

Suggested Learning Codes: 4010, 6030, 7050, 7120, 7210; Level 2

### Learning Objectives

- 1. Recognize the potential impact of supermarkets on improving public health.
- 2. Discuss how supermarkets are designed to influence purchase decisions.
- 3. Help clients/shoppers utilize supermarkets to make good nutritional choices.
- 4. Utilize supermarkets as an ideal teaching and learning laboratory to inspire clients towards improved health (healthy purchases).

© 2014 Today's Dietitian

### **Disclosures**

The presenters report the following relevant disclosures:

### Barbara Ruhs, MS, RD, LDN

- Advisory Roles: Oldways Supermarket Dietitian Symposium
- Employment History: Bashas' Family of Stores
- Other: Contributing Editor to Environmental Nutrition magazine and Contributing Editor and writer for Progressive Grocer magazine

### Collin Payne, PhD

· Research Grants: Paso del Norte Health Foundation

© 2014 Today's Dietitian



Barbara Ruhs Barbara Ruhs, MS, RD, LDN is a Registered Dietitian and Licensed Dietitian/Nutritionist specializing in retail food & health marketing communications and brand strategy for food companies, commodity groups, public relations agencies and supermarkets. She is an entrepreneur, strategic-thinker, and a leader in the field of supermarket nutrition.

She recently re-launched Neighborhood Nutrition LLC, a consulting business offering nutrition counseling and retail-based health promotion solutions intended to help supermarket dietitians sell healthy products and effectively communicate nutrition and health messages to consumers.



Dr. Collin Payne PhD, Associate Professor of Marketing at New Mexico State University

Collin Payne, PhD has been an Associate Professor of Marketing at New Mexico State University since 2008. He earned his Ph.D. in Applied Social Psychology, with a minor in Business Management from Brigham Young University in 2005. As a Post-Doctoral Research Associate at Cornell University from 2005-2008, he conceptualized, conducted, and published consumer behavior research.

He currently studies how consumers' interaction with marketing environments can both help and hurt their health. These studies and others have resulted in over 72 published works that have been featured in media outlets such as The New York Times, The Los Angeles Times, USATODAY, Men's Health, Women's Health, Redbook, Shape Magazine, and The Today Show. He has collaborated with the Paso del Norte Health Foundation, USDA, Robert Wood Johnson Foundation, and large market research companies who all seek to change marketing environments to increase consumer health.

© 2014 Today's Dietitian

### **Supermarkets Selling Health to Shoppers**

- The powerful potential of supermarkets on public health
- Dietitians working in supermarkets
- Shopper Marketing powered to promote health: Strategies for Dietitians



© 2014 Today's Dietitian

### **Supermarkets: Architects of Choice**



"As architects of choice, supermarkets have a unique opportunity to help shoppers achieve better health goals. If we can find healthy ways to harness the power of the store environment, we'll go a long way toward showing parents how to make healthy choices."

-Sam Kass, White House Assistant Chef and Senior Policy Advisor for Healthy Food Initiatives



# The Power of Supermarkets Real Estate • Total US grocery stores in 2012 was 37,000 (FMI, Supermarket Facts: Industry Overview 2012) • 2.2 average visits to grocery store/week (FMI, US Grocery Shopper Trends: 2012 Executive Summary) • The # 1 reason people choose a supermarket is convenience and location (PRWeb, Market Force study, 2012) • Price and loyalty promotions influence shoppers (shopper marketing) \*Supermarket Dietitians" are now contributing to the "Power of Supermarkets" (Strom, New York Times, 2012)

# Price Price



### We Need A New Paradigm

Things I Learned in My Career as a Supermarket Dietitian:

- Marketing products as "healthy" doesn't work... may have a negative influence on purchases.
- Perceive "healthy" as tasteless and expensive.
- Food industry partners can be part of the solution...use the
- There's a new regime of "conscious capitalists" leaders driven by service and purpose.
  - John Mackey, Co-CEO of Whole Foods

