

Cornerstone

Transformational Scholarship at Azusa Pacific University

Office of Research and Grants | Summer 2017



Faculty Spotlight

Young K. Kim

Associate Professor, Department of Higher Education, School of Behavioral and Applied Sciences

Dr. Young K. Kim, associate professor in the... *(continued on page 3)*

3



Student Focus

National Science Foundation Graduate Research Fellowship Program

Now is a good time to reflect on new opportunities for the upcoming... *(continued on page 2)*

2



Writers Retreats News Brief

Faculty Writers Retreats

May-June, 2017
(continued on page 4)

4



Calendar and Events

Upcoming ORG Events & Deadlines

3



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A New Milestone APU enters *Hispanic Serving Institution* status

This past February, Azusa Pacific University (APU) reached an exciting milestone in its maturation as a comprehensive Christian university. Indeed, APU was designated by the U.S. Department of Education as an eligible institution under Title III and Title V programs of the 1965 Higher Education Act. This designation is more commonly understood as APU now having become a Hispanic Serving Institution (HSI). Accordingly, APU joins a select group of about 10% of the total number of U.S. colleges and universities who have achieved HSI status (Source from [Wikipedia](#)).

As APU experienced significant growth over the last two decades in new programs and enrollment, it has seen its commitment to God-honoring diversity bear fruit. For example, the 10,020 students who enrolled in fall 2016 came from 48 different countries with 52% of the more than 5300 undergraduates being ethnically diverse students. More specifically, in the past two years, APU's Hispanic student population totaled more than 25% of its student body, which is the threshold required to receive HSI eligibility.

These advances in diversifying APU's student body imply the community surrounding APU is better represented among APU students and is positively benefitting from its strong academic programs. Promoting such benefits is the reason for the U.S. Department of Education establishing the HSI designation through amendments made in 1992 to the 1965 Higher Education Act. These amendments state, "The Secretary shall provide grants and related assistance to Hispanic-serving institutions to enable such institutions to improve and expand their capacity to serve Hispanic and other low-income students."

To be sure, the HSI designation is a big deal! With it, APU becomes eligible for several grant opportunities that it previously could only watch as others applied. In addition, several government agencies issue calls for grant proposals that are not limited to applications from HSI's, but strongly urge HSI's to consider applying. Making use of these grant opportunities would help APU better serve all of its students, especially the growing number ...

(Article continued on Page 4)

Congratulations!!

Recent funding (May – July 2017)

Enson Chang, Rick

Sturdivant (CLAS). *Digital Beam Former using Software Defined Radios.* Funded by MPT, Inc. (\$10,497)

Diane Guido (Provost Office). *NSF Graduate Research Fellowship Program (GRFP).* Funded by National Science Foundation (NSF) (\$46,000)

LaTasha Hagler (Undergraduate Academic Success Office). *TRIO Upward Bound Program.* Funded by the U.S. Department of Education (\$1,287,310)

Ryan Hartwig (CLAS). *Championing Vocational Exploration.* Funded by the Council for Independent Colleges (CIC) NetVUE Professional Development Awards (\$10,000)

Young Kim (BAS). *Connections Matter: The Impact of Social Ties and Social Capital for STEM College Students.* Funded by University of Maryland / National Science Foundation (NSF) subaward (\$42,369)

Karen Longman (BAS). *Christ-like Virtues in Emerging Leaders.* Funded by Issachar Fund, Council of Christian Colleges and Universities (CCCU) (\$10,000)

Michael Mata (SOT/APS). *Blended Learning for Transformation Urban Leadership.* Funded by Association of Theological Schools (ATS) (\$49,453)

Lynda Reed (SON). *Advanced Nursing Education Workforce (ANEW).* Funded by U.S. Health Resources and Services Administration (HRSA) (\$1,398,000)

Kathleen Ruccione (SON). *Nurse Faculty Loan Program (NFLP).* Funded by U.S. Health Resources and Services Administration (HRSA) (\$861,077)

Abbylin Sellers (CLAS), David Weeks (Honors College). *Koch Fellowship Grant.* Funded by Charles G. Koch Foundation. (\$25,180)

Matthew Smith (CLAS). *CCT Spring 2018 Visiting Fellow.* Funded by Center for Christian Thought (CCT), Biola University. (\$37,000)

Rodney Sturdivant (CLAS). *Student Engagement in Statistics Using Technology: Making Data Based Decisions.* Funded by Grinnell College / National Science Foundation (NSF) subaward (\$59,136)



Student Focus

National Science Foundation Graduate Research Fellowship Program

... academic year and, for some students, to look at possibilities beyond graduation. One such possibility is the National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP).

