# Defining our audiences: Creating culturally relevant social marketing materials in English and Spanish for a folic acid campaign in North Carolina

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# Background

- o Folic acid is a B vitamin that can prevent up to 70% of neural tube defects (NTDs) if taken before pregnancy
- o "All women of childbearing age who are capable of becoming pregnant should consume 400 mcg of folic acid per day for the purpose of reducing their risk of having a pregnancy affected with spina bifida or other NTDs."

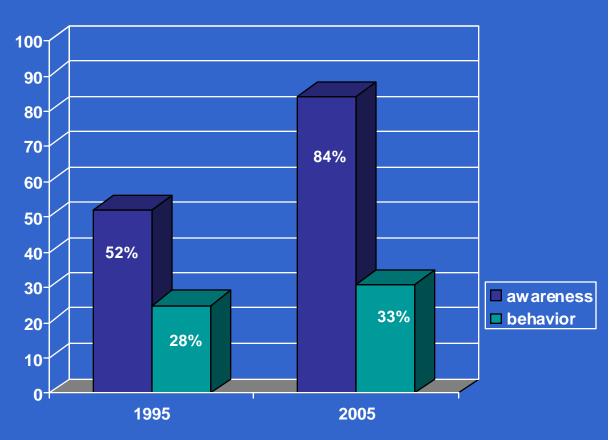
US Public Health Service, 1992 Institute of Medicine, 1998





# Background

- o Awareness has increased
- o Behavior has increased, but only 33% of women take folic acid daily



Heard or read about folic acid, take folic acid daily, U.S. March of Dimes Gallup Survey





# Background

- o North Carolina's NTD rate was twice the national rate in 1990's
- o North Carolina Folic Acid Campaign
  - o Health care provider education
  - o Community education (lay health model)
  - o Media
  - o Dedicated Latino campaign
  - o Use of social marketing





# Social marketing

- o "The use of commercial marketing techniques to promote the adoption of a behavior that will improve the health or well-being of the target audience or of society as a whole" weinreich, 1999
- Customer-centered: targets the audience's wants, needs, perceptions, attitudes and behaviors
- o Meets the audience "where they are"





# Social marketing

- o Broadened folic acid message to multivitamin message
- o Narrowed audience to two segments:
  - o 18-24 year old English-speaking women
  - o 18-35 year old Spanish-speaking women





#### **Methods**

- o Formative research with both target populations
  - o Focus groups
  - o Key informant interviews
- o Development of messages
- o Testing of messages
- o Modification of messages
- o Production of materials
  - o Taglines, brochures, flyers, posters, TV ads, radio ads, newspaper ads, provider ads
- o Evaluation of materials





# Results: Messages for English-speakers (18-24 y.o.)

- o Do NOT show pregnant women
- o Do NOT discuss folic acid or neural tube defects
- o Portray energy, vibrancy
- o Use images of young, healthy women
- Use messages about multivitamins and women's health in general
- o Use simple words
- o Use pictures and lots of color
- o Use concise, easy-to-understand information





# Results: Messages for Spanish-speakers

- o Define folic acid
- o Define birth defects
- o Define neural tube defects
- o Show cause and effect
- o Use images of men, women and families
- o Use simple words
- o Use pictures and lots of color
- o Use concise, easy-to-understand information





# Summary

- o Young English-speakers embrace messages about the health of individual women
- Spanish-speakers embrace messages about families, pregnancy, folic acid and neural tube defects
- o Both want clear, concise messages that are full of color





# Messages

#### o English tagline



#### o Spanish tagline

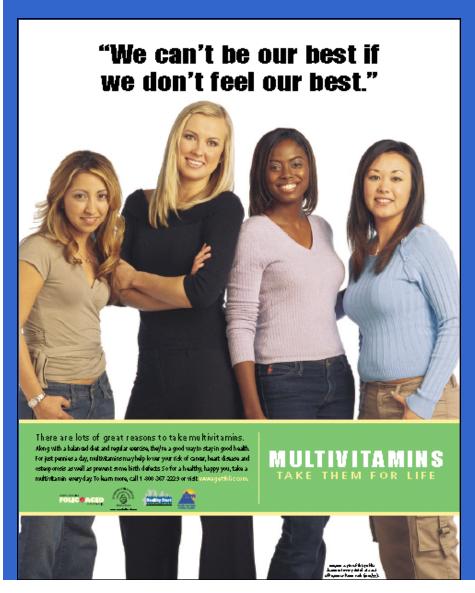
#### **MULTIVITAMINAS**

Tomar multivitaminas hoy es amar a tu bebé mañana





# English vs. Spanish materials





# English vs. Spanish materials

# **Take Control of Your Life. Take Care of Yourself.** There are lots of great reasons to take multivitamins. Along with a balanced diet and regular exercise, they're a good way to stay in good health. For just pennies a day, multivitamins may help lower your risk of cancer, heart disease and osteoporosis as well as prevent some birth defects. For a healthy, happy you, take a multivitamin every day. To learn more, call 1-800-367-2229 or visit



# English vs. Spanish materials

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# Summary

- o Traditional public health messages promoting folic acid encourage all women of childbearing age to take folic acid daily to help prevent neural tube defects
- o Message segmentation with social marketing refines that message for narrow audiences
- o Direct translation of folic acid messages into Spanish is not necessarily effective





#### For further information:

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