  - Ric Jurgens, former CEO of Hy-Vee Steve Burd, former CEO of Safeway and founder of Coalition to Advance Healthcare Reform

© 2014 Today's Dietitian



### The Power of Retail: Shopper Marketing



- 70% of all purchase decisions are made in-store
- Shopper Analytics, Insight
- Nielsen, IRI, Spins, Spire, Catalina, Loyalty promotions

Dietitian Opportunity:

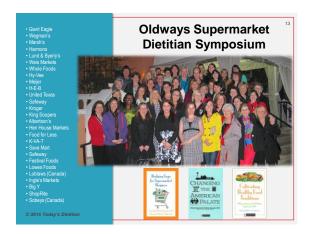
Mobilize the power of the food industry as partners and collaborate for win-win change.

© 2014 Today's Dietitian

### **Why Grocery Stores Matter:** A Public Health Perspective

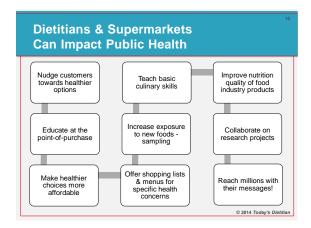
- "Grocery stores are uniquely positioned - in the sweet spot between manufacturers and consumers - to market nutritious products to increase the appeal and affordability, and perhaps de-emphasize those products that are not nutritious.'
- James Marks, MD, MPH, Sr. VP and Health Group Director, Robert Wood Johnson Foundation











### A Call to Action for Dietitians

### For All Dietitians

 Reconsider the role of the supermarkets and the food industry's role in impacting community health (Freeman, *The Atlantic*, 2013).

### For All RDs in Food Industry

 Seek to engage RDs in retail and community to guide product development, marketing and address ethical concerns.

### For All Supermarket RDs

 Measure and share results to have greater impact – enlist support of research institutions.



### Who Are We?

NMSU Consumer Behavior Lab (http://cobelab.nmsu.edu/)

- Multidisciplinary perspectives on consumer health
- Understand how marketing can help both business and consumer health



### Introduction

- Supermarket— all major obesity stakeholders & 60% of US food expenditures here
- · BUT relatively little health intervention research here

### Why? Two possible reasons:

- 1. Profitability→ Fresh F&V—high margin & perishable (also anti-
- 2. Existing research inconsistent effects (if any)  $\rightarrow$  Endow existing attempts with social meaning

(Payne and Niculescu, Agri Res Econ Rev., 2012)

© 2014 Today's Dietitian

### The Whole Presentation in 1 Slide

- I. Indirect and Direct Attempts to Increase Consumer Health
  - Indirect Attempts (government manufacturer retailer consumer)
  - Direct Attempts (retailer consumer)
- II. An Alternative: Social Meaning
- III. Three Different Interventions:
  - Half Cart
  - Placards
- Floor Stickers
- IV. Discussion

© 2014 Today's Dietitian

### **Increase Consumer Health** Example of Direct Attempt 1. Government → parent 2 Government — preduct — purent 3 Government — retuler — child — purent 4 Government — manufacturer — retuler — child — 5 Government — manufacturer — retuler — purent (WIC program) Example of Indirect 6. Manufacturer \_\_\_\_parent (Front of package Labeling) 7. Manufacturer — child — parent 8. Manufacturer — retailer — parent 9. Manufacturer — retailer — child — 10. Retailer → child 11. Retailer → parent

**Indirect & Direct Attempts to** 

12. Child → parent

© 2014 Today's Dietitian

Example of Direct (Nutritional Profiling)

# Indirect & Direct Attempts to Increase Consumer Health 1. Government — parent 2. Government — retuler — parent 3. Government — manufacturer — retuler — child — parent 4. Government — manufacturer — retuler — parent 5. Government — manufacturer — retuler — parent 7. Manufacturer — parent 8. Manufacturer — retuler — parent 9. Manufacturer — retuler — parent 10. Retuler — parent 11. Retuler — parent 12. Child — parent

