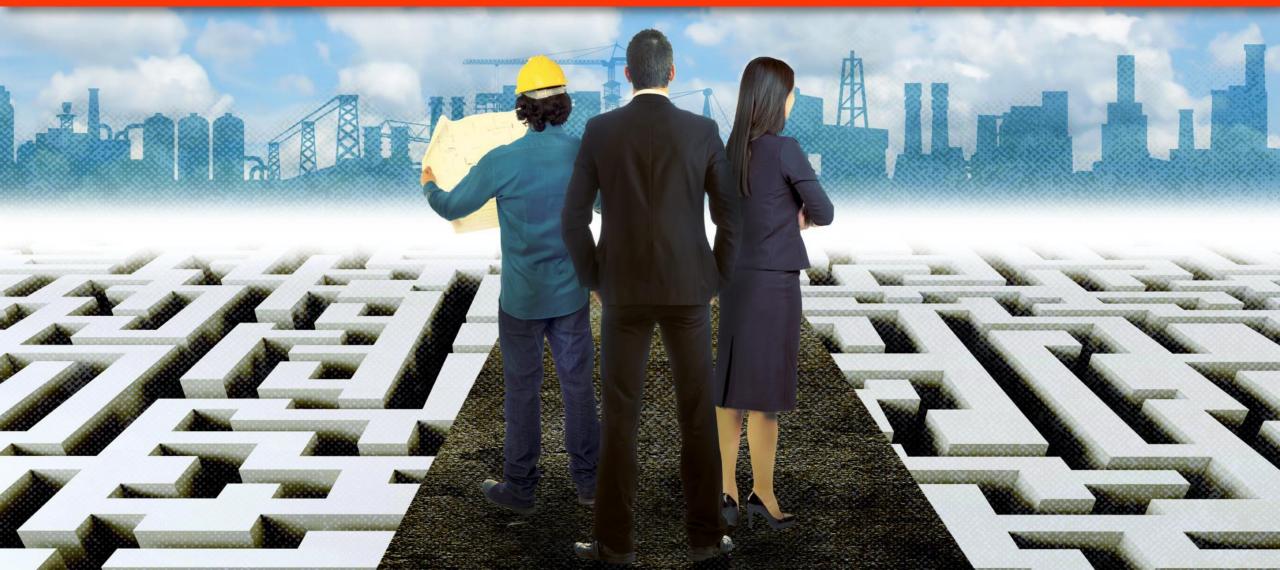
COMPLEXITY, AMBIGUITY 🗟 VOLATILITY

LEADING IN THE NEW NORMAL







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Plenary Session 1



Nelson Repenning MIT Sloan School of Management



47TH ANNUAL ECC CONFERENCE

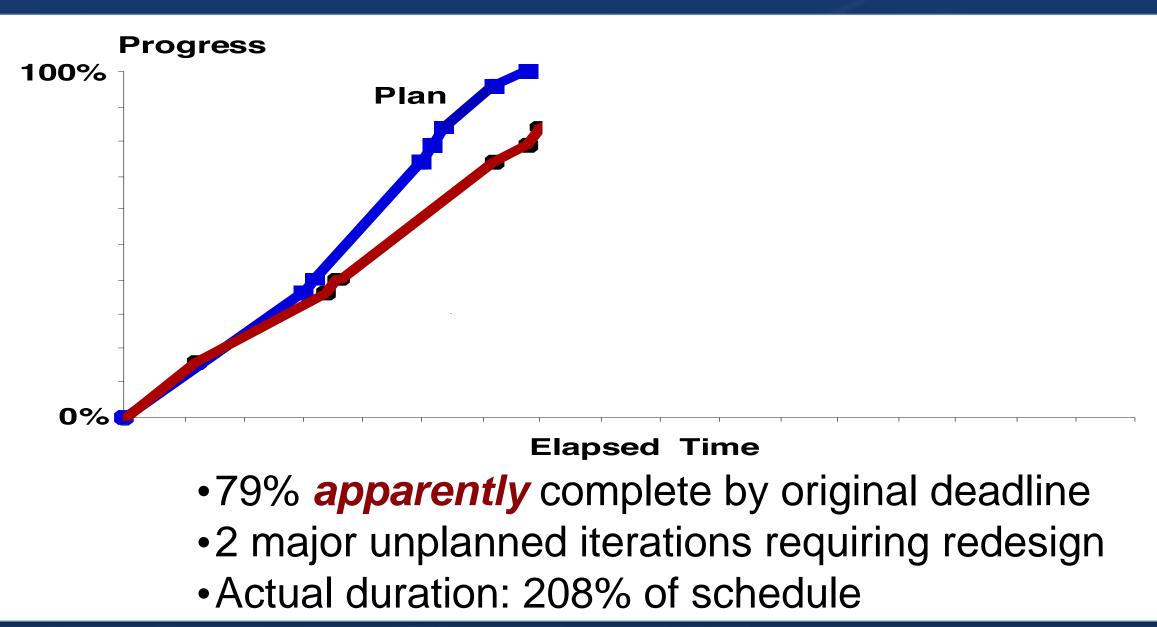
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Why Good People Make Big Mistakes: Understanding the Psychology of Rigor



