

Helping Healthy Habits Stick

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Every New Year, millions of people resolve to adopt healthier habits, and that will no doubt be fueled this year by the US government’s new dietary guidelines urging people to eat less sugar. Despite these good intentions, actually sticking to a new diet or exercise plan is hard to sustain. Estimates show that around 25% people forsake their New Year’s resolutions within the first week.

In a [special section](#) of *Perspectives on Psychological Science*, a group of prominent researchers underscores how behavioral science can provide actionable solutions to societal problems, like getting people to make long-term improvements to their health. The authors, led by University of Minnesota professor Alexander Rothman, outline evidence-based strategies that can help individuals and policymakers alike meet their goals for a healthier year ahead.

“The persistence of unhealthy habits undermines efforts to perform a new behavior, and even people who initiate a new pattern of behavior find it difficult to maintain it long enough to achieve the desired outcome,” the authors explain. “Intervention efforts, especially those that involve health messages, rest on the assumption that people will be motivated to modify their behavior if they understand the costs posed by their unhealthy habits.”

Yet, research repeatedly shows that people are reluctant to recognize personal risks and are overconfident about their own invulnerability to health problems. Further, people lack sufficient motivation to change their habits, they frequently fail to translate healthy intentions into action, their efforts are undermined by the persistence of prior unhealthy habits, and they have considerable difficulty maintaining new healthy patterns of behavior.

Psychological science demonstrates how even simple alterations to standard health promotion practices can dramatically increase their effectiveness.

For example, studies have shown that changing the framing of health behaviors to focus on their impact on others can be highly effective at changing behavior. One study found that altering the message “Hand hygiene prevents *you* from catching diseases” to “Hand hygiene prevents *patients* from catching diseases” increased rates of hand washing by 10% and soap use by 45%.

“Public service announcements might similarly encourage people to quit smoking for their spouses or get flu shots for their parents or children,” the authors advise.

Another tactic that can help people follow through with their intentions to improve their health is laying out simple if-then plans — “If (opportunity/obstacle) arises, then I will (respond in this way)!”

“Because if-then plans specify in advance when, where, and how to respond to critical situations, they enable people to seize opportunities that they might otherwise miss and manage obstacles that might otherwise be overwhelming,” writes Rothman and colleagues.

In one study, patients without an if-then plan followed their medication schedule 55% of the time; but when patients wrote just a single sentence outlining their plan, they took their medication correctly 79% of the time. Integrating these techniques into standard documents, such as appointment letters or prescription instructions, is an easy way to help people meet their goals for managing chronic illnesses.

Another approach backed by psychological science involves policies that make it harder for people to continue their unhealthy habits. Policies that encourage people to shift from automated, reflexive responses to more deliberate, effortful decisions have been successful in areas such as smoking prevention.

“For example, with the introduction of smoking bans in UK pubs, people with strong habits to smoke while drinking were no longer able to effortlessly light a cigarette when they felt the urge to smoke,” the researchers explain. “Similarly, with bans on the visible display of cigarettes in retail environments, potential purchasers have to remember to deliberately request cigarettes in order to buy them.

Repetition is key to getting new behaviors – like going to the gym – to stick. One way to encourage healthy habits is to piggyback new habits onto existing ones. For example, campaigns could link replacing smoke alarm batteries to when people change the clock for daylight savings or pair a new health practice (e.g., taking pills) with a daily habit (e.g., eating dinner), the researchers explain.

“Guided by advances in psychological science, we provide innovative, evidence-based policies that address each of these challenges and, if implemented, will enhance people’s ability to create and

maintain healthy behavioral practices,” the authors conclude.

Reference

Rothman, A. J., Gollwitzer, P. M., Grant, A. M., Neal, D. T., Sheeran, P., & Wood, W. (2015). Hale and Hearty Policies How Psychological Science Can Create and Maintain Healthy Habits. *Perspectives on Psychological Science*, *10*(6), 701-705. doi: 10.1177/1745691615598515