

L.A. REGION SWP ROUND 2 and 3 PROPOSED REGIONAL PROJECTS (October 20, 2017 6pm)

REGIONAL SWP FUNDING: \$18,161,849

#	Project	Description	Round 1	Round 2	Round 3	# of Partners	Lead College and Partners	Contact
1	Across All Colleges/ ICT	L.A. Cloud Computing Consortium and Model Curriculum with HS Dual Credit Program is open to all 19 colleges (and one HS partner each), within the IT industry sector targeting jobs in cloud occupations. This high wage and high demand field has future job growth and structured industry certifications making it an ideal entry to high tech jobs. SMC administrators and faculty have been working with Amazon Web Services, the largest cloud computing service provider, as well as other colleges in the CPPT LA HI-TECH (LACC and PCC). AWS assisted SMC in developing a four 3-unit course sequence based on a curriculum framework called AWS Educate. This industry validated curriculum structure facilitates any entry level credential. The outcomes of this project will be using established models in community of practice, curriculum development, industry engagement and AWS industry certification. A common curriculum in Cloud Computing will be developed for high school dual enrollment and towards achievement of an AWS Certified Cloud Practitioner credential. College partners will receive \$50,000 per year based on experience developing cloud computing courses and initiating career pathways. The requested amount would be for Rounds 2 and 3 funding with centralized support coming from resources SMC is budgeting for convening, coordination, pathways technical assistance and industry engagement.	\$0	\$1,300,000	\$1,300,000	18	Across 18 Colleges (Not Mt. SAC): Cerritos, Citrus, Compton, East L.A., El Camino, Glendale, L.A. City, L.A. Harbor, L.A. Mission, L.A. Pierce, L.A. Trade Tech, L.A. Valley, Long Beach, Pasadena, Rio Hondo, L.A. Southwest, West L.A. Will be Open to Orange County colleges in Round 3.	Trish Ramos
2	Across All Sectors	Greater L.A. County Cooperative Work Experience Education Collaborative (formerly San Gabriel Valley) . A regional project to align and consolidate Cooperative Work Experience Education-based internship efforts, strategies, and partnerships. The project will also leverage common current accountability data tracking technology and resources to ensure efficient and non-redundant student-employer engagement and database development of evaluations of CWEE student activities and learning outcomes. Round 1: Build capacity, infrastructure and staff. Round 2: Attract three new funded partners, two Ring and one LACCD. LACCD partner will prototype campus and project ambassador to other LACCD colleges. Develop aligned CWEE curriculum that complies with CA Ed Code and CIWEA best practices. Develop common contracts and student-employer engagement and risk-management practices that align with CA community colleges and CIWEA/CEIA best practices. Rd 2 & 3 - Develop clearinghouse of employer and industry partners willing to engage in CWEE with member colleges. Build internship opportunities that earn college credit, develop and sustain permanent jobs. Round 3: Build on work of career pathways specialist project to integrate CWEE options into courses of study as well as high school work experience pathways. Build on work of Internship/Job Placement Specialist project to integrate WIOA-eligible students into the pipeline. Assess and establish consistent faculty compensation models for CWEE supervision. Disseminate results to region.	\$ 1,300,000.00	\$1,600,000	\$1,600,000	8	PCC, Citrus, El Camino, Glendale, Rio Hondo, Mt. SAC, LA Harbor, LATTC	Rocky Cifone