Nelson P. Repenning School of Management Distinguished Professor MIT Sloan School of Management

Does this look familiar?



What kind of tree produces acorns?







What's Nelson's favorite beverage?



Coke

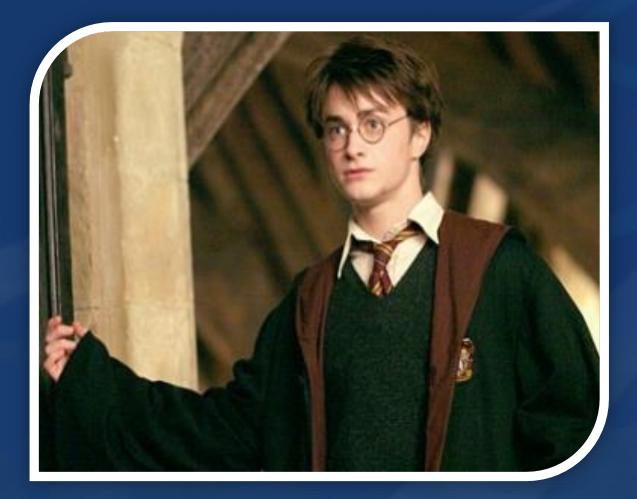
What do you call a funny story?







What's another word for a cape?



A Cloak

What does a fire produce?





What do you call the white part of an egg?



Understanding Errors: A Model of How Our Brains Work

Conscious Processing

- We have direct access
- selective and resource limited
- intermittently analytical
- computational powerful

Automatic Processing

unconscious

Requests

- fast, effortless and parallel
- works based on "pattern matching" and "frequency gambling"

"Chunks"

LEFT left right **RIGHT RIGHT** left left right

upper lower lower upper **UPPER** lower LOWER right

The cost of experience

- Attentional Checks
 - We stay in automatic mode and miss small anomalies or simply skip steps
 - "absent-mindedness is the penalty for skill"
- Selective Perception
 - We see what we believe (instead of the other way around)
- Incorrect Retrieval
 - We grab the wrong information from the red box

Attentional Checks

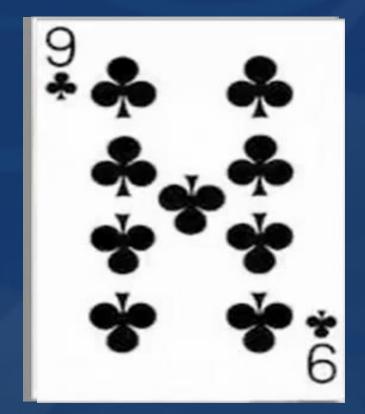
- Count the number of times the letter 'f' appears in the following sentence?
 - These functional fuses have been developed after years of scientific investigation of electric phenomena, combined with the fruits of long experience on the part of the two investigators that have come forward with them for our meeting today.

Past experience lowers performance!

Selective Perception

- Past experience strongly conditions what we see
- Images that don't match that experience slow processing dramatically

Identify the following playing cards



96% failed to correctly identify card

Incorrect Retrieval

• Answer the following question:

How many of each animal did Moses bring on the Ark?

The plot so far...

- Experience is a double-edged sword
- Experienced people are:
 - More efficient
 - Better at complex, novel tasks
- But, they also are more prone to:
 - Failing to make attentional checks
 - Selective perception
 - Incorrect retrieval

Your best people make the "dumbest" mistakes!

