Designing Learning Spaces that Disrupt the Status Quo

David Hart, AIA
President + CEO
Steinberg
dhart@steinberg.us.com

Susan E. Metros
Professor + Associate Dean
Iovine and Young Academy
University of Southern California
sметрос@usc.edu
WHAT?

The USC Jimmy Iovine and Andre Young Academy for Arts, Technology and the Business of Innovation program and the partnership with Steinberg to design The Garage
Factors influencing innovation in teaching and learning

Future Workforce Skills
Educating for Jobs that Don’t Exist
EDUCATING FOR JOBS THAT DON’T EXIST

Traffic Transitionist • Impact Minimizer • Demand Optimizer • Feedback Looper • Atmospheric Water Harvester • Inflectionist • Fear Containment Manager • Data Contextualist • Guardian of Privacy • Cradle to Grave Lifecycle Manager • Body Modification Ethicist • Super Baby Designer • Drone Traffic Optimizer • Data Stream Organizer • Extinction Revivalist • Global System Architect • Avatar Relationship Manager • Hostage Specialist • Crypto Currency Banker and Regulator • Bio-Factory Doctor • Career Transitionist • College & University Dismantler • Legacist • Life-Stage Attendant • Extinction Revivalist • Body Part Maker • Clone Rancher • Body Part & Limb Maker • Technology Whisperer • Quantified Self Assessment Auditor • Amnesia Surgeon • Data Actuary • Earthquake Forecaster
FUTURE WORKFORCE SKILLS

1. Sense-Making
   Critical Thinkers and Decision Makers

2. Social Intelligence
   Empathetic Partners

3. Novel and Adaptive Thinking
   Agile Problem Solvers

4. Cross-Cultural Competency
   Cultural Ambassadors

5. Computation Thinking
   Coders and Hackers

6. New-Media Literacy
   Media Prosumers

7. Transdisciplinarity
   Multilingual Designers, Entrepreneurs and Technologists

8. Design Mindset
   Design Thinkers and Tinkerers

9. Cognitive Load Management
   Information Synthesizers

10. Virtual Collaboration
    Team Leaders and Players
Jimmy Iovine and Dr. Dre give $70 million to create new academy at USC

By Dan Lacovara
May 15, 2013

Entrepreneurs and music industry icons Jimmy Iovine and Dr. Dre (Andre Young), already known as forward-thinking visionaries in music and business, are giving $70 million to USC to create a unique undergraduate experience.

The duo’s gift will establish the USC Jimmy Iovine and Andre Young Academy for Arts, Technology and the Business of Innovation, an environment for those rare
Think you’re as innovative as this guy?
He’s betting on it.

Think you’re as creative as this guy?
He’s betting on it.

USC Iovine and Young Academy
Arts, Technology and the Business of Innovation

Jimmy Iovine
TRULY INTEGRATED DISCIPLINES
THE LEARNING PATH

Year 1
Thinking across Disciplines

Year 2
Applied Skills

Year 3
Concept to Creation

Year 4
Developing a Prototype

BS in Arts, Technology and the Business of Innovation
THE STUDENTS
How Space Affects Learning

Ideation and Iteration

The Projects
IDEATION AND ITERATION
THE PROJECTS
THE PROJECTS
THE PROJECTS
Envisioning learning spaces from diverse perspectives

Visualizing the Design
Qualities of Learning Spaces
THE SPACE
EXISTING FLOOR PLAN

The Academy

Student Affairs
PROCESS

Educating for Jobs that Don’t Exist

Educating for Innovation

Truly Integrated Disciplines
Arts | Business | Engineering

The Learning Path

The Students
Setting the Stage for Innovation
VISIONING WORKSHOPS
WORKSHOP RESULTS

USC Garage | Spatial Quality & Program

Mixing Chamber

Display

Fabrication

Collaboration

Terrace
WORKSHOP RESULTS

USC Garage | Spatial Quality & Program

Collaboration
SPACE TYPHOLOGIES

WORK SPACE

WE SPACE

ME SPACE
THE GARAGE
ENTRY DISPLAY
CLASS
FABRICATION
COLLABORATION
TERRACE
CONTACT US…

David Hart, AIA
President + CEO
Steinberg
dhart@steinberg.us.com

Susan E. Metros
Professor + Associate Dean
The Iovine and Young Academy
The University of Southern California
smetros@usc.edu