3	BioSciences	L.A. SWP Regional Biotech Collaboration will submit applications for SWP Rounds 2 and 3 in which nine colleges will create or augment biotech training programs for entry level technicians to close the yearly supply gap to industry shown by COE LMI reports	\$750,000	\$1,100,000	\$1,100,000	10	PCC, Citrus, Compton, East L.A., L.A. Harbor, L.A. Mission, L.A. Trade Tech, L.A. Valley, Rio Hondo, West L.A.	Wendie Johnston
4	Across All Colleges	L.A. Regional CTE Internships and Jobs Academy supports coordination of regional work-based learning outreach coordinators by established industry and economic development partners in high growth industry sectors to secure commitments by employers for wide range of WBL opportunities and connect with students and all 19 colleges, to create and support career events and information, coordinate and promote opportunities and manage an online internship and job board and social media initiative.	1192856	\$1,482,000	\$1,482,000	18	Across 18 Colleges (Not Cerritos) with intended benefit to all colleges with SWP outcomes for students at all colleges, L.A. City	Alex Davis
5	Across All Sectors/Education	Teacher Preparation-STEM/CTE Regional Collaborative: The Bureau of Labor Statistics projected tht the fastest growing careers would be in CTE fields. However, in order to prepare a workforce to fill these fast-growing and in-demand jobs, students will need training from quality secondary and postsecondary CTE teachers - resources that are severely lacking today due to the worsening teacher shortage in California. The TEACH Los Angeles Regional Collaborative seeks Round 2 and 3 funding to continue its Round 1 progress and expand on its Teacher Preparation Collaborative-STEM/CTE project with an overarching goal of scaling-up teacher preparation in the L.A. region through the development of a regional education pathway and integration into the Guided Pathways initiative. This project will focus on the following activities: dual enrollment, transfer, development of MOU(s), short-term certs, STEM/CTE professional development, pathways, and regional TEACH Los Angeles website.	\$472,632	\$1,730,431	\$1,730,431	11	Rio Hondo , Cerritos, Citrus, Compton, East L.A., El Camino, L.A. Mission, Long Beach, Pierce, Santa Monica, West L.A.	Lea Martinez
6	Across All Colleges	Career Pathways Specialists: Round 2 will expand career pathways; aligning with Adult Ed Consortia and WDBs in LA County. HS outreach activities that focus on 8 sectors. Will build on previous K-14 alignment and serve as a resource for, and collaborate with, the Career Pathway Specialists in the region. Round 3 will built upon the San Gabriel Valley Work Experience Collaborative and implement work based learning activities in HS and the 19 LA County Community Colleges.	\$2,540,000.00	\$3,340,000	\$3,340,000	19	Across All 19 Colleges with proportional funding to colleges, Rio Hondo , 8 DSNs	Lyla Eddington