An Example of Improved Work Design

- Central Line Infections
 - ICU doctors put in about 4 million lines a year
 - About .5% of those become infected, 5% to 25% of those patients will die
 - Those who survive will spend an average of 10 extra days in the hospital
- Dr. Peter Pronovost works with team to redesign the work
 - Necessary supplies are put in a single cart (no searching)
 - Checklist of best practice is developed: 1) wash hands; 2) clean patient's skin; 3) sterile drape over patient; 4) wear appropriate PPE; and 5) sterile dressing over insertion site after insertion
 - Nurses instructed to voice when steps were skipped
 - Administrators to respond when system does not support checklist (e.g., no soap)
- In Michigan hospitals that used the technique:
 - Line infections fell by 66% in 3 months
 - Saved an estimated 1,500 lives and 175 million dollars

See Pronovost et al, NEJM, 26, 355:2725-273; Gwande, (2009). The Checklist Manifesto

Successful Process Improvement: Central Line Infection Reduction via Checklists





Central Line Procedural Checklist						
ndication: To document procedural practices in the CCU related to insertion technique for: CVP lines, dialysis access ports, and central lines (including PICC).						
	Type of catheter: □ Central Line Location: □ CVP Location:					
	Is this a NEW line:					
	Is the procedure: Elective Elective Energent Energent Elective Elective Energent Elective Elective Elective Elective Elective Elective Elective Elective E					
	Procedural Checklist					
	Safety Practice	YES	YES (After Reminder)			
	Before procedure, did the provider:					
> PE	RFORM PROCEDURAL PAUSE Perform patient ID X 2 Announce the procedure to be performed Mark / assess site					
	Position patient correctly for procedure Assemble equipment / verify supplies Utilize relevent douments (chart / forms) Order follow-up Radiology images (PRN)					
Cleanse hands? (ASK, if unsure)						
≻ Pr <u>*</u> 3	ep procedure site with ChloraPrep? 0 seconds for dry site 2 minutes for moist site (esp. femoral)					
	se large drape to cover patient in sterile fashion?					
	During procedure, did the provider:					
	ear sterile gloves during catheter insertion?					
	ear hat, mask, and sterile gown?					
	aintain sterile field? se ultrasound/Sonasite if apropriate?					
> Di (ł	d assisting physician follow the same precautions? nand washing, mask, gloves, gown)					
⊳ Di	d <u>all</u> staff and patient in the room wear a mask?					
After the procedure:						
	as sterile technique maintained when applying dressing?					
> Was dressing dated?						
ame of Intensivist:						
lame of F	ame of Procedure MD					
lame of A	ame of Assisting MD					
lame of F	ame of RN (auditor): Today's Date:					
	com: CCL Bed #					

PLEASE RETURN COMPLETED FORM TO: "BSI FORMS" LABELED ENVELOPE IN CCU-7 CONFERENCE ROOM

PATIENT Label

VIRGINIA MASON MEDICAL CENTER

Central Line Procedural Checklist





CREATE POLITICAL SPACE FOR US LEADERSHIP ON A TWO-STATE SOLUTION

PROBLEM STATEMENT



Identify the Root Causes

- 1. ME! I did minimal prep work. Inputs weak: mtgs unplanned, unintentional and haphazard; nothing sent out in advance...
- 2. I enabled others to shut down conversation / participation





- Staff are spread across
 11+ locations; insufficient A/V
 technology to close gap
- 4. 60-person meetings are tough to make participatory



AGENDA

September 9, 2014

...video hangout ...maestro numbers ...this week's survey

Total Responses: 45 ppl

Avg Response Time: 1m37s

AVG RESPONSE: 4.06

Survey Feedback: (from 9/2/14)

4.04 3.89

4.11 4.20

	item.	Purpose	Outcome	Process	Owner	Mi
1	Meeting Feedback	Continuous Improve- ment	Common understanding of how feedback is being incorporated	Review survey #s & key takeaways from comments	Steve	2
2	This Week in the Bigger Picture	Update, Input & Align	 a) Familiarity with top line senior staff discussions & decisions b) Understanding of how current events interplay with J Street strategy c) Qs addressed; wider insights inform tactical decisions 	 a) Senior staff mtg notes on p2 b) JBA offers 5 min analysis c) Steve facilitates; Qs cab be asked of anyone in mtg 	Steve	25
3	Clear Choices Update	Update	Staff know where we stand on respective Clear Choice campaign action items	See p2 checklist; Steve fields Q's; remaining Q's can be emailed	Steve	5
4	Event Spotlight: DC "What's Next"	Lessons Learned & Alignment	Staff have sense of various events around the organization by highlighting 1/week; focus on context, lessons learned & highlights	Kirzner shares context of "What's Next" programs, objectives, and highlights from DC	Kirzner	5
5	Leadership Training Summit	Alignment	Staff have a good understanding of the top line objectives and talking points re: LTS	Shaina reviews objs, top line numbers & reminders; fields Q&A	Shaina	4
6	This Week's Team Update: Political	Update	Staff have overview re: upcoming election; numbers overview: dollars, endorsees, win/loss projections, types of races; Shaheen as case study for response to attacks; mailer	Shared list of priority races; use Shaheen as case study; 5 min for Q&A	Kalik & Ben Shnider	10
10	Mazel Tovs	Celebrate Success	Staff know about the good events happening in each others' lives	Steve runs through list	Emily	2
11	3pm Survey	Feedback	100% participation, inform future meetings, to be shared, anonymous	Reminder: fill in survey by 3:00pm debrief	Steve	2
					Total:	55

Mazel Toys

Awesome

New

Agendas!!!

