



**THE
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NRC Workshop on Out-of-School STEM Learning: A National Summit

June 3-4, 2014

National Research Council Washington, DC

Dale McCreedy, Ph.D.

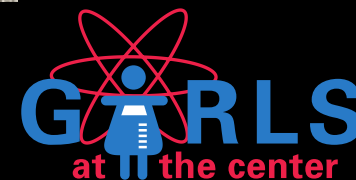
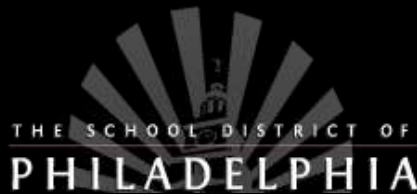
The Franklin Institute

***Director of Gender, Adult Learning & Community
Engagement***



Long, Effective, Impactful Track Record

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Looking Across Initiatives



- Commitment to broad implementation & sustainability
- Flexibility and fidelity balance
- Science as both means & end
- Rich, committed, messy collaborations

LEAP into Science



Science + Literacy Enrichment Afterschool Program



Partners since 2007



Expansion Network



27 diverse organizations

- Libraries
- Children's museums
- Science centers
- Afterschool Ntwks
- Universities
- Public Television



Studying use & adaptation of resources

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CASCADING INFLUENCES: Long-Term Impacts of Informal STEM Experiences for Girls



Dale McCreedy, Ph.D. & Lynn Dierking, Ph.D.

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What Works / What Doesn't

- Think from balcony and from weeds
 - Become one of 'them'; help them know 'you'
 - Recognize that you are a learner too
 - Clarity about Core Essence
- Inserting 'your' program into 'their' world
 - Promoting unrealistic structure/set of expectations
 - Expecting immediate ownership/integration
 - It can't be about you in long run