These are both critical lessons that all engineers must learn.



Research taught me much about faith. In each experiment, we must have faith the experiment will work based on our calculations and the way the equipment functions. But, sometimes faith is misplaced. Sometimes we do not fully understand the circumstances. Nonetheless, in each failure insight is gained, and this enables us to move forward until we have the solution.

"Ryan is an excellent engineering student with great curiosity. He always tries to understand concepts deeply, and comes up with innovative out-of-the-box solutions to problem"

*James His-Jen Yeh, PhD
Assistant Professor,
CLAS Engineering & Computer Science*

I have come to recognize that in each project I worked on failure was one of the most rewarding experiences I

encountered. It is important to learn why failures occur and why results do not meet expectations. Such questions can take hours, days, weeks, or even months to fully answer. I am grateful and blessed to have been able to work with the professors here at APU. Through them and the experiences I have had during my time here, I am, without question, better prepare for life after college.



Bookmark this!

grants.apu.edu

The new APU grants hub



Calendar & Events

Events/Workshops

Upcoming Sabbatical Talks
12:00 noon-1:00 p.m. | LACP
February 28, 2019: Mary Rawlings
March 20, 2019: Jennifer Livingston

Skill Development
Pivot Workshops
10:30 a.m. – 11:20 a.m. | ORG
Conference Room (680 E. Alosta #115)
March 15, 2019
May 17, 2019

Grants Academy
May 16-17, 2019
Location and details to follow
Graduate Student Publications Workshops

Review Process and Format Training
April 8, 2019 | 9:00-10:00 am
April 28, 2019 | 7:00-8:30 pm
Open to any student writing a thesis or a dissertation.

Research Ethics Deadlines

IRB (Research with human subjects)
March 6, 2019: Full Board Review
Application deadline for March meeting
April 3, 2019: Full Board Review
Application deadline for April meeting
IACUC (Research involving animals)
March 13, 2019: Protocol or amendment
deadline for March meeting
April 10, 2019: Full Board Review
Application deadline for April meeting

Big Data Discovery Summit

*Understanding the World
Around Us Through Big Data*

March 16, 2019

APU Wilden Hall

- 4 Featured Speakers
- 24 Contributed Presentations
- Hands-on Workshops
- Lunch Included
- Certificate of Attendance



[REGISTER
HERE](#)

www.apu.edu/big-data-summit/registration



Agency Spotlight

The National Institutes of Health (NIH) recently announced changes to the R15 Academic Research Enhancement Award (AREA) and introduced a new program called R15 Research Enhancement Award Program (REAP). R15 AREA is a program NIH launched

many years ago to support meritorious research at institutions with little or no NIH funding. The program’s goals were to increase exposure of undergraduate students to research and to strengthen the research environment of schools that had not been major recipients of NIH support. An early exposure to research is key to enhancing understanding of the value of the research process and to stimulate interest in students to pursue careers in science. As announced in a [guide notice](#) in January 2019, NIH is shifting some of its emphases. Here are key ideas to keep in mind:

- The R15 research enhancement opportunities for health professional and graduate schools (AREA) will continue and will be reserved for grants to undergraduate-focused institutions that do not receive substantial funding from NIH. The AREA program will have its own set of FOAs, distinct from those issued for health professional schools and graduate schools of arts and sciences. Institutions applying for AREA grants must have an undergraduate student enrollment that is greater than graduate student enrollment. Additionally, all the non-health professional components of the institution together cannot have received support from the NIH totaling more than \$6 million per year in total costs in 4 of the last 7 years.
- NIH will also offer R15 opportunities to support graduate schools of arts and sciences and health professional schools that grant baccalaureate or advanced degrees. Those will be called the Research Enhancement Award Program (REAP). For these grants the applicant organization may not have receive research support from the NIH totaling more than \$6 million per year in total costs in 4 of the last 7 years.
- Another change for 2019 involves how an institution determines eligibility and how that is reflected in the application. The inclusion of a signed letter in the application from the Provost or similar official with institution-wide responsibility will be the mechanism verifying the eligibility of the applicant institution at the time of application submission.

If you are interested in submitting a R15 grant application, be sure to look closely at the funding announcement and connect with our office early in the process.



“From my perspective, the most exciting aspect of research is when findings are translated into practice. As a nurse, using the findings from research to improve patient care interventions and enhance the overall quality of care, is of critical importance. For all academic scholars, conducting research to broaden your professions’ knowledge base is always worth the endeavor.”

Vicky Bowden, DNSc, RN
Vice Provost, Professor

(CDL article, continued)

... are great for reflecting on the past, it is also essential to look forward. What is my blueprint for navigating life's opportunities and difficulties and for best preparing my students for their futures?

