

# Health Promotion Research Institute (HPRI)

## AY15-16 Year-End Report

### I. Activities Supported by the Center

#### A. Administration

1. New HPRI Faculty Members: Sawssan Ahmed (Psychology), Kris Brock (Human Communication Studies), Koren Fisher (Kinesiology), Jessica Jaynes (Mathematics), Tricia Kasamatsu (Kinesiology), Maria Koleilat (Health Science), Jennifer Trevitt (Psychology)
2. Faculty Meetings: Oct. 13 and 14, 2015, Feb. 23, 2016, March 2, 2016
3. Steering Committee Meeting: Oct. 2, 2015
4. HPRI Open House: Sept. 4, 2015
5. Newsletter: Oct. 12, 2015, May 16, 2016
6. TITANIUM Communities Creation/Launch: Aug. 21, 2015
7. Website Redesign: in progress, to be launched in June 2016

#### B. Research (see Proposal Submissions and Grant Awards sections)

1. Biomedical/Behavioral Mentorship Program (Cohort 1, continuation): Maria Linder/Niroshika Keppetipola. Dana Rutledge/Jennifer Piazza, Marcelo Tolmasky/Maria Ramirez, Jie Weiss/Janna Kim
2. Biomedical/Behavioral Mentorship Program (Cohort 2, launch): Denise Chavira (UCLA)/Sawssan Ahmed; Madeline Rasche/Nina Robson; Daniela Rubin/Koren Fisher
3. Mini-Grants Funded: Maria Koleilat (Health Science), Yuying Tsong (Human Services), Michele Wood (Health Science)
4. P20 CSUF and UCI-CFCCC Partnership Pilot Project Funded: Sora Tanjasiri (Health Science)  
UCI Cancer Center Scientific Retreat: Joshua Yang
5. Spring Writing Retreat: Feb. 27, 2016
6. One-on-One Faculty Mentorship/Proposal Development: Lilia Espinoza, Jorge Fontdevila, Erica Howell, Juye Ji, Dennis Kao, Sara Johnson, Maria Ramirez
7. Work Group Planning Sessions: Oct. 15 and Nov. 30, 2015
8. Work Groups (SCORE/R15): March 21 and 22, 2016

#### C. Community Engagement

1. Community Partners: 12 community partners/subcontractors; total payout, \$552,714.
2. CAB Meeting: July 31, 2015
3. Health Improvement Partnership Meetings: Aug. 10, Nov. 12, 2015 and March 10, 2016
4. Community Alliances Forums: Dec. 9, 2015, March 9, 2016
5. Orange County Women's Health Policy Summit Planning Committee: Aug. 19, Oct. 19, Dec. 10, 2015 and Feb. 25, March 10 and April 11, 2016
6. Community Health Research Exchange Meetings: Oct. 26, 2015; Jan. 25, 2016
7. Community Partners: 12 subcontractors on research projects; \$552,714 payout

#### D. Student Training: ongoing student internships, research assistantships, and event participation

1. Research Assistants: 16 Student Employees Supported Under HPRI Research Grants; total payout, \$29,754 (through April 30, 2016)

2. Allied Health Academy: 94 participants (49 CSUF students and 45 high school students) in the *North Orange County Allied Health Careers Opportunity Partnership (NOCA HCOP) Program*.

## II. Special Projects Undertaken (AY15-16): Biomedical/Behavioral Mentorship Program

Goal: To promote the development of junior faculty through research and career development mentoring from senior faculty.

Summary of Outcomes for Cohort 1 (Fall 2014-Spring 2016):

- # of Poster Presentations: 15
- # of Symposium Abstract Submissions: 18
- # of Manuscripts in Progress: 6
- # of Manuscript Submissions: 7
- # of Grant Proposals in Progress: 4 external (1 for NIH SCORE program, SC3; 2 for AREA; and 1 for R)
- # of Grant Proposal Submissions awarded:
  - Internal: 1 (RCATT)
  - External: 1 (NIH R03)
- # of Grant Proposal Submissions not awarded / pending:
  - External: 1 (P20 pilot research project; not awarded) and 1 NIH R15 (pending)