The NSF GRFP is the oldest federal fellowship program in United States. Since it was created in 1952, NSF has funded over 50,000 GRFP fellows with outstanding records of accomplishment. The NSF GRFP supports graduate students with the goal that they become knowledge experts who will contribute significantly to research, teaching, and innovations in science and engineering. The program is available for students who pursue research-based master and doctoral degrees at accredited United States institutions. Fields of study supported by the NSF GRFP include social sciences, chemistry, computer science, engineering, geosciences, life sciences, materials research, mathematics, physics and astronomy, psychology (non-clinical), and STEM education research. A complete list of disciplines can be seen on the [NSF GRFP program webpage](#).

The NSF GRFP provides three years of support for the graduate education of individuals who have demonstrated potential for significant achievements in science and engineering research. The award can be used over a five-year period and includes a \$34,000 annual stipend, \$12,000 towards tuition and fees (the remainder to be covered by the graduate school), and access to cyberinfrastructure resources.

This summer has been especially exciting for APU as we welcome newly-named NSF GRFP fellow, David Xiao, into the Department of Psychology masters program in Research Psychology and Data Analytics. Mr. Xiao is a recent graduate of the University of California, Riverside and has already demonstrated high achievement as he is also a recipient of a Fulbright award through the Fulbright U.S. Students program.

Congratulations also to recent APU graduate Leo Jimenez Chavez who received a NSF GRFP award in order to pursue graduate studies at the University of California, Santa Barbara. Mr. Chavez applied for the fellowship while under the mentorship of Dr. Teresa Pegors, assistant professor in APU's Department of Psychology. For more details on this exciting award to Mr. Chavez, see the [APU press release](#).

For a more details on the NSF GRFP, including upcoming deadlines this fall, please access the [NSF GRFP program webpage](#).

"This fellowship program seeks out smart students who also have the potential to positively change their world. These criteria reflect APU's mission of using academic rigor to cultivate difference makers."

*Teresa Pegors, PhD
Assistant Professor, BAS Psychology*

**GENE EDITING
Who Draws the Line?**
A discussion on the science, ethics and advances of CRISPR
October 5, 2017
Ting Wu, Ph.D.
Professor of Genetics, Harvard University
Co-Chair and Director, Personal Genetics Education Project
Halina W. Jahn, Ph.D.
Associate Professor
Race Vaz, Ph.D.
Chief and Professor of Molecular, Access Public University
Special Lecture on CRISPR-Cas9
Ting Wu, Ph.D.
4:30-5:15pm
Panel discussion with Q & A
5:45-6:45pm
Registration 142
Perry Lecture Hall
Refreshments will be served
Sponsored by NSF (NSF-GRFP) and CCT (CCT-CC-2017-000-000000)
Center for Research in Science

Center for Research in Science presents

GENE EDITING Who Draws the Line?

October 5, 2017 | 4:30-6:45 pm | Segerstrom 162 Perry Lecture Hall

A discussion on the science, ethics and advances of CRISPR [Clustered Regularly Interspaces Short Palindromic Repeats], the cutting edge gene or genome editing technology that is revolutionizing the science world and beyond | cris@apu.edu



Calendar & Events

Faculty Spotlight

... Department of Higher Education, School of Behavioral and Applied Sciences, joined APU in 2010 while continuing to serve as a visiting scholar with the



Department of Education in the UCLA Graduate School of Education and Information Studies.

Dr. Kim specializes in diversity and equity in higher education. She has studied differences in college student experiences and outcomes based on students' race/ethnicity, gender, and socioeconomic status, conditional effects of the college experience, college students'

cognitive development, and assessment and evaluation in higher education. She started her higher education in Korea, and after completing a master's degree at the Seoul National University, Dr. Kim earned MA and PhD degrees in Higher Education and Organizational Change at the University of California, Los Angeles.

