



## Marketing & Sales to Boomer+ Customers - Twelve Recent Brain Research Discoveries Having Relevance to Successful Communications

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By James J. Gilmartin

### Introduction

It's only in the last decade that most of the literature has been written on how the brain functions and how we process communications. Because consumer reactions to marketing communications will depend on the manner in which it's processed, an understanding of how the brain processes information can be very useful. Information processing refers to the process by which a stimulus is received, interpreted, stored in memory and later retrieved.

An appreciation of information-processing principles and findings can yield some important lessons for those interested in influencing consumer behavior. Although marketing communications is perhaps the greatest beneficiary of what we know about how people process information, these lessons can be applied to many other areas including personal selling, package design, branding, and training of salespeople.

What follows are recent findings of brain research having relevance to marketing and sales to Boomer+ customers. Author David B. Wolfe, a noted expert on *Developmental Relationship Marketing* contributed much to the findings discussed.

1) **There are material differences between males and females in the architecture and functioning of their brains.**

This often leads to different responses to the same experiences. Females generally make greater use of right brain functions in thinking processes, making them more subject to emotional arousal than males. However, research indicates that in later life, the gap between males and females in emotional sensitivity narrows. Males become more intuitive and depend more than they did earlier in life on emotional reads of a situation to determine if it warrants further attention.

- (1) **MARKETING IMPLICATION:** Logic in product messages generally works better with males than females. However, this doesn't mean qualitative differences in accuracy of perceptions because females generally make more

effective use of intuition, a right brain, emotionally based function. However, once a female experiences a favorable insight, she may become as rational in further processing of a matter as a male. It's just that her right brain is a more formidable gatekeeper to the left-brain than male brains generally are.

2) **Motivations do not originate in the conscious mind.**

The conscious mind is the executive officer that, like a corporate CEO, makes decisions on needs that have been framed at lower levels. Neurologist Richard Restak states in *The Brain Has a Mind of Its Own* "We have reason to doubt that full awareness of our motives may be possible." Adds brain researcher Bernard Baars in, *In the Theater of the Brain*, "Our inability to report intentions and expectations simply reflect the fact that they are not qualitatively conscious."

- (1) **MARKETING IMPLICATION:** Answers consumers give researchers about their motivations are often incomplete or off the mark simply because people can only speculate about their motivations at deepest levels of the psyche. Creators of product messages need to become more intimately familiar, than is typical, with the "hidden drivers" of consumers' behavior that consumers, about which they have little explicit knowledge. These drivers tend to be stage-of-life specific. For example, young people generally have stronger outer-directed motivations relating to social status than older people. Older people's motivations tend to be qualitatively more experiential and less materialistic than younger people's motivations.

3) **People use different brain sites and mental processes in answering researchers' hypothetical questions than they use in real life situations.**

Research respondents tend to draw more heavily on the objective sequential reasoning of the left-brain than on the subjective emotional right brain in answering researchers' questions. This bias is reversed in favor of the right brain in reacting to product messages and making buying decisions.

- (1) **MARKETING IMPLICATION:** Research results can be improved by techniques that are more effective in divining consumers' implicit testimonies that have not been distorted by undue influence from left-brain processing. The recent trend toward studying consumers in their natural living and shopping environments is justified by the finding that people process hypothetical information differently than they do real life information. Researchers need to make more use of indirect techniques to get behind the curtains of consciousness.

4) **Brain development is life long.**

How people mentally process information changes from one decade of life to the next. This alters how people view and connect with the external world (worldview). Language style preferences also change over time. For example, youth and young adults generally have a more assertive language style than older people.

- (1) **MARKETING IMPLICATION:** Product messages will be more effective when expressed in the stage-of-life language style of the core market a message to which a message is primarily addressed.

**5) Adolescent brains are significantly inferior to adult brains in reading facial expressions. The older people are, the more skilled they generally are at reading facial expressions.**

- (1) **MARKETING IMPLICATION:** Product messages depicting people should reflect awareness the core audience’s ability to read facial expressions. For instance, older people’s greater sensitivity to facial expressions means that facial expressions should bear authentic connection to the product and product message in older markets. Younger consumers will generally be more concerned with what people are doing than with what their faces are saying.

**6) As midlife (40+) approaches, people increasingly draw on right brain functions.**

They begin relying less on left-brain sequential reasoning and more on emotions – aka “gut feelings” or intuition.

- (1) **MARKETING IMPLICATION:** Product messages for people over 35 should have more affect (emotional toning) than product messages for younger people. Under 35, people tend to have a stronger reasoning bias, thus product messages generally should implicitly or explicitly promote concrete reasons for purchase.