The CDL director is afforded a wider view of the APU community than are many other faculty. I was forced out of my academic cul-de-sac to see the diverse scholarly activities that take place across the campus. I have been motivated to devise ways CDL can build on these activities and consider how it could better impact our students. I am proud to have made innovative, positive changes to the proposal application process, the structure of scheduling, and the general flow for the day of CDL. I believe we have created a buzz around CDL, at least among many faculty and staff.

Generating renewed excitement among students has proven to be more challenging. Direct advertising to students is difficult, if not impossible, and as with virtually any large entity, there are areas where change is not readily embraced. On occasion, it seemed I spent hours staring at a notepad trying to find ways out of what appeared to be difficult corners. However, there were far more bright spots than such corners.



One particularly satisfying aspect of the directorship is engaging in meaningful collaborations with students. Every year,

the College of the Arts has provided us with talented student musicians and photographers to work during the day with the real task of augmenting what is supposed to be a creative and thoughtful atmosphere. Student assistants who are hired both prior to and during CDL are not just performing clerical tasks, but participate in brainstorming and getting the word out. And they thoughtfully represent student interests and perceptions for this special day when all UG classes are put on hold. My email inbox and my own ears are replete with comments of appreciation for the efforts of the CDL team.

Being CDL director these past three years has been a pleasure. It widened my perspective on how a large organization works at many levels and brought me a surprising sense of satisfaction and accomplishment – surprising, because I had a long-held disdain for event planning! With 2019 being my final year as CDL director, my hope is February 20 will be an especially rich time for all students, staff, faculty, and visitors, a time when many can sincerely consider the question posed by Dr. King more than 50 years ago, *What Is Your Life's Blueprint?*

On Campus

Brain Awareness Week

Opioids and the Brain

The Opioid Diaries: Viewing and Discussion

Opioids and the Brain

The Opioid Diaries: Viewing and Discussion

Date: Tuesday March 19th, 7:30-9:00 PM
Location: North UTCC

Date: Thursday March 21st, 7:00-8:30 PM
Location: Segerson Perry Lecture Hall

Register and RSVP: CRIS@apu.edu | 626.815.6300 ext.6400

ASU AZS Center for Research in Science

Brain Awareness Week

Hosted by the Center for Research in Science

The Opioid Diaries: Viewing and Discussion

March 19, 2019

7:30-9:00pm

North UTCC

Opioids and the Brain

March 21, 2019

7:00-8:30pm

Segerson Perry Hall

Inquiries and RSVP: cris@apu.edu

Free Social Work Month Event!!!

Everyone welcome. 2 free CE's offered

[Register here](#)

Social Justice in the Criminal Justice System: Current Trends and Opportunities for Social Work Practice

Alumni recognition immediately following

Thursday, March 21, 2019

6:00-8:00 PM

Host: Central LAPC, room for Bailey Shop

Registration will be waived

Seminar Description

The seminar will explore current trends in the criminal justice system with a focus on social work's role in addressing the needs of individuals and communities affected by the criminal justice system. The seminar will also explore the role of social workers in the criminal justice system and the opportunities for social work practice in this field.

Seminar Objectives

- 1. Increase understanding of the criminal justice system, its challenges, and the role of social workers in addressing these challenges.
- 2. Explore the role of social workers in the criminal justice system and the opportunities for social work practice in this field.
- 3. Increase understanding of the role of social workers in the criminal justice system and the opportunities for social work practice in this field.

Speakers

- James Redden, MSW, Executive Director, Central LAPC
- Josephine, MSW, Director of Health Services, Los Angeles County Department of Health Services
- Georgia Price, MSW, Executive Director, Los Angeles County Department of Health Services
- Kathie Lopez, MSW, Professor, Social Work, Los Angeles County Department of Health Services

ASU AZS

Social Work Month Event

Hosted by the APU Social Work Alumni Chapter and Office of Alumni Engagement

Social Justice in the Criminal Justice System

March 21, 2019

6:00-8:00pm

LAPC

[RSVP here](#)

Hispanic Serving Institution (HSI)

APU was recognized as a Hispanic Serving Institution (HSI) by U.S. Department of Education in 2017 and the status has been recently renewed.



Research Integrity Corner

The Open Data Explosion

In January 2019, The Scientist published an interesting article on the open data trends. Some research organizations and funders advocate for greater sharing of raw data arguing that it improves statistical rigor and reproducibility given that the authors know their finding will be exposed to scrutiny. On the other side, data sharing is not without challenges and one is related to cost on the sharer and possibly no benefit. Article concludes that “despite disagreements about when and how to share, the trend toward data openness shows no signs of abating”. [Link available here.](#)