Dr. Kim is collaborating with Dr. Julie Park of the University of Maryland on a recently funded three-year National Science Foundation (NSF) grant award entitled "Connections Matter: The Impact of Social Ties and Social Capital for STEM College Students." This research project examines the effect of social ties and social capital—as measured by student-faculty interaction, friendships and study partners, and information networks—on STEM students' outcomes such as retention in STEM majors, GPA, academic satisfaction, job placement, and pursuit of graduate study, and how the effect varies by students' gender, race or ethnicity, and social class.

As co-investigator on the grant, Dr. Kim is the key methodologist, bringing her expertise in advanced quantitative methods such as structural equation modeling and hierarchical linear modeling. She also contributes her expertise in student-faculty interaction and conditional college impact to the project. This is a very promising collaboration and represents an impressive recognition of confidence in Dr. Kim's abilities by other leaders in her discipline. We are, indeed, pleased and excited to see Dr. Kim bring this NSF subaward to APU.

On a personal note, Dr. Kim and her husband, Dr. Cho, have two kids, Peter and Linda. She enjoys having family worship every night during the weekdays. Her favorite Bible verse is, "The fear of the LORD is the beginning of knowledge, but fools despise wisdom and discipline." (Proverbs 1:7).

NSF Grants Conference Fall 2017 is coming to Phoenix, Arizona! [Sign up](#) to receive alerts. Conference fills up very quickly!

National Science Foundation



November 13 - 14, 2017

Fall 2017 Grants Conference



"Research facilitates us seeing, hearing and understanding our social milieu. It helps us make individuals and society better."

Kimberly Battle-Walters Denu, Ph.D.,
Vice President, Chief Diversity Officer

Research Ethics Deadlines

IRB (human subjects research)

September 6, 2017: Full Board Review
Application deadline for September meeting

October 4, 2017: Full Board Review
Application deadline for October meeting

November 1, 2017: Full Board Review
Application deadline for November meeting

November 29, 2017: Full Board Review
Application deadline for November meeting

IACUC (animal research)

September 13, 2017: Protocol or amendment deadline for September meeting

October 11, 2017: Full Board Review
Application deadline for October meeting

November 8, 2017: Full Board Review
Application deadline for November meeting

December 13, 2017: Full Board Review
Application deadline for December meeting

Events/Workshops

Upcoming Sabbatical Luncheons

October 11, 2017: Sarah Adams

October 17, 2017: Paul Hertig

November 28, 2017: Christopher Schmidt

Skill Development

October 27, 2017: Finding Funding:
PIVOT Advanced Search



[Big Data Discovery Summit](#) NOVEMBER 4, 2017

Keynote speakers

Julian Parris, PhD, JMP Academic Ambassador, SAS Institute

James Harroun, Senior Analytical Training Consultant, SAS Global Academic Program

Featured speakers

John Rome, PhD, Deputy Chief Information Officer, Arizona State University

Scott Nestler, PhD, Associate Professor, Department of IT, Analytics and Operations, University of Notre Dame

Call for papers

Abstract submission is September 15, 2017 at 11:59 pm with final decisions made on October 2, 2017.

Contact: bigdatus@apu.edu

(A New Milestone article, continued)

from Hispanic backgrounds. A few examples of new federal grant opportunities are instructive, and may energize some readers to action!