### **Indirect Attempts to Increase Consumer Health**

### Crucial Events for FOP

- FDA and FTC worried public not getting nutritional information to make healthy choices. ↓
- Nutrition Labeling and Education ACT 1990 (1993)- "Nutrition Facts Panel (NFP)"

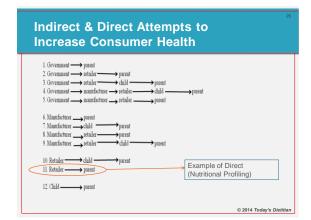
Nutrition Facts
Serving Ser is isos (409)
Serving ser isos (409)
Serving per Container 20
Serving Serving

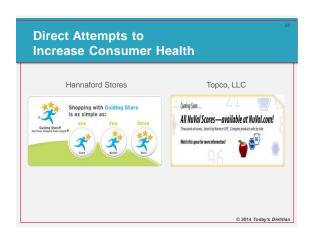
© 2014 Today's Dietitian

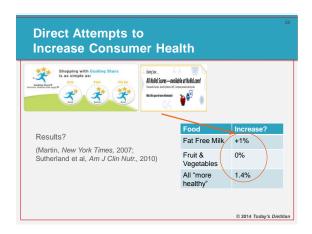
© 2014 Today's Dietitian

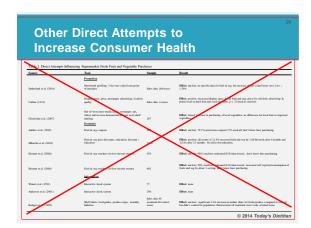
### Indirect Attempts to Increase Consumer Health Crucial Events for FOP 3. Commercial firms' natural response to NFP: • Engage in federally protected commercial speech • Within guidelines, emphasize food's relative health benefit downplaying nutritional detriments. Examples: Helps your health! Healthy family choice!

	t Attempts to se Consumer Health					
Crucial Eve	nts for FOP					
<ul> <li>Trade organization (grocery manufacturer association) FOPs (January 2011) "Facts Up Front"</li> </ul>						
Not as good as heuristic-based traffic light symbols						
(Roberto e	al, Am J Prev Med., 2012)					
450	PER SERVING  PER SERVING  AEO F 200 14 500 2					
CALORIES	45U 5, 360mg 14, 40U 5, 360mg 14, 500mg 3, CALORIES SAT FAT SODIUM SUGARS CALORIES SAT FAT SODIUM SUGARS PRIASSUM FIRER					
PER SERVING	SAID SAID SAID SAID SAID SAID SAID					
	© 2014 Today's Dietitian					











### How Do We Know What to Buy?

Can parents use nutrition facts panels, profiling, and "facts up front?"



### **Social Meaning**

- 1. Previous assumption= choose foods without reference to others
  - nutrition, price, or promotion (Just and Payne, Ann Behav Med., 2009)
  - Maybe for private behavior, but what about public behavior?
- 2. Social norm assumption= food decisions externally motivated
  - What is common, normal, or appropriate (Ariely and Levav, J Consum Res., 2000; Cialdini and Trost, 1998)
  - Social norm tools not yet used to increase purchase of fruits and vegetables
  - Tantalizing evidence= ordered larger if others showed preference (McFerran et al, J Consum Res., 2010)
- 3. Descriptive and prescriptive norms

© 2014 Today's Dietitian

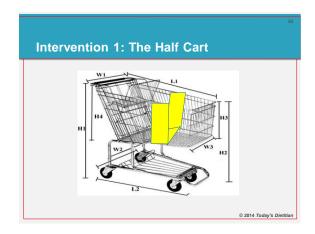
### **Grocery Stores Set Descriptive "Norms"**

Which would lead you to buy more?

