Examples of Previously Approved CDIIP Projects			
Year of Submission	**Department**	**Division**	**Project Title**
2015	Chemistry & Biochemistry	Division of Physical Sciences	A New Hybrid Course: The Scope of Chemistry and Biochemistry (CHEM1)
2015	Physics	Division of Physical Sciences	Online lectures/discussion sections - Phys 1A and 2A
2015	Chemistry & Biochemistry	Division of Physical Sciences	Creation of a Learning Studio to Support the Implementation of Flexible, Student-Centered, Active Learning Environments in Undergraduate Chemistry Courses.
2015	Mechanical and Aerospace Engineering	Jacobs School of Engineering	Spatial Visualization Training (SVT) App
2015	Molecular Biology	Division of Biological Sciences	Hybrid version of Circadian Rhythms coursew/ multi-media materials
2015	Linguistics	Division of Social Sciences	Development of "The Linguistics of Invented Languages" (LIGN 5)
2015	Structural Engineering	Jacobs School of Engineering	Novel concepts and innovative approaches to improve undergraduate teaching of finite element analysis
2015	Physics	Division of Physical Sciences	Teaching Physics problem solving skills using the Learning Glass technology
2015	Chemistry & Biochemistry	Division of Physical Sciences	Connected learning: Online videos for increasing learning engagement in organic chemistry
2016	Chemistry & Biochemistry	Division of Physical Sciences	Re-thinking Discussion Sections: Adapting and Implementing POGIL Activities to Improve Student Learning in General Chemistry
2016	NanoEngineering	Jacobs School of Engineering	Promoting active learning with Arduinos in smaller freshmen programming classes
2016	Education Studies	Division of Social Sciences	Undergraduates Engaged in Design-Based Research for Improving San Diego Schools
2016	Economics	Division of Social Sciences	Microeconomics and Econometrics Tutoring Labs
2016	Cell and Developmental Biology	Division of Biological Sciences	Increasing opportunities for writing-to-learn in biological sciences
2016	Ecology, Behavior & Evolution	Division of Biological Sciences	The Wild Yeasts Biodiversity Project: An authentic research experience for undergraduates in Molecular Methods in Evolution and Ecology (BIEB 123).
2016	Sociology	Division of Social Sciences	Creating a Hybrid course for First-Year Japanese Language
2017	History	Division of Arts & Humanities	Learning Beyond the Classroom Setting: A Multi-Faceted Curricular Experience for Undergraduates to Engage the History and Contemporary Life of Understudied Racial and Ethnic Communities in San Diego
2017	Chemistry & Biochemistry	Division of Physical Sciences	Postdoctoral Scholar in Chemical Education: Evaluation and Improvement of the General Chemistry Laboratory Curriculum and Pedagogies.
2017	Literature	Division of Arts & Humanities	Course Enhancement and Development in African American & African Diaspora Studies (AAADS)
2017	NanoEngineering	Jacobs School of Engineering	CENG 15R: An industry-academia collaboration to develop a for-credit, fully online MATLAB course
2017	Eleanor Roosevelt College	Colleges	Hybrid Online Making of the Modern World Transfer Course (MMW121)
2017	Mathematics	Division of Physical Sciences	Introduction to Open-Source Mathematical Software
2017	Economics	Division of Social Sciences	Problem Solving and Economics Tutoring Lab (PSET)
2017	Molecular Biology	Division of Biological Sciences	Data Curation and Analysis for Introductory Biology Laboratory (BILD 4), Stephanie Mel, Associate Teaching Professor and Stanley Lo, Assistant Teaching Professor Division of Biological Sciences
2017	Computer Science and Engineering	Jacobs School of Engineering	"Waste not, want not": Leveraging podcast footage for cheap flipped classrooms
2017	Electrical and Computer Engineering	Jacobs School of Engineering	Redesigning ECE35, the core gateway course of electrical and computer engineering, as a hybrid flipped classroom experience
2017	Sociology	Division of Social Sciences	Creating a Hybrid Course for First-Year Japanese Language: Year Two Request

2017	Psychology	Division of Social Sciences	Online training-to-mastery statistics assignments via procedurally generated problem-sets.