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7	Across All Colleges	Center for a Competitive Workforce (formerly WERC) will produce integrated regional supply and demand, and sector-specific deeper dive, reports with occupational gap analysis led by COE in partnership with LAEDC, L.A. Area Chamber and Southern California Leadership Council that will be complemented with strategic industry and employer engagement strategies starting with innovative design of industry councils in six of highest growth sectors with specific agenda that can serve as regional industry advisory boards for all colleges, informs and partners on curriculum development aligned with industry requirements and 21st century skills, knowledge and abilities, faculty participation and industry support of faculty professional development, that improves ability to match of supply to demand with industry co-investment in producing more and higher quality work-based learning opportunities that lead to employment related to training.	\$750,000	\$2,000,000	\$2,000,000	19	Across All 19 Colleges, Santa Monica , with funding to Mt. SAC/COE. For benefit of all 19 colleges in L.A. region with contracted institutional partners and consultants leading implementation of the project	Trish Ramos/ Lori Sanchez
8	Engineering/ Advanced Manufacturing	Crosstown Engineering Design Manufacturing HUB provides systematic, broad-based Engineering Design Manufacturing pathways that emphasize the most prevalent design, fabrication and manufacturing technologies such as CAD, detail drawing and print reading, mechanical literacy, measurement and inspection, product and process development, cost analysis and project management, manual and CNC machining, 3D printing, sheet metal, welding rapid prototyping in artistic design, developing crosstown teams for competitions and/or projects. HUB is five CCs at \$150,000 each	\$600,000	\$600,000	\$600,000	6	Glendale , Cerritos, Mt. SAC, Pasadena, LA Mission + East LA (Round 2 if funding), LAVA (Round 3?)	Jan Swinton
9	Energy, Construction and Utilities	Energy, Construction and Utilities: The Los Angeles Regional Workforce Project: Projects include regional and inter-regional projects in the areas of: Building Operations Professionals, Advanced lighting and automated control systems, Control systems in commercial and industrial automation, HVACR, Building Science, Energy analysis and auditing, Facilities Management. The Energy Efficiency / Sustainability project is a response to the Energy Efficiency industry facing serious shortfalls in developing a skilled, trained, and available labor pool. According to a 2016 AEE-Advanced Energy Economy workforce study, statewide an estimated additional 15,000 skilled workers are needed each year to work in the Energy Efficiency industry. COE 2015-2018 data for the EC&U sector cluster SOCs in Los Angeles county indicates a need for 6,800+ annual openings (new & replacements) 2015-16LA region Community College completer data indicate 1,709 awards. The project strives to develop solutions, such as outreach campaigns and integrating industry and academia in a campaign to address the shortfall. Aligning objectives and activities with the efforts of the Los Angeles Economic Development Corporation, WIOA, LA County Leadership Council, LA Chamber and partner institutions to best address the issues of attracting, retaining, and successfully graduating students in Energy Efficiency programs. Thru engaging: willing Faculty participation and administration support; agreement on Common Outcomes; Third Party-Evidence based assessment toward industry valued credential and Industry advisement. Braiding available Perkins, local SWP, Prop 39 and ISPIC funding streams. Round 1: EC&U Project \$826,000 - HVACR Project \$750,000	\$1,576,000	\$800,000	\$800,000	11	Rio Hondo , Mt SAC, East Los Angeles, El Camino, Compton, Santa Monica, LATT, Pasadena, Long Beach, Glendale, LA Southwest	Bruce Noble
10	Entrepreneurial	Entrepreneurial Mindset Across Disciplines to develop EMAD in CTE fields, as well as STEM, targeting students, faculty, and community to generate the potential to yield business ownership, partnerships and corporate entities. An Entrepreneur Network will be developed for all participating campuses to, (1) Increase Resources for Small Businesses/Entrepreneurs, (2) Cultivate the Innovation and GIG Economy, (3) Promote an Inclusive Entrepreneur Network, and (4) Make marketing and social media materials student-friendly. The key activities to support these goals are: <ul style="list-style-type: none"> •Create a Student Membership Launch program to engage over 400 student members from the colleges with the Entrepreneur Network. •Host quarterly Entrepreneur Innovation Gatherings with students from the colleges, entrepreneur leaders of the LA's incubators, accelerators, and anchor institutions. •Create a student leadership team of Entrepreneur Ambassadors, by identifying business students at each of the colleges to help lead the student component of the Entrepreneur Network. •Create a broad Resource Network that will include a web platform, an online resource database, an online comprehensive calendar, and program evaluation instruments. Help students and entrepreneurs self-identify based upon business stage and connect them directly to needed resources. •Develop a High School to College Facebook Business/Entrepreneur Page that publicizes resources, tools, regional events and strategies. •Catalogue LA's Business Development Organizations and Resources into an easy-to-use resource directory, and serve as a One-Stop-Shop for small, minority and local businesses to find information needed to support business development. •Create a City-wide comprehensive Entrepreneur Events Calendar, and merge them with our college Entrepreneur events. •Co-create the Accelerate Entrepreneur Series program of six 90 minute workshops and workbooks available to college students, high school students, and community participants. •Co-plan the Empower Youth Entrepreneur's Summit, 2018 for the colleges and high school partners for up to 500 attendees. 	\$424,000	\$424,000	\$424,000	9	L.A. Southwest , East L.A., El Camino, L.A. Trade Tech, L.A. Valley, Long Beach, L.A. Mission, Santa Monica, West L.A.	Rick Hodge

