

# Practical Application of Systems to Conduct Evaluation: Cases and Examples

**2015  
Webinar  
Series**

## Co-Hosted By:



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**Feb 11,  
2015**

**11am CT**

**4.669...**  
Evaluation & Planning



# Cross Boundary Insights: Plans, Critical Incidents, and Outcomes

Or,  
Jonny's latest favorite way of applying some complexity ideas in  
evaluation

Speaker: Jonny Morell  
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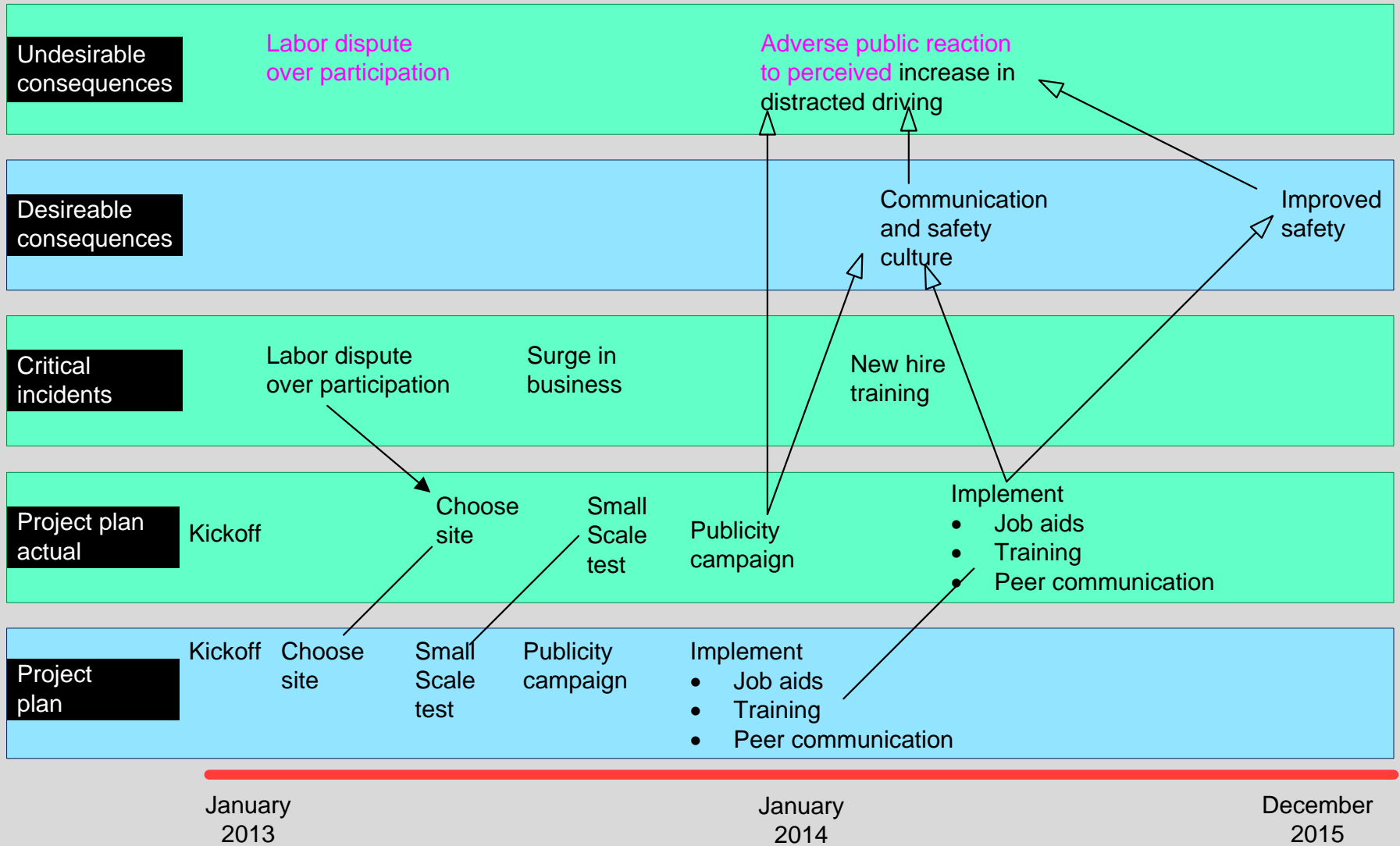


- Director of Evaluation, [Fulcrum Corporation](#)
- Editor-in-Chief, [Evaluation and Program Planning](#)
- Author, [\*Evaluation in the Face of Uncertainty: Anticipating Surprise and Responding to the Inevitable\*](#)
- Blog: [Surprises in Programs and their Evaluations](#)
- [www.jamorell.com](http://www.jamorell.com)

