

Harnessing the Power of Nudge in Research Translation: A Tool from Agile Innovation and Implementation Science

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Presenters



Malaz Boustani, MD, MPH Richard M. Fairbanks Professor of Aging Research School of Medicine, Indiana University





Richard Holden, PhD, MS Dean's Eminent Scholar, Professor, and Chair, Department of Health & Wellness Design School of Public Health-Bloomington Indiana University



Jenna Wozniak Program Manager Innovation and Practice Division Pulte Institute for Global Development University of Notre Dame



Why Nudge?

To change the behavior...







A group of individuals working on a project

Of yourself

A loved one



Why Nudge?



Useful to change behaviors, especially in the research translation process



Useful in "framing" your skillset when establishing a new partnership



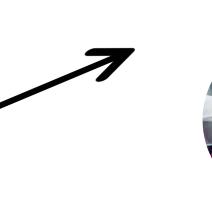
Useful in the research translation product phase as the "default" option of the research product of your project



Useful as a starter of a discussion with key stakeholders by sharing statistics or quantitative findings of your study

What is Behavioral Economics?





Environment



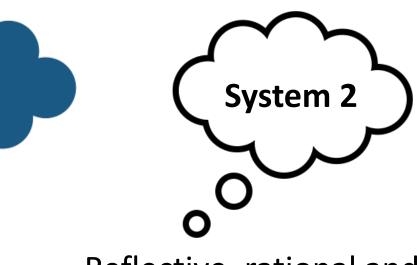
Context of a Situation



Brain Systems



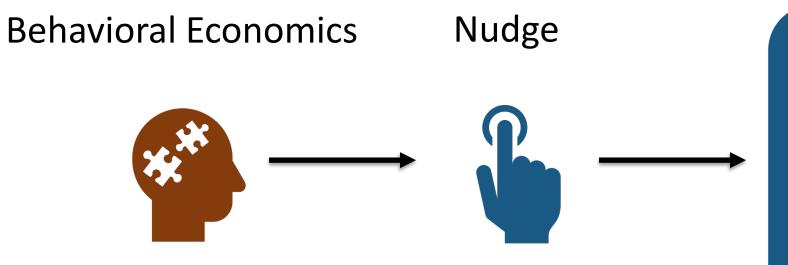
Quick, unconscious and intuitive decisions



Reflective, rational and conscious decisions



What is a Nudge?

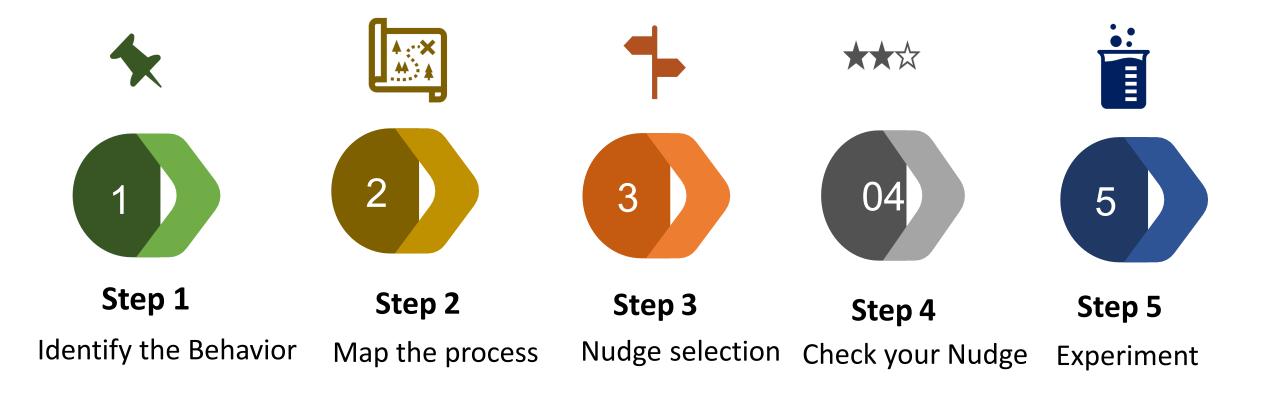


Any aspect of choice architecture that alters people's behavior in a predictable way without forbidding other options or influencing their decision with money or prizes





How to Nudge: Step-by-Step Process





Case Example: Municipal Waste Management in Vietnam

Bao, environmental engineer working in Vietnam

Bao works with community and local governments on improving waste management Local businesses are dumping waste near trash cans when they are full Behavioral change might altered through an effective nudge











Step 1: Identify the Behavior to Change and the Desired Target Behavior



Observe a group or individuals in action





Rely on data trends

Important to rely on observations of behavior



Step 1 In the Story of Bao...



Identified behavior to change: Local businesses to stop dumping excess trash near trash bins when the bin is full



Next, You Have Two Options as a Choice Designer

Once a behavior to change and a target behavior to adopt have been identified:



Review the literature or look to other resources for a nudge that has been tried and tested for a similar context and behavior



If you cannot find a nudge option that you believe to be suitable from your research, then you can innovate a nudge on your own



In the Story of Bao...



Reviews literature on the problem but does not find a nudge



his nudge



Bao must designs



Step 2: Map the Process Leading to the Problematic Behavior

Map the choice architecture or choice process



Identify the people contributing to problem behavior



Determine the target audience for the nudge





Step 2 in the Story of Bao...