Jodie's 1st [Streetiversary (9/9/14)
 Logan's 1st [Streetiversary (9/9/14)

Dylan's 5th JStreetiverary - 9/14/14
 Sarah B's 5th JStreetiversary - 9/14/14

Step Up, Step Back # Frovide Context, Define Terms # Respond to Ideas, Not People # Be Concise Introduce Yourself # Be Present # Don't Be Camera Shy # Use "1" Statements # Assume Good Intentiona All Ideas Welcome #One Speaker, One Mit # Respect # Active Listening



Sur	vey Feedb	ack: (from 9/2/14)	
1.	4.04	Total Responses:	45 ppl
2.	3.89	Avg Response Time:	1m37s
3.	4.11	AVG RESPONSE:	4.06
4.	4.20	AVG RESPONSE:	4.00

AGENDA

September 9, 2014

...video hangout ...maestro numbers ...this week's survey

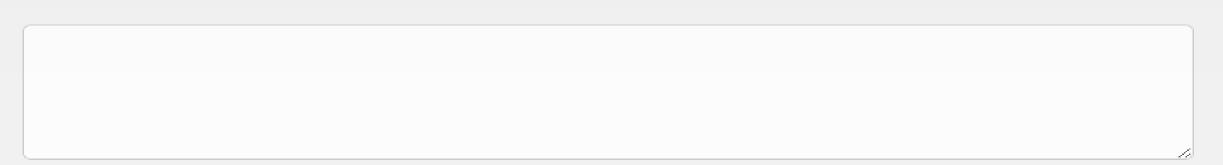
	Item	P urpose	<u>O</u> utcome	Process	Owner	Min
1	Meeting Feedback	Continuous	Common understanding of how feedback is being incorporated	Review survey #s & key takeaways from	Steve	2
	reeuback	Improve- ment	reeuback is being incorporated	comments		
2	This Week in the Bigger Picture	Update, Input & Align	 a) Familiarity with top line senior staff discussions & decisions b) Understanding of how current events interplay with J Street strategy c) Qs addressed; wider insights inform tactical decisions 	 a) Senior staff mtg notes on p2 b) JBA offers 5 min analysis c) Steve facilitates; Qs cab be asked of anyone in mtg 	Steve	25
10	Mazel Tovs	Celebrate	Staff know about the good events	Steve runs through list	Emily	2
11	3pm Survey	Success Feedback	happening in each others' lives 100% participation, inform future			2
			meetings, to be shared, anonymous	by 3:00pm debrief	Total	FF

J Street MARK

Please respond to the following four statements:

J Street MARK		ට ur stateme	fter ever	Sent ou Y meet	Songly Agree
	Strongly Disagree	Disagree	Neutral	Agree	Scongly Agree
1. The goals of the meeting were clear AND were achieved	0	0	0	0	0
2. It was useful for me to be at this meeting	0	\circ	\odot	\circ	\odot
 I had the materials I needed to make this meeting useful 	0	\circ	\odot	\bigcirc	\circ
4. Everyone respected the community agreements	0	0	\circ	0	\circ

Other comments or Suggestions:



Val	idate	& Sustain
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Target was to receive 4.00 / 5.00 or higher at every meeting.

We averaged 4.21!

Date	Target	Actual
09/02	4.00	4.06
09/09	4.00	4.06
09/16	4.00	4.00
09/23	4.00	4.17
09/30	4.00	4.26
10/07	4.00	3.92
10/21	4.00	4.35
10/28	4.00	4.23
11/04	4.00	4.32
11/18	4.00	4.26
11/24	4.00	4.30
12/02	4.00	4.34
	Avg:	Avg:
	4.00	4.21

Guidelines for Meetings

- Meetings have three basic purposes
 - Make decisions
 - Solve problems
 - Creating meaning

- If you are not doing one of these things, then why are you having the meeting?

Thank You!

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