2018	Electrical and Computer Engineering	Jacobs School of Engineering	Redesigning ECE 65 by integrating critical thinking training videos to the course
2018	Physics	Division of Physical Sciences	New Hybrid Course Development: Topical Research Mini-Course Astrophysics Pilot
2018	Chemistry & Biochemistry	Division of Physical Sciences	Improving Student Learning Outcomes and Critical Thinking in Introductory Biochemistry Using POGIL
2018	Political Science	Division of Social Sciences	"Out of the Required Research Methods Course and into the Lower-Division Classroom: A Case Study in Expanding Undergraduate Exposure to Research in the Social Sciences"
2018	Geosciences Research Division	SCRIPPS	Modernizing the SIO Geological Teaching Collection
2018	Anthropology	Division of Social Sciences	UCSD / La Posta Kumeyaay Archaeological Field School
2018	Mathematics	Division of Physical Sciences	Linear Transformation: Flipping Discussion Sections and Realigning Scientific Computing in Linear Algebra
2018	Cell and Developmental Biology	Division of Biological Sciences	Developing students' abilities to construct scientific arguments based on data from primary literature
2018	Electrical and Computer Engineering	Jacobs School of Engineering	Transforming ECE15 into a hybrid flipped class and adapting it to better serve students with little prior programming experience.
2018	Economics	Division of Social Sciences	Game Theory Video Handbook - Phase 1
2018	Cell and Developmental Biology	Division of Biological Sciences	Generation of a shared video lecture resource to facilitate the conversion of BICD 110 (Cell Biology) to a flipped model.
2019	Electrical and Computer Engineering	Jacobs School of Engineering	Redesigning ECE 101 by preparing lecture videos and Matlab-based group projects to the course to offer it as a hybrid/flipped course in the electrical and computer engineering department.
2019	Psychology	Division of Social Sciences	Community Science
2019	Mechanical and Aerospace Engineering	Jacobs School of Engineering	MAE170 "Experimental Techniques" Lab Course Redesign with Live Demonstration Content Transfer to MAE131A "Solid Mechanics I" and MAE130C "Mechanics III: Vibrations"
2019	Chemistry & Biochemistry	Division of Physical Sciences	Chemical Thinking: Transforming CHEM 4: Basic Chemistry into a Hybrid Course to Meet Departmental Needs for a Preparatory Chemistry Course
2019	Mechanical and Aerospace Engineering	Jacobs School of Engineering	Flipped Hands-on Exercises for New Statics and Dynamics Curriculum
2019	NanoEngineering	Jacobs School of Engineering	CENG 100L: Incorporating hands-on, laboratory activities to a sophomore level chemical engineering course
2019	Mechanical and Aerospace Engineering	Jacobs School of Engineering	Flipping Machine Design Course: An Experiential Leanings approach to Design of Machine Elements
2019	Philosophy	Division of Arts & Humanities	Creating screencasts, with subtitles, as an additional modality of content delivery for Philosophy 10 Introduction to Logic.
2019	Philosophy	Division of Arts & Humanities	A Role-Immersion Game for Teaching Philosophy and Ethics
2019	Physics	Division of Physical Sciences	Flipping Physics 130A: Creating online lecture videos and interactive in-class exercises for the upper-level introduction to Quantum Mechanics
2019	History	Division of Arts & Humanities	The Great East Asian Tradition for UCSD
2019	Electrical and Computer Engineering	Jacobs School of Engineering	Creating technologies to support the flipped classroom.