 Limit 18/person
 No Limit/person

 4 for \$4.00
 1 for \$1.00

 Buy 15 for the weekend
 Buy some for the weekend



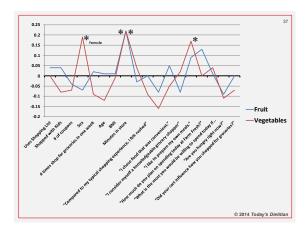
### Field Study (Modified Grocery Carts)

Large supermarket chain allowed us to:

- Recruit 143 customers as entered store (coupon for free coffee)
- Told them studying how people shop
- Randomly assign them 2 conditions: regular vs. modified cart
- Sign "produce in front" everything else in back
- · Questionnaire at end

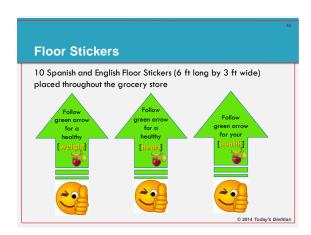
© 2014 Today's Dietitian

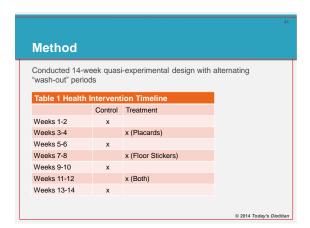
### Field Study (Modified Grocery Carts) **Results** (Total Purchase \$50.54 vs. \$63.21, p = .06) \$20.00 \$18.00 \$16.00 \$14.00 \$12.00 \$10.00 \$8.00 ■ Normal \$6.00 ■ Modified \$4.00 \$2.00 \$0.00 © 2014 Today's Dietitian



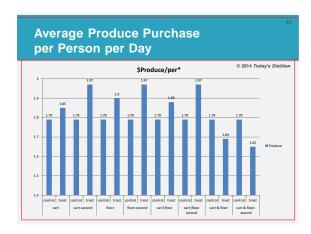


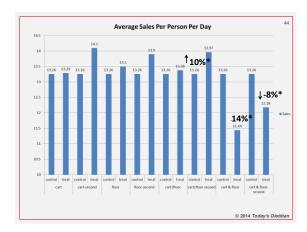












### 1. Preliminary data suggest interventions work (low cost/easy implementable) 2. Need laboratory data to isolate process 3. Need to examine why second weeks generally more powerful than first weeks 4. Difficult to get exact "norm information for each store" 5. Not a panacea: • we don't know for how long effects last or decay rate • we don't know if effects are store specific • looks like too many cues are bad

### Top 5 "Helps" for Customers

- 1. Use cash vs. credit/debit
- 2. Physically mark-off half cart for fruits and vegetables
- 3. Avoid using front-of-package health information as the sole reason for purchase
- 4. Create new "route habits"
- 5. Create a variety of shopping lists, rotate them, and stick to them!

© 2014 Today's Dietitian

# What's Next Lowe's was so excited that it now plans to put the placards in every cart at its 22 stores in EI Paso and nearby Las Cruces, N.M., and perhaps later at all 146 of its stores. Case F. Payor, a New March Date Usering registers, with Ein News, a customer of the sea of Einstein Branch and perhaps later at all 146 of its stores. Case F. Payor, a New March Date Usering registers, with Einstein Branch and Einstein



Credit Claimir	T a

You must complete a brief evaluation of the program in order to claim your credits and download your certificate. The evaluation will be available on <a href="https://www.CE.TodaysDietitian.com">www.CE.TodaysDietitian.com</a> for 3 months; you do not have to complete it today

### Credit Claiming Instructions:

- Go to www.CE.TodaysDietitian.com/Supermarkets OR Log in to www.CE.TodaysDietitian.com and go to My Account→ My Activities→ Courses (in Progress) and click on the webinar title.
- Click "Continue" on the webinar description page. Note: You must be logged-in to see the "Continue" button.
- 3. Select the Evaluation icon to complete and submit the evaluation.
- 4. Claim your credits, download and print your certificate.

Please Note: If you access the Evaluation between 3-4 pm ET on 2-19, you may experience a slow connection due to a high volume of users.