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11	Global Trade and Logistics	Global Trade & Logistics Consortia programs of 12 campuses aligned with industry professionals from 2 counties are focused on student engagement with broad job opportunities in the industry. PRO-GTL promotes career opportunities in global trade, ecommerce, logistics and entrepreneurship. The consortiums primary goals support workplace readiness, curriculum development, faculty professional development within the sector, student enrollment, leadership and advocacy, and industry collaboration and expansion. Through enrollments in 35 different certificate programs, 28 degree programs, 20 industry credentials, work-based learning opportunities, and faculty-classroom experiences, the consortium is primed for direct employment, completion and wage gains for students in the program. The work of the PRO-GTL Regional Consortium in its first year has gained national statewide, regional and local media coverage throughout education and industry publications. The regional approach of PRO-GTL combines local and regional projects for maximum student impact, developed working relationships between industry, faculty and counselors, and regional alignment of programs in ten project initiatives.	\$808,842	\$1,150,000	\$1,150,000	12	L.A. Southwest, Compton, East L.A., Glendale, L.A. Harbor, L.A. Mission, Long Beach, Mt. SAC, Pasadena, Santa Monica, West L.A., and Santa Ana College	Rick Hodge
12	Healthcare	Health Sector Career Pathways Project to continue to integrate and refine foundational curricula for high demand healthcare specialties including Respiratory Therapy, RN, Radiology Technician while engaging with and marketing to industry in order to institutionalize courses for statewide access.	\$1,410,000.00	\$1,270,000	\$1,270,000	7	Rio Hondo, Cerritos, Citrus, East L.A., El Camino, Glendale, Santa Monica	Gail Biesemeyer
13	Healthcare	L.A. Region Healthcare Pathway Foundations and Work Readiness Project is designed to provide a regionally coordinated career pathway approach to curriculum and program development in the healthcare sector. The foundation curriculum aspect of this program expands on the work of the L.A Healthcare Competencies to Careers Consortium (LAH3C) to the entire LA region. The project will provide funds that will be used to share the curriculum and programs with the entire region, including the Health Occupations courses, which comprise the Healthcare Foundation Certificate, which can be used as a high school bridge and/or as the initial certificate in a number of industry-informed stackable credentials. The project also features innovations via the use of digital badges, which consists of micro-credentialed competencies identified by industry as those required for entry level employment in the field. These badges are complete and were recently reaffirmed by industry. One such badge is the LA Area Chamber Healthcare Work Readiness Badge, a work readiness certification developed specifically for the healthcare industry in partnership with the LA Area Chamber and healthcare employers, which will be expanded and marketed with funds from this Strong Workforce project. All 10 ring colleges are invited to participate and can receive funds to pay faculty for curriculum development to customize the Health Occupation Courses and to integrate the foundational courses and badges into each college's existing healthcare pathways in a way that makes sense to each college. LACCD colleges are invited to participate and will receive funds for stipends for faculty involved in LAH3C to provide technical assistance and faculty mentoring for the ring college colleagues. 18 colleges in the region will benefit from this project.	\$0	\$850,000	\$850,000	17	Across 17 Colleges (Not Cerritos or Mt. SAC) with proportional funding to all Partners, LATTC	Marcia Wilson
14	Across All Colleges	Noncredit College and Career Readiness to implement new noncredit CTE and pre-apprenticeship, curriculum, create teaching modules/materials, organize professional develop PD opportunities, recruit students, map pathways for regional adult education and noncredit students to transition to credit CTE programs and work, job placement	\$265,000	\$1,500,000.00	\$1,500,000	19	Across all 19 Colleges with Commitments from all colleges, Mt. SAC	Madelyn Arballo
15	Across All Colleges	Internship/Job Placement Specialist Project aims to establish a consistent process for how employers and students access job and internship placement services across all LA Region Colleges. Outcomes include: 1) A common intake form/process for employers to post job announcements regarding employment opportunities. This process will allow colleges to identify at the first contact how the employer wants to be engaged. For example: do they want to post job openings only or do they have internship opportunities for students as well? 2. Establish protocols for how colleges vet employers to minimize college liability with regards to where students are placed as interns and where they are referring students to jobs. 3. Identify web based technology that can be used by all LA colleges for data collection and posting of job and internship opportunities. 4. Create a non-credit work readiness curriculum that students can access at any campus through collaboration with their Adult Ed programs. Curriculum will include core components that meet the needs of employers across multiple industry sectors and colleges will be able to create modules for specific industry sectors that can be offered at their campus. 5. Provide staff support for those colleges that do not have an internship/ job placement specialist. Or funds can be used to supplement current job/ internship activities in alignment with this project. Create a consistent job description for this activity so that employers can get the same level of service across all 19 campuses. 6. Provide professional development for internship/ job placement staff through mutually agreed upon activities. ie. Do the colleges want to all engage with the California placement association?	\$0	\$2,480,000	\$2,480,000	18	Across 18 Colleges, intended to benefit all Colleges and proportional shares to all College Partners, L.A. Harbor	Sandra Sanchez