Name Mentee/Mentor	Outcomes and Impacts Academic Year 2015-2016																																												
Jennifer Piazza / Dana Rutledge	<ul style="list-style-type: none"> <li>• Pilot data collected; student presentations of research findings</li> <li>• An extramural NIH grant received</li> <li>• Two manuscripts submitted for publication</li> <li>• Involvement of 13 students in research program:               <table border="1" data-bbox="402 1157 1502 1709"> <thead> <tr> <th data-bbox="402 1157 740 1226">Name</th> <th data-bbox="740 1157 1130 1226">Graduate/Undergraduate Status</th> <th data-bbox="1130 1157 1502 1226">Department</th> </tr> </thead> <tbody> <tr> <td data-bbox="402 1226 740 1266">Dandre Ignacio</td> <td data-bbox="740 1226 1130 1266">Graduate Student (former)</td> <td data-bbox="1130 1226 1502 1266">Psychology</td> </tr> <tr> <td data-bbox="402 1266 740 1306">Julie Kircher</td> <td data-bbox="740 1266 1130 1306">Graduate Student</td> <td data-bbox="1130 1266 1502 1306">Psychology</td> </tr> <tr> <td data-bbox="402 1306 740 1346">Gabe Orona</td> <td data-bbox="740 1306 1130 1346">Graduate Student (former)</td> <td data-bbox="1130 1306 1502 1346">Health Science</td> </tr> <tr> <td data-bbox="402 1346 740 1386">Melissa Ruiz</td> <td data-bbox="740 1346 1130 1386">Graduate Student</td> <td data-bbox="1130 1346 1502 1386">Gerontology</td> </tr> <tr> <td data-bbox="402 1386 740 1425">Bobby Sagehorn</td> <td data-bbox="740 1386 1130 1425">Graduate Student</td> <td data-bbox="1130 1386 1502 1425">Psychology</td> </tr> <tr> <td data-bbox="402 1425 740 1465">Rebecca Motts</td> <td data-bbox="740 1425 1130 1465">Undergraduate</td> <td data-bbox="1130 1425 1502 1465">Health Science/Psychology</td> </tr> <tr> <td data-bbox="402 1465 740 1505">Ariana Chadha</td> <td data-bbox="740 1465 1130 1505">Undergraduate</td> <td data-bbox="1130 1465 1502 1505">Health Science</td> </tr> <tr> <td data-bbox="402 1505 740 1545">Rachel Diab</td> <td data-bbox="740 1505 1130 1545">Undergraduate</td> <td data-bbox="1130 1505 1502 1545">Health Science</td> </tr> <tr> <td data-bbox="402 1545 740 1585">Shannon Palmer</td> <td data-bbox="740 1545 1130 1585">Undergraduate</td> <td data-bbox="1130 1545 1502 1585">Health Science</td> </tr> <tr> <td data-bbox="402 1585 740 1625">Amanda Pucelli</td> <td data-bbox="740 1585 1130 1625">Undergraduate</td> <td data-bbox="1130 1585 1502 1625">Psychology</td> </tr> <tr> <td data-bbox="402 1625 740 1665">Carolina Ramirez</td> <td data-bbox="740 1625 1130 1665">Undergraduate</td> <td data-bbox="1130 1625 1502 1665">Psychology</td> </tr> <tr> <td data-bbox="402 1665 740 1705">Arelly Briseno</td> <td data-bbox="740 1665 1130 1705">Undergraduate</td> <td data-bbox="1130 1665 1502 1705">Psychology</td> </tr> <tr> <td data-bbox="402 1705 740 1745">Luz Islas</td> <td data-bbox="740 1705 1130 1745">Undergraduate</td> <td data-bbox="1130 1705 1502 1745">Psychology</td> </tr> </tbody> </table> </li> </ul>			Name	Graduate/Undergraduate Status	Department	Dandre Ignacio	Graduate Student (former)	Psychology	Julie Kircher	Graduate Student	Psychology	Gabe Orona	Graduate Student (former)	Health Science	Melissa Ruiz	Graduate Student	Gerontology	Bobby Sagehorn	Graduate Student	Psychology	Rebecca Motts	Undergraduate	Health Science/Psychology	Ariana Chadha	Undergraduate	Health Science	Rachel Diab	Undergraduate	Health Science	Shannon Palmer	Undergraduate	Health Science	Amanda Pucelli	Undergraduate	Psychology	Carolina Ramirez	Undergraduate	Psychology	Arelly Briseno	Undergraduate	Psychology	Luz Islas	Undergraduate	Psychology
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Niroshika Keppetipola/ Maria Linder	<ul style="list-style-type: none"> <li>• Several student researchers mentored have presented their work in conferences               <ul style="list-style-type: none"> <li>○ CSUPERB 2016 – 3 abstracts with undergraduate student co-authors</li> <li>○ SCCUR 2016 – 3 abstracts with undergraduate student co-authors</li> <li>○ Experimental Biology 2016 – 1 abstract with undergraduate student co-authors</li> </ul> </li> <li>• Two students mentored in research laboratory have received awards</li> </ul>																																												