2019	Communication	Division of Social Sciences	Building a Transnational Visual Archive for Teaching Media Methods to International Undergraduate Students
2019	Physics	Division of Physical Sciences	Physics 2E: A New Bridge Course from Lower- to Upper-Division Physics
2019	School of Global Policy and Strategy	School of Global Policy and Strategy	Creating Hybrid Course Learning Materials for the First-Year Japanese Language Series
2020	Political Science	Division of Social Sciences	Online Instructional Modules for Introductory Statistics in Political Science, and Beyond

2020	Thurgood Marshall College	Colleges	Scaffolded Remote Support for Successful Strategic Reading in DOC 1
2020	Chemistry & Biochemistry	Division of Physical Sciences	Updating the Organic Lab: Scientific Argumentation based on Spectroscopy
2020	Psychology	Division of Social Sciences	Enhancing the Psychology core methods curriculum: a new emphasis on computational literacy, open-science practices, and project-based collaboration
2020	Mechanical and Aerospace Engineering	Jacobs School of Engineering	MAE 3 Redesign for Remote Learning: Development of low-cost hardware kits for hands-on laboratories
2020	School of Global Policy and Strategy	School of Global Policy and Strategy	Creating Hybrid Course Learning Materials for the First-Year Japanese Language Series_Year 2
2020	Anthropology	Division of Social Sciences	INvolving Students In DEsigning Research (INSIDER): Delivering hands-on research seminars to empower undergraduate students to pursue research earlier in their university career
2020	Chemistry & Biochemistry	Division of Physical Sciences	Development of a Fully Flipped Classroom to Improve Student-Centered Learning and Critical Thinking in Organic Chemistry
2020	Bioengineering	Jacobs School of Engineering	The Big BENG: Video content for Bioengineering undergraduate courses
2020	Electrical and Computer Engineering	Jacobs School of Engineering	Training students to take part in the assessment of their learning
2020	History	Division of Arts & Humanities	Building a Scalable Model for Teaching the Climate Crisis
2020	Communication	Division of Social Sciences	Developing “Digital Media Literacy” (COMM 30) as Flipped General Education Course
2020	Communication	Division of Social Sciences	New Hybrid Course in Communication: Digital Storytelling and Community-Based Media
2021	Section of Neurobiology	Biological Sciences	Creation of a unified and modular platform for the assessment of learning objectives and development of critical thinking in BIPN 100 Human Physiology.
2021	Education Studies	Social Sciences	Next Steps: Designing Core Courses for the New Black Diaspora and African American Studies Major
2021	Chemistry & Biochemistry	Physical Sciences	Improving Student Learning Outcomes and Critical Thinking in Organic Chemistry - Integrating POGIL Activities in Discussion Section and Screencasts for the Hybrid/flipped classroom.Improving Student Learning Outcomes and Critical Thinking in Organic Chemistry - Integrating POGIL Activities in Discussion Section and Screencasts for the Hybrid/flipped classroom.
2021	Mechanical and Aerospace Engineering	Jacobs School of Engineering	Centering MAE 8 around inclusive peer learning and project-based activities
2021	Education Studies	Social Sciences	Toward a Higher Education Studies Pathway
2021	Urban Studies and Planning	Social Sciences	Surveying Green Infrastructure: Developing Experiential Learning Opportunities for Students
2021	Chemistry & Biochemistry	Physical Sciences	Creation of a JupyterHub to bring dynamic content, basic programming skills, and data literacy into chemistry & biochemistry classrooms
2021	Chemistry & Biochemistry	Physical Sciences	Modernizing organic chemistry laboratory courses with flow chemistry
2021	Computer Science and Engineering	Jacobs School of Engineering	Open Educational Resources: Free, accessible, sustainable resources for Discrete Math (and beyond)
2021	Electrical and Computer Engineering	Jacobs School of Engineering	Cultivating Tools for Imagination in Engineering
2021	Computer Science and Engineering	Jacobs School of Engineering	(More) Free, Interactive, Open Educational Resources for Lower-Division Programming Courses
2022	Electrical and Computer Engineering	Jacobs School of Engineering	Teaching Electromagnetism in an innovative way - integrating interactive visualization tools and simulation projects into the course structure
2022	Literature	School of Arts & Humanities	LTWR 144 THE TEACHING OF WRITING 2.0
2022	Cognitive Science	School of Social Sciences	Promoting Hands-On Maker Skills for Undergraduates in the Design Minor
2022	Cognitive Science	School of Social Sciences	Equity-based project group management tool integrating Canvas and Github
2022	Political Science	School of Social Sciences	Scaling "Bending the Curve": Climate Change Education Now!
2022	Mechanical and Aerospace Engineering	Jacobs School of Engineering	Broadening Participation in STEM through UCSD Virtual Lab and Digital Engagement

2022	Anthropology	School of Social Sciences	Scaling up the “INvolving Students In DEsigning Research” (INSIDER) Program: Hands-on research seminars to empower undergraduate students to pursue research
2022	Psychology	School of Social Sciences	Collaboratively-Authored Open Interactive Textbook for Cognitive Psychology
2022	SIO Department	Scripps Institution of Oceanography	Access, Diversity, and Interactiveness to Improve Learning about the Atmosphere in our Changing Climate
2022	Chemistry & Biochemistry	School of Physical Sciences	Creation of an Open Educational Resource Textbook for Organic Chemistry with a Biological Emphasis