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16	Across All Colleges	Regional Marketing, Outreach and Showcasing for regionally aligned and coordinated marketing of SWP local and regional projects, CTE programs regionwide, social media campaigns, leverage and coordinate with CCCCC statewide marketing efforts, website and IT enhancements to make data and occupational/career information including videos accessible for k-12, college and adult ed recruitment, promote specific and regional CTE offerings and opportunities, support targeted and broad employer engagement strategies and industry engagement in non-highest priority sectors and successful WBL opportunities and SWP outcomes; implementation of plan for reality television competitions between students from LA region colleges with professional mentors for students in programs such as culinary, IT, film, design, and marketing. Funding to Mt. SAC/COE for publications related marketing and communications, Marketing will also be	\$1,050,000.00	\$1,500,000	\$1,500,000	19	Across All 19 Colleges for the benefit of all colleges with direct funding to Mt. SAC. Santa Monica.	Trish Ramos / Lori Sanchez
17	CyberSecurity	Regional NetLab Hub & Cybersecurity Project: OC/LA regional project to create a regional net-lab to provide around the clock access to CTE training and virtual labs. The lab system will be used for courses that prepare students for jobs in IT and Cybersecurity.	1450000	\$1,450,000	\$1,450,000	14	Rio Hondo , Cerritos, Citrus, Compton, East L.A., El Camino, Glendale, L.A. City, Long Beach, L.A. Harbor, L.A. Mission, Pasadena,	Mike Slavich/Gita Runkle
18	Retail	Retail Ready CA (RRC) is a public-private collaboration focused on developing the next generation of skilled workers for the retail sector in California. With the elevated commitment to 3-commerce as part of a growing number of companies' global growth strategies, students will gain certifications, credentials and skills through the Retail Management Certificate (RMC) Program. Community colleges gain access to innovative curriculum such as virtual retail and digital literacy that align with consumer purchasing trends. Employer collaborations include Apple retail stores and the Western Association of Food Chains among others to offer students career exploration, job shadowing, workplace experience and job placement assistance.	\$0	\$600,000	\$0	10	Cerritos College , Compton, El Camino, LA City College, L.A. Mission, LA Harbor, LA Trade Tech, Mt. SAC, Pasadena, Rio Hondo	Randy Morales
19	Advanced Transportation	Advanced Transportation Regional Workforce Collaborative: The Transportation Workforce Institute (TWI) at LATTC aims to ensure a well-trained and diverse transportation workforce. TWI's reach is national – constructing and disseminating model, sharable curriculum and workforce development resources based on national industry standards and certifications. TWI's impact is also regional – leading industry, education, and workforce development partners in creating programs and services that meet immediate and long-term employer needs while connecting diverse communities and citizens through transportation projects and workforce development efforts. The work of this Round 2 and 3 Strong Workforce Project is shaped by two inter-connected strategies: (1) implement strategies and action items identified from sector research (and detailed in the Transportation and Warehousing Workforce Development Framework for Action: Los Angeles and Orange Counties, California) that contribute to a systemic approach to workforce development in the transportation industry throughout the region, and (2) strengthen and align regional transportation-related curriculum and programs of study. LA Trade-Tech will coordinate the work through the Transportation Workforce Institute, in partnership with the participating colleges, the LA Workforce Investment Board and regional employers. The project will leverage Metro's Project WIN-LA, Metro's regional Workforce Investment Now (WIN) workforce development training initiative and the multi-year, multi billion Measure M bond measure to modernize and upgrade the transit system in LA County, including buses, light rail and trains.	\$620,000	\$750,000	\$750,000	9	LATTC , Compton, East L.A., L.A. Harbor, L.A. Pierce, L.A. Valley, Long Beach, Mt. SAC, Santa Monica	Marcia Wilson
20	Aerospace/Drone	UAV Regional Project: Training and Internship Partnership model focused on the emerging technology field of Unmanned Aerial Vehicle (UAV). Through this new program, participants will be trained on available applications for UAV including cinematography, photography, real estate, security, emergency response, agriculture, oil & gas, mining, construction, surveying, UAV programming, and maintenance. \$250K/College (\$150K Round 2), (\$100K Round 3)	\$0	\$1,813,000	\$700,000	5	East L.A. , Compton, L.A. City, L.A. Mission, L.A. Trade-Tech	Armida Ornelas
21	Advanced Manufacturing	Uniquely Able Academy offered the 1st Uniquely Able Academy in summer 2016. High End Autism Spectrum students were trained as CNC (Computer Numerically Controlled) Operators. The project would assist other colleges interested in replicating this model at their own college in one of their CTE programs where specific tasks and focused attention to detailed repetitive processes, are required for the job skill sets. GCC will help advise CC site how to implement the UAA program. GCC did this with no budget, and agencies donated staff, resources, etc.) New UAA programs need staff to implement and to follow-up with students and employers. This model will be shared by Glendale Community College and local partners with West LA College, LA Mission College, and LA Trade Tech.	\$230,000	\$250,000	\$250,000	6	Glendale , Compton, El Camino, L.A. Mission College, L.A. Pierce, L.A. Trade-Tech, West L.A.	Jan Swinton
SWP ROUND 2 and 3 REGIONAL PROJECTS IN DEVELOPMENT Thursday October 19, 2017								
83% Regional Share for each Round: \$18,161,849			\$15,439,330	\$ 27,989,431.00	\$26,276,431			
			Round 1	Round 2	Round 3			

TOTAL FUNDING FOR PROPOSED REGIONAL PROJECTS

\$15,439,330 \$27,589,431.00 \$ 26,276,431.00

Net Difference from AVAILABLE 83% FUNDING

\$9,427,582 \$8,114,582