	<ul style="list-style-type: none"> <li>○ SCCUR – undergraduate Jordan Ontiveros, best oral presentation, Biochemistry Session II</li> <li>○ CSU Research Competition – 1<sup>st</sup> place, undergraduate Jordan Ontiveros</li> <li>● NIH submission planned in February 2017 to the AREA program</li> </ul>
<b>Maria Soledad Ramirez / Marcelo Tolmasky</b>	<ul style="list-style-type: none"> <li>● Three student co-authored poster presentations at the Interscience Conference on Antimicrobial Agents &amp; Chemotherapy (ICCAC 2015) and one poster presented at CSUPERB 2016</li> <li>● Submitted a manuscript each to the journal Antimicrobial Agents &amp; Chemotherapy, journal Genome, Biology and Evolution and PLOS ONE.</li> <li>● Submitted or in progress and on track to submit two significant external proposals to the NIH, one to the SCORE and one to AREA program in 2016</li> </ul>
<b>Janna Kim / Jie Weiss</b>	<ul style="list-style-type: none"> <li>● One research article published; Kim, J. L., &amp; Wells, B. E. (2015). Assessing alcohol and sexual content on reality dating programs. <i>Psychology of Popular Media Culture</i>, 1-18.</li> <li>● Pilot daily diary study data analyzed. Preliminary findings will be used in grant proposal development. Identified a relevant R21 by the NIAAA Grant proposal in progress. Target submission date: Sept. 2016.</li> <li>● Manuscript to be submitted to the peer-reviewed journal, <i>Media Psychology</i>. Co-authors Jie Weiss and Sarah Kay Lazaro (undergrad Psych student). Anticipated submission (May 2016).</li> <li>● Mentored a Child and Adolescent Development major on an Honors research project using these data. Student-led poster presented at the annual conference of the Western Psychological Association (April 2016). <ul style="list-style-type: none"> <li>○ Hernandez, Y., &amp; Kim, J. L. (2016, April). Getting smashed and smushing: The risky sexual and drinking attitudes and behaviors of female college students exposed to TV. Poster presented at the annual conference for the Western Psychological Association, Long Beach, CA.</li> </ul> </li> <li>● Supervised two undergraduate students in PSYC on research-related tasks including relevant to manuscript submission and grant proposal development.</li> </ul>

Summary of Outcomes for Cohort 2 (Fall 2015-Spring 2017):

- Call for applications: Fall 2015
- Mentee/Mentor matches selected and confirmed: Spring 2016
  - Drs. Sawssan Ahmed/Denise Chavira
  - Drs. Koren Fisher/Daniela Rubin
  - Drs. Nina Robson/Madeline Rasche
- Training Plans developed and submitted: Spring 2016
- Meetings with each team: Spring 2016

**III. Special Projects Planned for (AY16-17)**

1. Host and co-present the 4<sup>th</sup> OC Women’s Health Summit Oct. 21, 2016
2. Host faculty/student training workshop by the Orange County Health Care Agency on health disparities, data and priorities in the county.
3. Create/distribute a newsletter for health-related, community-based organizations.

**IV. Center Additional Funding (AY15-16)**

HPRI received a total of \$35,437 in funding to support faculty research development activities, including:

- A. Biomedical/Behavioral Mentorship Program
  - 1. BRAD Grant (for three stipends to Drs. Chavira, Rasche, Rubin; one course release for Dr. Robson; overload for Dr. Ahmed) \$14,341
  
- B. Ongoing Faculty Development
  - 1. Dean HHD (for two HPRI Mini-Grants to Drs. Koleilat and Tsong) \$ 9,494
  - 2. ORCATT (for one HPRI Mini-Grant to Dr. Wood, overload to ) \$12,626
  - 3. Provost Office OE & E (for faculty development activities) \$ 4,500\*
  - 4. Provost Office Summer & Other Stipend (for faculty development) \$ 7,102\*

*\*Inadvertently listed in last year's year-end report*

Total: \$35,437

With these funds, HPRI was successful in facilitating the following:

- **Grant Proposal Submissions = \$4,753,109** (See Section V)
- **Grant Awards = \$1,035,982** (See Section VI)

**V. Proposal Submissions (AY15-16) – through April 30, 2016**

Title	PI	Sponsor	Project #	Amount Requested	IDC Rate	Duration (# mos)	# undergrad students	# grad students
CAREER: Geometric Design of Mechanical Limbs for Contact Tasks and Human-Like Motion Smoothness	Robson, Nina	National Science Foundation	6114	\$500,000	39.1%	48	n/a	n/a
Effects of Child Maltreatment in Young Adulthood: Models of Successful Adaptation	Ji, Juye	University of Southern California	6141	\$41,370	39.1%	48	n/a	n/a
Light Modulation of Antibiotic Resistance: A Novel Approach to Enhance the Potency of Existing Antibiotics	Ramirez, Maria	National Institutes of Health	6165	\$358,088	23%	24	n/a	n/a
Understanding Health Disparities in Maltreated Adolescents: A Biopsychosocial Perspective	Ji, Juye	National Institutes of Health	6178	\$682,239	39.1%	48	n/a	n/a
Community Seismic Network Messaging	Wood, Michele	Calif Institute of Technology	6195	\$30,000	0%	12	n/a	n/a
Effectiveness of School Policies in Promoting Healthy Eating and Physical Activity Among Children in Middle Schools	Koleilat, Maria	University of Michigan	6216	\$25,196	39.1%	36	n/a	n/a
California Retail, Print, Internet & Social Media ENDS Marketing Dynamics	Yang, Joshua	Tobacco -Related Disease Research Program (TRDRP)	6166	\$234,371	39.1%	2	n/a	n/a
Mechanisms of Mechanosensation in the Human Parasite Trypanosoma Cruzi	Jimenez-Ortiz, Veronica	American Heart Association	6247	\$153,927	10%	12	n/a	n/a
Characterization of key RNA regulators involved in horizontal genetic transfer in Non-Fermentative Gram-Negative Bacilli (NFGNB) pathogens	Ramirez, Maria Soledad	NIH	6274	\$139,100	0%	18	n/a	n/a
Role of Mechanosensitive Channels in the Human Parasite Trypanosoma Cruzi	Jimenez-Ortiz, Veronica	CSU Chancellor's Office	State	\$15,000	0%	18	n/a	n/aFor
Screening Underserved Vietnamese and	Seung, HyeKyeung	NIH	6302	\$384,982	39.1%	36	n/a	n/a

Korean Children for Autism Risk								
Understanding the mechanism of natural transformation in <i>Acinetobacter baumannii</i> : an important contributor to multidrug resistance	Ramirez, Maria Soledad	NIH	6304	\$417,296	39.1%	36	n/a	n/a
Identification and function of mechanosensitive channels in <i>Trypanosoma cruzi</i>	Jimenez - Ortiz, Veronica	NIH	6310	\$404,813	39.1%	36	n/a	n/a
NRI: Collaborative Research: Manipulative Hands for Objects with Deformable or Uncertain Geometry	Robson, Nina	NSF	6321	\$586,720	39.1%	36	n/a	n/a
NRI: Collaborative Research: Geometric Design of Mechanical Limbs for Task-Oriented Manipulation Subspaces	Robson, Nina	NSF	6320	\$542,561	39.1%	36	n/a	n/a
Pediatric Cancer and Autism Spectrum Disorder: Training Oncology Medical Professionals	Howell, Erica	The Doctor's Co. Foundation	6357	\$99,513	0%	24	n/a	n/a
Building Resilient Families	Horn Mallers, Melanie	Fahs-Beck Fund for Rsch and Exp	6196	\$17,349	10%	12	n/a	n/a
Documentation behaviors among athletic trainers: Understanding the differences between electronic and paper-based documentation	Kasamatsu, Tricia	Far West Athletic Assoc	6331	\$4,060.00	0%	12	n/a	n/a
A Place for our Families: Community Development and Housing for Asian American, Native Hawaiian & Pacific Islander Aging-in-Place	Kao, Dennis	Robert Wood Johnson Foundation	6344	\$74,996.00	10%	36	n/a	n/a
Effects of Child Maltreatment in Young Adulthood: Models of Successful Adaptation	Ji, Juye	NIH/ USC	6340	\$41,528.00	39.1%	48	n/a	n/a
<b>TOTAL</b>				<b>\$4,753,109</b>				

