What is Leadership?

The ability to inspire people to take a specific direction or action when they truly have the freedom or choice to do otherwise.

Statistical leaders purposefully put themselves at the center of issues that are critical to their organizations. Using their knowledge of the organization, they motivate others to initiate change, develop solutions, and create value by acting on data and statistical reasoning.

“Moving to the middle”

JSM Leadership Workshop, 2014
**Types of Leaders**

- "Leadership that is based on occupying a position in an organization is **assigned leadership**... Yet the person assigned to a leadership position does not always become the real leader in a particular setting."
- **Emergent leadership** is acquired "through other people in the organization who support and accept that individual’s behavior... it emerges over a period through communication."

Lisa LaVange, FCSM 2014

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**If You Want to Have an Impact, Consider the BIG Picture, and LEAD**

- **Infrastructure for Comparative Effectiveness Research (CER)**
- Research on using CER findings in practice
- Polices to promote using CER
- Evidence-Based, Affordable Health care

Adapted from E. Rich presentation
Wait! I Went to Graduate School to Be a Statistician!

Correlation is not causation...
The world needs this explained

Why Lead?

- You can have a greater impact
- You will have more chance for advancement and related rewards
- If you don’t, someone else will
- BIG data needs BIG statisticians
- You’re already doing it, there are lots of opportunities, so...
  Do it effectively and be recognized for it
Skills Needed: You CAN Learn to Lead

Technical and Content

Communication

Skills

Acumen

Vision

Administrative Processes

Self Awareness

Personal Qualities

Early Career Faculty and Students In a Biostatistics Department

Leading Data-Driven Science in Public Health
Via Innovative Methodology, Interdisciplinary Collaboration, and Impactful Education

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Resources?  
Institutional Support?  
Group?  
Target?  
Incentives?
Resources

Thank You

Sally C. Morton
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Organizational Acumen

Insight about governance, environment, culture, processes, procedures and how decisions are made (CalState U – Fullerton).

The Observed Versus the Latent Organizational Chart:
Where Do YOU Actually Fit In?

Business Acumen

The ability to size up a situation, balance reason and the interest of others, and act in a decisive, timely and appropriate manner that is congruent with the organization’s values, goals and mission to achieve success (U of Washington).

The Big Picture
Where Does Your Agency Fit in With Respect to Policy and Competitors?
What is YOUR Value-Added?