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## Evaluation Experience

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January 1994-present. Inverness Research (Inverness, CA)

July 2008-August 2012. The Research Group (The Lawrence Hall of Science; Berkeley, CA)

Primary experience is in qualitative evaluations of informal science education resources for students and the general public. Skills and experience include:

- ~ Developing evaluation instruments and frameworks
- ~ Conducting in-depth telephone and in-person interviews and focus groups
- ~ Naturalistic observations of program participants
- ~ Participation in design charrettes and evaluation debriefings
- ~ Training of science museum staff in formative exhibit evaluation techniques and approaches
- ~ Writing of reports, memos, proposals, and presentations
- ~ Reviews of literature in the field of informal science education
- ~ Familiarity with Institutional Review Board procedures
- ~ Developmental and copy editing of reports
- ~ Project management: Communication with client staff and evaluation teams, tracking budgets and evaluation tasks, and coordinating travel
- ~ Presentations at professional association conferences
- ~ Extensive experience as a practitioner in the field of informal science education

Selected projects include:

- deYoung Art Museum (Fall 2014): Evaluator for *BeamPro*, a program being implemented at the deYoung Museum which allows people with mobility disabilities to visit the museum remotely.
- Salmon Ruins /Archeology Southwest (Spring 2014): Evaluator for the *Chaco's Legacy* project, a computer-based virtual tour of the Chaco Canyon and the Salmon and Aztec Pueblos in the centuries between A.D. 800 and 1150.
- Community Science Workshops (1994-2004, 2011-2013): Evaluator for a long-term initiative to open and support community-based, out-of-school science workshops for youth in under-served neighborhoods.
- Lawrence Hall of Science (2010-2012): Evaluator for *Check-out Science*, a community outreach project which distributes science kits and conducts science festivals at libraries in the San Francisco Bay region.
- Space Sciences Laboratory (2010-2012): Evaluator for *Surfin' the Solar Wind*, a youth education project which develops traveling and online activities about heliophysics for Bay area teens.
- Golden Gate Bridge Highway and Transportation District (2010-2012): Evaluator for an exhibition development project about the science and engineering behind the Golden Gate Bridge.
- Astronomical Society of the Pacific (2008-2012): Evaluator for *Sharing the Universe*, a project that seeks to increase the quantity and quality of education and public outreach efforts conducted by amateur astronomy clubs.

- Chabot Space & Science Center (2007-2010): Evaluator for the *Maya Skies* astronomy education project, which developed a planetarium show about the contributions of the Maya to science and astronomy, as well as built the capacity of the full dome planetarium community through extensive professional development efforts.
- Land Information Access Association (2006-2010): Evaluator for an informal science youth education program about watershed science, conservation and technology called *Listening to the River*.
- Traveling Exhibits At Museums of Science (TEAMS) Collaborative (1995-2008): Evaluator for a science center collaborative that built seven traveling exhibitions and related programming.
- Lawrence Hall of Science (2002-2007): Evaluator for an astronomy science exhibit called *Real Astronomy Experience*.
- Lawrence Hall of Science (2001-2005): Evaluator for a outdoor science exhibition called *Forces That Shape the Bay*, which shows the geological structure and formation of the San Francisco Bay.
- Chabot Space & Science Center (2003-2005): Evaluator for a science and cultural exhibition called *Dragon Skies*.
- Chabot Space & Science Center (2000-2003): Evaluator for a science exhibition called *Planetary Landscapes: Sculpting the Solar System*. Co-author of article published in Curator Journal: "A Case Study of *Planetary Landscapes: Shaping the Solar System*." Volume 48, Number 3, July 2005.
- Annenberg Media (2000-2005): Evaluator of video-based teacher professional development resources.

2007-2008: *Tomaes Bay Library Association*; Point Reyes Station, CA

- West Marin Literacy Initiative: Lead researcher on a study of literacy needs in West Marin County, California. Responsible for organizing research team, budget management, developing paper survey and interview instruments, implementation of surveys and interviews, data analysis, and work with advisory committee to develop a comprehensive literacy plan to serve residents of West Marin.

#### Other Related Experience

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- Local Systemic Change (LSC) Initiative: Training in classroom observation for a science and mathematics reform effort in California (Horizon Research, Spring 2000)
- Science and environmental issue educator in school and residential camp settings: Program development, implementation and evaluation
- Tutor in English as a Second Language for Spanish speakers in West Marin County, California
- Program manager for student exchange project for middle-school students between Marin County, California and Mexico

#### Formal Education

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1989. World College West: B.A. in International Environmental Studies; minor in writing. Participated in intensive World Study program in Mexico with an emphasis on environmental issues; Mexican culture, history and Spanish language studies. Strong Spanish skills, some use of Spanish in my evaluation practice.