**VI. Grant Awards (AY15-16) – through April 30, 2016**

Title	PI	Sponsor	Project #	Amount Requested	IDC Rate	Duration (# mos)	# undergrad students	# grad students
Elder Financial Exploitation Victimization	Kao	University of TX (UTH)	50124115	\$9,039	39.1%	12	0	0
P20-Partnership for Cancer Health - YEAR 4	Tanjasiri	NIH	50106415	\$131,183	35.10%	12	0	0
Health Careers Opportunity Program (HCOP)	Tanjasiri	Health Resources and Services Administration	50129015	\$488,566	8%	12	0	1
Vietnamese American Older Adults Mental Health Literacy and Help Seeking - RCMAR	Tsong	UCLA/Charles Drew University	50131215	\$15,000	26%	12	1	1
Vietnamese American Older Adults Mental Health Literacy and Help Seeking - UCLA	Tsong	UCLA/Charles Drew University	50132515	\$15,000	26%	12	0	1
Environmental Justice and Community	Breskey	California EPA	50127215	\$20,000	21%	12	0	1
Daily Stressor Reactivity and Profiles of Physical Health Across Adulthood	Piazza	NIH	50129215	\$69,550	39.10%	7	0	0
HAPIY – Year 4	Nguyen	US DHHS Public Health Service	50105615	\$272,644	14.80%	12	2	0
Achieving Tobacco – Related Health Equity Among CA’s Diverse Populations	Yang	American Lung Association of OC	50132915	\$15,000	25%	12	1	1
<b>TOTAL:</b>				<b>\$1,035,982</b>				

**VII. Research Expenditures (AY15-16) – through April 30, 2016**

Title	PI	Sponsor	Project #	Amount Requested	IDC Rate	Duration (# mos)	# undergrad students	# grad students
PWS: Physical Activity	Rubin	U.S. Army Med Rsch Acq	54177	\$373,223.53	35.1%	10	2	2
PAP Test Intervention - Year 5 + NCE	Tanjasiri	NIH	50103314	\$90,044.76		10		
WINCART 2014-2016	Tanjasiri	NIH	50105114	\$258,533.32	14.8%	10		1
WINCART - Carryforward year 4 to year 5	Tanjasiri	NIH	50105115	\$11,511.07		8		
HAPIY - Year 4	Nguyen	DHHS	50105615	\$143,526.17	14.8%	8	2	
P20-Partnership for Cancer Health – Y4	Tanjasiri	NIH	50106415	\$43,803.88	39.1%	8		
*P20 - Pilot_Joshua Yang	Yang	NIH	50120715	25,202.95	39.1%			
*P20 - Pilot_Sadeeka Al-Majid	Al-Majid	NIH		9,779.43	39.1%			
WINCART - supplement: NASYA TAN (CGU) - Year 2	Tanjasiri	NIH	50110214	\$21,472.91	0%	4		
Pap Test Intervention –Hoopai	Tanjasiri	NIH	50114813	\$14,921.92	39.1%	5		1
Domestic Violence Among Women	Mechanic	NIJ	50116114	\$211,852.59		10		3
WINCART: CHE supplement	Tanjasiri	NIH	50121814	\$15,355.28	26%	9		
WINCART: GMaP Supplement	Tanjasiri	NIH	50121914	\$54,792.25	39.1%	10		1
Elder Financial Exploitation Victimization	Kao	Univ of Texas	50124115	\$6,778.85	39.1%	4		
Environmental Justice and Community	Breskey	CA EPA	50127215	\$13,545.68	21%	8		1
Health Careers Opportunity Program (HCOP)	Tanjasiri/ McMahan	HRSA	50129015	\$137,129.42	8%	8		1
Daily Stressor Reactivity and Profiles of Physical Health	Piazza	NIH	50129215	\$16,653.84	30.1%	2		
Vietnamese American Older Adults Mental Health – RCMAR	Tsong	UCLA/Charles Drew Univ	50131215	\$9,312.71	26%	4	1	1
Vietnamese American Older Adults Mental Health – UCLA	Tsong	UCLA/Charles Drew Univ	50132515	\$9,613.18	26%	4		1
Achieving Tobacco-Related Health Equity	Yang	Amer Lung Assoc of OC	50132915	\$544.37	25%	3	1	1
<b>TOTAL:</b>				<b>\$1,467,598</b>			6	13*

\*Some students were paid under more than one grant award; 16 total students.



**VIII. Other Income (AY15-16) - NONE**