Identify the people who affect problematic behavior Determine the target audience for the nudge

Bao identifies business that use personal trash collection









Step 3: Nudge Selection



Please go to the <u>bit.ly/Listofnudges</u> to see a more complete list

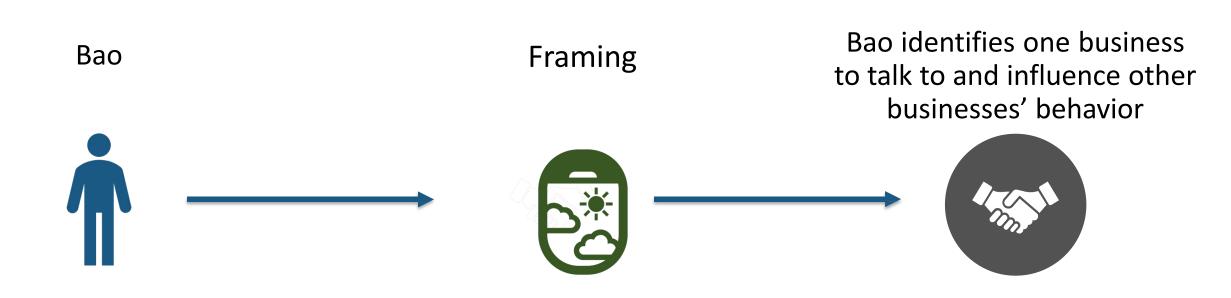
Most Common Nudges



As you select a nudge, remember the **EAST** acronym. Keep the nudge **E**asy, **A**ttractive, **S**ocial and **T**imely.



Step 3 in the Story of Bao...

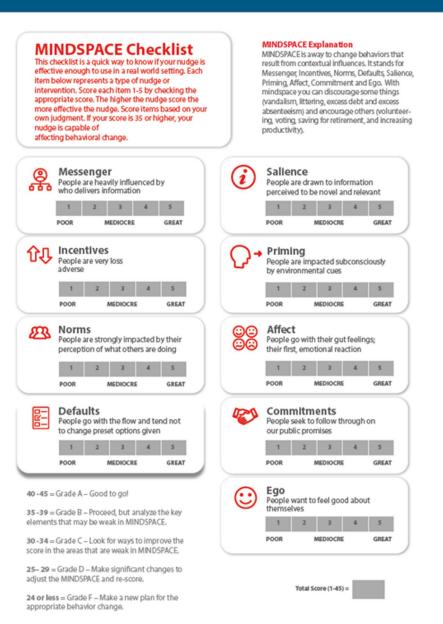


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Step 4: Check the Potential of Your Nudge

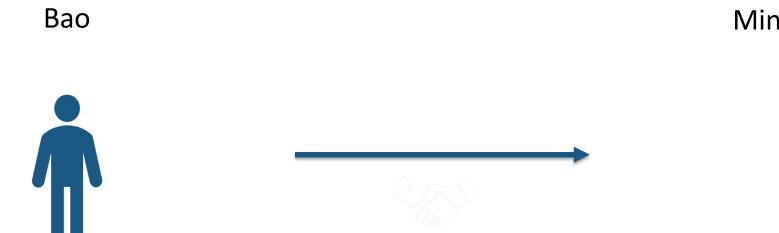
MINDSPACE Checklist:

- Quick way to know if your nudge is effective enough to use in a real world setting. Each item demonstrated in the next slides represents a type of nudge or intervention.
- Score each item based on your own judgment. Score each item from 1-5 by checking the appropriate score. The higher the nudge score, the more effective the nudge will likely be.
- If your score is 35 or higher, your nudge is capable of affecting behavioral change.





In the Story of Bao...



Uses the Mindspace Checklist





MINDSPACE Checklist: What Does Each Score Mean?

- 40-45 = Grade A Good to go!
- 35-39 = Grade B Proceed, but analyze the key elements that may be weak in MINDSPACE.
- 30-34 = Grade C Look for ways to improve the score in the areas that are weak in MINDSPACE.
- 25-29 = Grade D Make significant changes to adject MINDSPACE and re-score.

24 or less = Grade F - Make a new plan for the appropriate behavior change.

Bao adds the values that he assigned to each category and finds that his nudge gets a score of 35.



Step 5: Experiment Using the Selected Nudge

Now that the nudge has been selected, a user can experiment by running a nudge sprint.

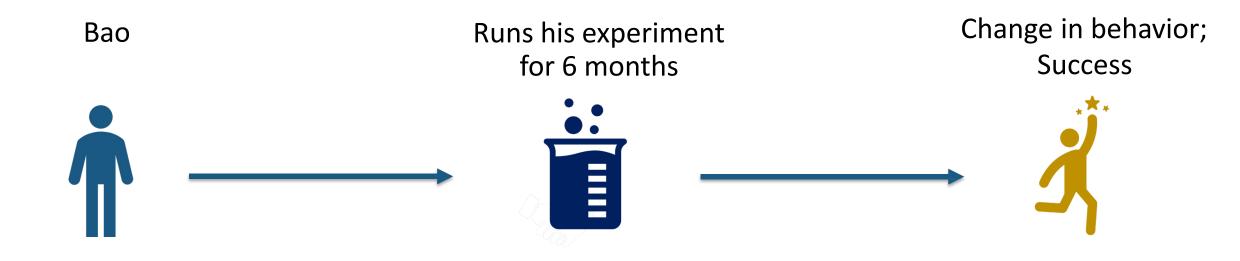




Part 5: Assess if nudge resulted in a desired behavior change



In the Story of Bao...



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Conclusion

- Identify the target behavior
- Map the choice process
- Map the people involved
- Identify the target audience for the nudge
- Select a nudge
- Test the nudge
- Assess the outcomes and repeat the process



Keep Practicing!

Learn More about the nudge process and practice using it in simulated case scenarios of the two part Nudge content on the LASER PULSE website.