The U.S. Department of Education, Office of Postsecondary Education has a [Hispanic-Serving Institutions Division](#) that manages three grant programs:

- [Developing Hispanic-Serving Institutions](#) (Title V, Part A)
- [Promoting Postbaccalaureate Opportunities for Hispanic Americans](#) (Title V, Part B)
- [Hispanic-Serving Institutions Science, Technology, Engineering, or Mathematics and Articulation – HSI STEM](#) (Title III, Part F)

The National Endowment for Humanities (NEH)

- [Awards for Faculty at Hispanic-Serving Institutions](#)
- [Humanities Initiatives at Hispanic-Serving Institutions](#)

The National Institutes of Health (NIH)

- [MARC Undergraduate Student Training in Academic Research \(U-STAR\) Award \(T34\)](#)
- [Training Programs for Institutions that Promote Diversity \(T32\)](#)
- [Support of Competitive Research \(SCORE\) Research Advancement Award \(SC1\), Pilot Project Award \(SC2\) and Research-Enhancement Award \(SC3\)](#)

The U.S. Department of Agriculture, National Institute of Food and Agriculture

- [Hispanic-Serving Institutions Education Grants Program \(HSI\)](#)
- [Women and Minorities in Science, Technology, Engineering and Mathematics Fields Program \(WAMS\)](#)
- [Higher Education Multicultural Scholars Program \(MSP\)](#)

The U.S. Department of Defense

- [Research and Educational Program for HBCUs and MSIs](#)

The U.S. Department of Energy

- [Minority Education and Community Development](#)
- [Minority Educational Institution Student Partnership Program \(MEISPP\)](#)

The National Aeronautics and Space Administration (NASA)

- [Minority University Research and Education Program \(MUREP\)](#)

The U.S. Nuclear Regulatory Commission

- [Minority Serving Institutions Program](#)

The U.S. Department of the Interior, Office of Civil Rights

- [Minority Serving Institutions Program](#)

We are enthusiastic about progress made at APU in recent years to diversify its student population and are eager to see what opportunities materialize as result of APU having reached HSI eligibility. APU's steady progress in its efforts to achieve God-honoring diversity exemplifies how the following statement made by the Department of Education [White House Initiative on Educational Excellence for Hispanics in 1990](#) can be practically expressed:

"The strength of America's education system is undoubtedly connected to the academic success of Latinos. With the shift in demographics taking place in our nation's schools, securing an adequate and equal education for all students, including Latinos, should be a priority not just for the federal government but for every person in this country."

Note: A few of the funding opportunities listed above have expired closing dates. The majority of such occurrences, however, have anticipated renewal calls for proposals on an annual basis.

Writers Retreats

News Brief



A total of 88 APU faculty, including 4 senior adjuncts, enjoyed three days of focused time developing their scholarship projects at

writers retreats hosted by the Office of Research and Grants at the Serra Retreat Center in Malibu. While summer 2017 was the fourth year of an expanded format from two to four retreats, it marked the first time senior adjunct faculty were invited to participate. For one senior adjunct, Dr. Angela Robles of the School of Behavioral and Applied Sciences, the retreat served her publication schedule *just-in-time* as she enthusiastically emailed the ORG executive director on the last day of her retreat:

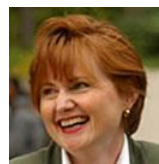
"It was such a gift to meet other faculty and have dedicated time to work on my research. As of 10:00 a.m. this morning, right as my husband and kids are making their way up PCH to come get me from the retreat center... I was able to officially submit my article for consideration. I am certain I could not have accomplished this without the time to work on it here. Thank you again . . . for the Senior Adjunct Faculty to have opportunity to participate this week. It was such a wonderful treat."

Accomplishments



Cheryl Westlake, PhD, RN, ACNS-BC, FHFA, FAHA, of the APU School of Nursing will be inducted as a Fellow of the American Academy of Nursing (AAN) in Washington DC on October 8. This prestigious recognition is

conferred on select nursing leaders in education, management, practice, and research in recognition of their cumulative contribution to the nursing profession. Dr. Westlake has over 35 years of experience in cardiac nursing as a critical care, clinical nurse specialist and researcher. She has over 140 papers and presentations at local, state, national, and international conferences on a variety of health-related issues and was inducted as a fellow in the Heart Failure Association, and was a past Fulbright Scholar recipient to work in Ecuador. Congratulations to Dr. Westlake and the APU School of Nursing!



Mary Shepard Wong, PhD, CLAS-TESOL, recently received an individual Alumni TIES Small Grant funded by the Bureau of Educational and Cultural Affairs of the U.S. Department of State and administered by World

Learning through a cooperative agreement. Congratulations to Dr. Wong on receiving this significant recognition!