**7) Information entering the brain’s cortex (outer layers) is first processed mostly in the right brain.**

The right brain processes information as sensory images rather than as words and numbers. The left-brain works in numbers and words.

- (1) **MARKETING IMPLICATION:** To arouse the strongest attention, product messages should be rich in sensory stimuli. Even though the right brain can’t process words, words can create sensory images, as every storyteller knows. The older a market, the more important it is to present a product in story form.

**8) Emotion, not reason, is the final arbiter in decision-making.**

Initial responses to information entering the brain are visceral. Changes in body states (e.g., pulse, hormonal flow, saliva flow, body temperature, etc.) generate emotions. When a matter fails to generate emotions, a person will not take action on it. (Brain patients who have lost their emotional abilities while retaining full powers of comprehension and reasoning cannot make advantageous decisions in which they have a personal stake in the outcome.)

- (1) **MARKETING IMPLICATION:** A cardinal rule for developing effective product messages is go with the grain of the brain or “Lead with the right; follow with the left.” The only way to get into a person’s conscious mind is via the right brain. Again, sensory images are key to getting into the right brain.

- 9) **Gender tends to predispose responses to voice-overs in broadcast advertising.**  
For example, male voices are seen as more knowledgeable when describing technical attributes of a product, while female voices are seen as more knowledgeable when describing a product with references to love, relationships and caring.

(1) **MARKETING IMPLICATION:** Choose the voice to match the content and delivery style of a product message.

**10) Pictures of people in motion arouse the brain more quickly than posed pictures.**

(1) **MARKETING IMPLICATION:** Avoid posed pictures like the plague. Motion conveys vitality. Posed pictures convey lifelessness. Posed pictures should be all but totally avoided in marketing to older adults, although marketers commonly use posed pictures for that market.

**11) Each experience we have prompts the brain to create clusters of neurons (brain cells) with predisposed responses to new but similar experiences.**

As the population of these dispositional clusters increases, a person becomes more habituated and reflexive in his or her responses. This decreases sensitivity to external influences, like advertising, making a person more autonomous.

(1) **MARKETING IMPLICATIONS:** Dispositional clusters are the marketer's equivalent of "hot buttons." The older we are, the more hot buttons we have. This is good news and bad news for marketers. First the bad news: It's harder to change people's patterns after the early adult years. Now, the good news: When a marketer hits a consumer's hot buttons, the deal is all but made. The challenge is learning what those hot buttons are. Fortunately, there is remarkable consistency in the general nature of hot buttons among people in the same season of life. Knowledge of the developmental attributes of consumers in a given season will guide a marketer in making contact with their hot buttons.

**12) Initial determination of information relevance occurs unconsciously.**

When a person sees an ad, the right brain initially determines if the ad has personal relevance. The sequential reasoning processes of the left-brain only go to work on the ad after it has reached consciousness. The right brain conducts a process called information triage to reduce information flow to levels the conscious mind, with limited working memory (RAM) can handle. The primary criterion is relevance to a person's interests.

(1) **MARKETING IMPLICATION:** Imagine having a conversation in your office or at a social gathering when you hear your name come up in another conversation not far from you. Your brain was hearing the other conversation all along, but only when your name was mentioned did it see fit to alert your conscious mind to the other conversation. That's what information triage is about. Creating product messages that survive information triage is the biggest challenge in marketing. It has become fashionable to complain about advertising clutter. However, the clutter problem is in the brain, not on a television screen or in a magazine. When a

message has relevance to a person's interest, the right brain will take note. When we talk about having a "double take," we acknowledge the right brain's ability to pick up in a nanosecond something that has relevance to our interests.

### **Don't Muddle the Message**

Marketing and sales professionals often pay little attention to how the consumer thinks and processes information. Research has shown that the right hemisphere of the brain processes emotional information and the left processes logical information such as product demonstrations. This knowledge can help to avoid blunders that might turn interest into disinterest.

Communications that evoke emotional responses typically produce a high level of processing activity in the right hemisphere. Unfortunately, many communications that draw the viewer, listener or reader into an emotional scene, abruptly or quickly cut to product information. Deep inside the brain, this action causes trouble. The right hemisphere is still highly active making it difficult for the brain to process words (the brain only processes images). In short, the timing can muddle the message.

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*Biographical note:* Jim Gilmartin is president of Lombard, IL based *Coming of Age, Incorporated*. Established in 1991, the full service integrated marketing communications firm specializes in helping clients to increase market share and profit in Boomer+ customer markets. The firm provides clients' marketing communications, full advertising agency services, public & media relations' services, and sales communications planning and execution. The firm also provides clients sales and service improvement training and turnkey Customer Loyalty/Affinity Clubs.

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