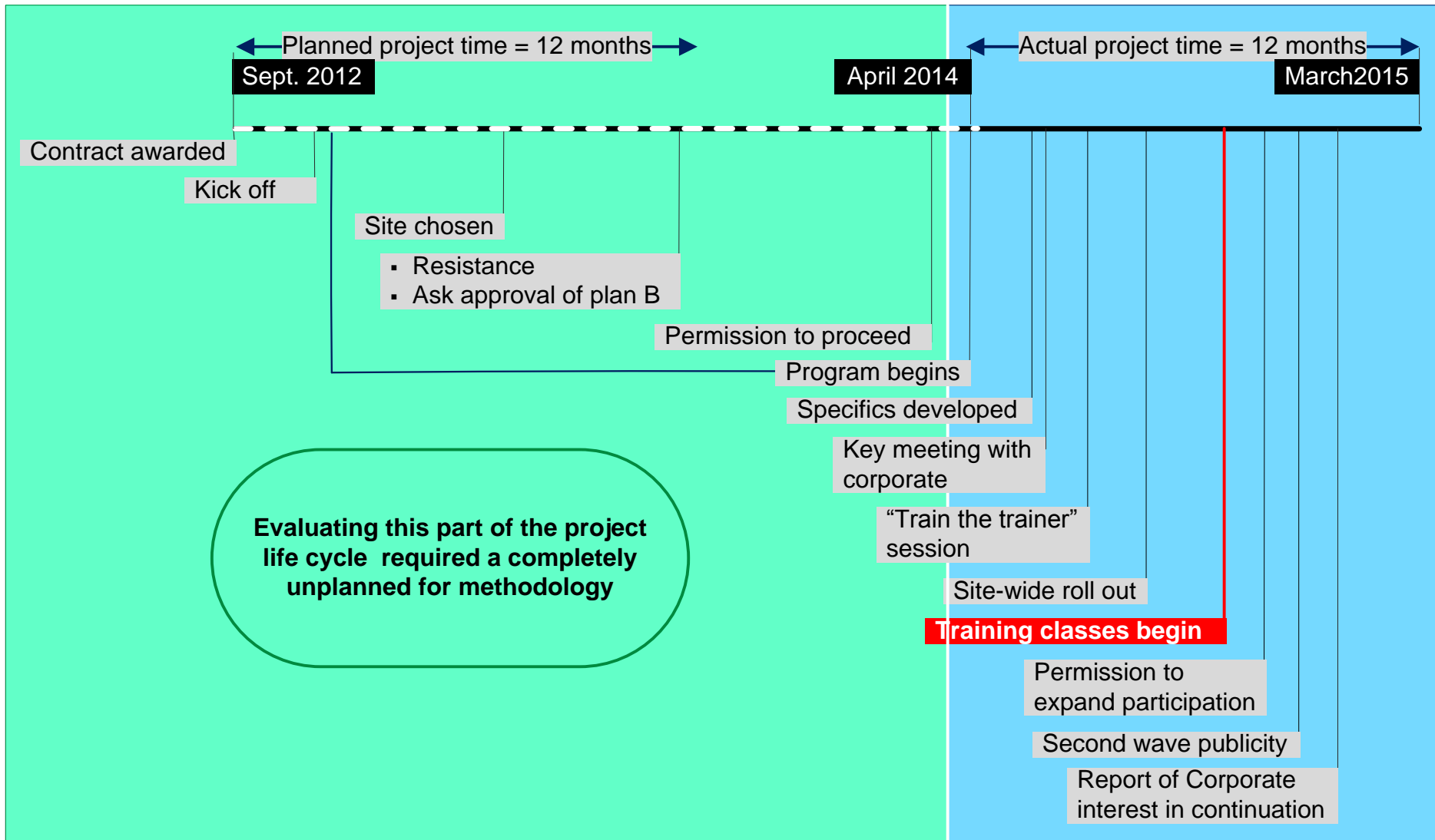
# Context

- Work in progress. I cannot provide details on who or where.
- Example is based on real work but elaborated for explanatory purposes.
- Program to minimize inappropriate use of electronic devices during transportation activities.
- What you see here started as a simple timeline exercise and evolved as I thought about it in terms of complex behavior.

# Identifying Uncertainty, Looking for Relationships



# Some Real, but Obscured Data



# Related Material

## Blog posts

- [Complexity is about stability and predictability](#)
- [How to evaluate complex health interventions?](#)
- [Matching management systems to system behavior](#)
- [Is it useful to think of “fidelity” in terms of “attractors?”](#)
- [A rolling conversation about the “Agreement x Certainty” space.](#)
- [Timelines, Critical Incidents and Systems: A Nice Way to Understand Programs](#)
- [Understanding sustainability – systems as a framework, thermodynamics as a metaphor](#)
- [Power Law Versus Symmetrical Distributions — Implications for Policy Recommendations](#)
- [Simple, Complicated, Complex and Chaotic VS. Complexity Science. Jonny finally resolved his confusion](#)
- [What is the relationship between path dependence and system stability? With explanation of why I care.](#)
- [Program Logic, Program Theory, and Unintended Consequences: Understanding Relationships. Implementing Action](#)
- [Using an evolutionary biology view to connect the intellectual development of evaluation and the development of the evaluation community](#)

## Writing

- [Integrating Evaluation and Agent-Based Modeling](#)
- [Evaluation in the Face of Uncertainty Anticipating Surprise and Responding to the Inevitable](#)
- [Emergent Consequences in a Model to Support Innovation Adoption, Planning, and Evaluation](#)

## Presentations on the Web

- [Integrating Agent-based modeling and traditional evaluation](#)
- [Strong evaluation designs for programs with unexpected consequences](#)
- Integrating Evaluation into Planning for Impact: Using Computer Simulation to Aid Program Implementation and Evaluation  
[part 1](#) [part 2](#) [part 3](#)