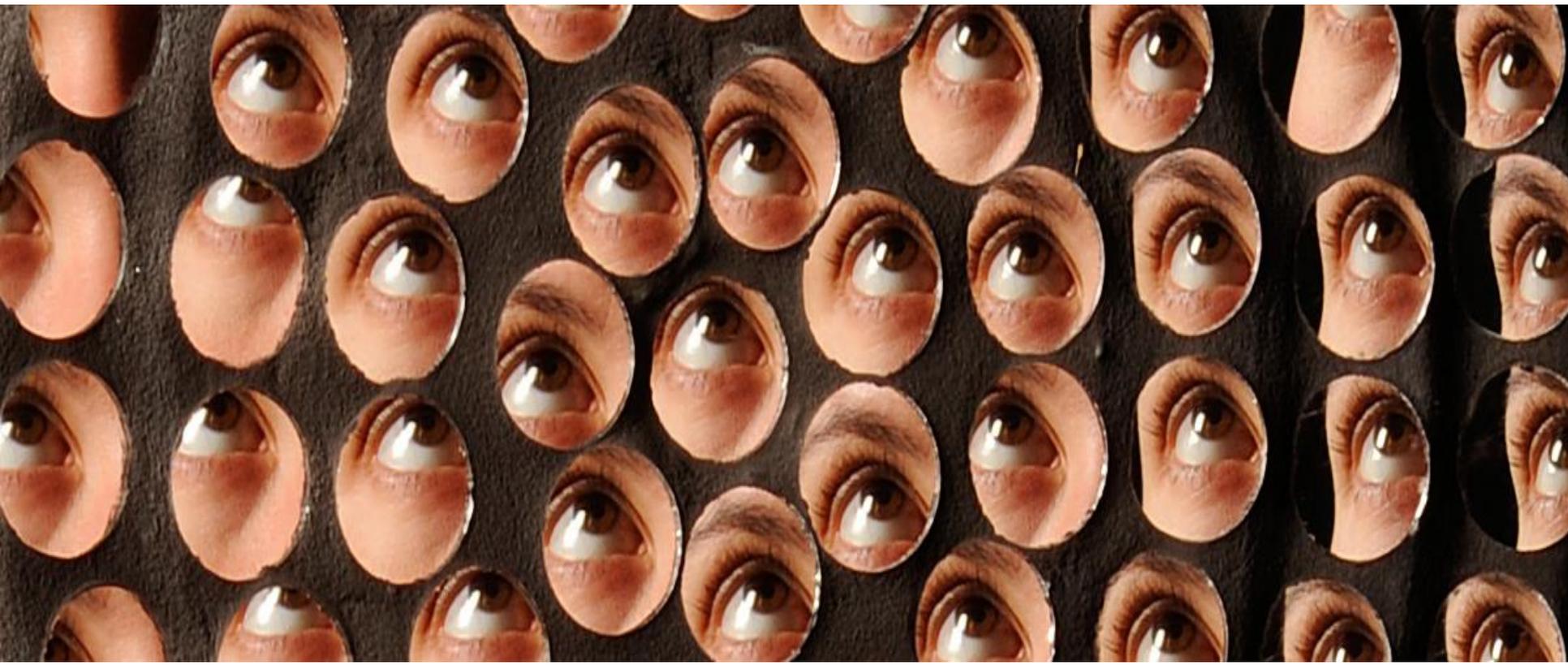


Transferring Expertise to Broaden Horizons

NAMES 2018 October 25th



Hello and Thank You About Exploratorium

3 Projects

- A.M. Qattan Foundation
- UCSF Benioff Children's Hospital
- NSF Street Smarts





About the Exploratorium

- Founded by a visionary research physicist
- Grounded in collaborative, interdisciplinary, R&D
- More about questions than answers
- Learner-centric: explore, experiment, play
- Best teachers are learners: visitors, partners, staff



What We Do

- **Inspire VISITORS** at our museum on Pier 15 in San Francisco
- **Empower EDUCATORS** through PD workshops, online “snacks” and as a California statewide teacher resource center
- **Collaborate with PARTNERS** worldwide to share, learn and help fuel a movement toward creativity and civic engagement



science
snacks

The Exploratorium is a portal
to the astonishing scientific phenomena
that animate our world and shape our actions.
We create extraordinary learning experiences
that ignite curiosity, upend perceptions and
inspire brave leaps forward.



Why We Do It

To have impact in the world and to LEARN

It's an EXCHANGE

- We share knowledge, content and ideas as researchers, museum operators, teachers, learners, and developers.
- We gain knowledge by listening, brainstorming, researching, collaborating with partners, and engaging the local community.

Learning and impact begin with the project team. This forms essential DNA for a creative, sustainable culture to achieve long-term goals.



A.M. Qattan Foundation

- Partnership to provide professional development and general expertise to support a hands-on **Science Studio in Ramallah**
- Foundation had the **foresight to focus first on developing staff and local capacity** rather than physical exhibits or a building
- **Workshops in Ramallah and extended residencies** for exhibit developers at the Exploratorium in San Francisco
- **Science Studio** and new Cultural Foundation Center have **opened**
- **Horizons greatly broadened for all of us**



UCSF Benioff Children's Hospital

- 16 custom **exhibits and teacher professional development** for the new campus of a premier children's research hospital
- **Challenging new type of environment** for exhibit development with unique goals and critical constraints
- Worked in **close partnership with experienced hospital staff** to achieve excellent results based on feedback from patients, families and staff
- **Horizons broadened from workbench to bedside**



Street Smarts: Experiments in Urban Social Science

- NSF research grant to design **exhibit experiences that prompt observation and foster empathy for the social experience of others**
- Outdoor installation in front of San Francisco City Hall to serve **very diverse audiences**: homeless, city officials, library/museum visitors, etc.
- **Multiple city agencies**, neighborhood groups, and stakeholders
- Key finding: **facilitators with street “cred”** and sense of ownership
- Currently prototyping onsite for final installation next summer; definitely **broadening our horizons and reaching new audiences**



Let's discuss