

Harvard Chile Innovation Initiative Report 13/12/13

Harvard Lead Professor and Collaborators

	Chile Counterpart Teams	Program Name	HCI fund	Other sources	Brief description
1	Doug Ahlers, HKS Ivan Cartes, Universidad del Bio Bio; Macrcela Renteria DRCLAS Santiago	Entrepreneurship and Innovation Competition as a Driver of Economic Development in Cobquecura, Chile	25,000	68,000	Develop and study results of a competitive entrepreneurial/innovation start-up funding program to revitalize the local economy of Cobquecura as central activity of Harvard course: Community Recovery: Rebuilding Disaster Damaged Communities in Chile, 607M
2	Sergio Delgado FAS; Thomas Cummins, FAS; Liz Munsell, Museum of Fine Arts, Boston Luis Pratto, Ana Maria Risco, Universidad Catolica y Claudia Zaldivar, Museo de Solidaridad Salvador Allende	Conceptual Stumblings	21,450	5,000	Consolidate a new body of knowledge through research, seminars and workshops analyzing relationships between aesthetics and politics that developed a new body of conceptual art throughout the last 40 year period.
3	Loffi Merabet, HMS; Lindsey Yazzolino, HMS; Ribah Dow, Carroll Center for the Blind; Darick Wright, Perkins School for the Blind Jaime Sanchez, Universidad de Chile; Francisco Aylwin, Fundacion Telefonica, Santa Lucia School for the Blind; Matias Espinoza Universidad de Chile	Developing Educational Video Games for Blind Children: A Merger of Assistive Technology and Study of Brain Function	21,500		Develop novel education and rehabilitation strategies for the blind bringing together neuroscientists and software developers to create gaming software for the blind.
4	Kiel Moe, GSD Juan Jose Ugarte, Andres Sierra, Tomas Floch, Daniel Ibanez, Universidad Catolica CIDM, and the Faculty of Architecture	Cellular Solids: Thermodynamics of Wood Urbanism	25,000	25,000	Develop one of the first dynamic studies of wood for contemporary mid-rise buildings, including the composite structural, thermal, ecological, geographical behaviors of wood as a modern construction material.
5	Judith Palfrey, HMS; Elizabeth Peacock-Chambers HMS Juan Jose Ugarte, Andres Sierra, Tomas Floch, Daniel Ibanez, Universidad Catolica CIDM, and the Faculty of Architecture	Innovative School Partnership: Educacion Basca en Realidad	25,000		Embedding health and wellness, environmental and conservation learning, and family and community growth into the school environment to prepare children for a productive future as part of disaster recovery.
6	Hanspeter Pfister FAS; Charles Alcock, FAS; Pavlos Protopapas, FAS Eduardo Vera, Pablo Estevez, Mario Hamuy, Universidad de Chile; Chris Smith, AURA; Karim Pichara, Universidad Catolica	Chile 2014: Chile-Harvard Innovative Learning Exchange	25,000	24,000	Research collaboration providing hands-on experience for faculty and graduate students working on a cutting-edge astronomical instrument, the Dark Energy Camera, contributing to the international Dark Energy Survey probing the origin of the universe.
7	Paola Uccelli, HGSE Alejandra Meneses, Universidad Catolica	Language for Learning: Designing and Pilot Testing a Promising Instrument to Capture Spanish-speaking Adolescents' Academic Language Skills in Chile	24,970	12,525	Research theoretically grounded psychometrically robust instrument to track the development of school relevant language skills for the first time for Spanish speaking children.
8	Krzysztof Wodiczko, GSD Sergio Araya, Universidad Adolfo Ibanez	Critical Design and research for Informal Learning	25,000	5,000	Through the use of design, the project will develop a new research initiative to explore alternative forms of informal learning using new design technologies.
9	Jen Sheen, HMS Rodrigo Gutierrez, Universidad Catolica	CRISPR-based Technologies for Synthetic Biology in Plants	24,500		Design and construct artificial biological systems combining engineering and systems biology bridging the gap between these new technologies and current knowledge.
			HCI	Other funds	TOTAL
			217,420	139,525	356,945