# De con struct ing

Sexual

**Desire** and

Arousal

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Central problem of sexual reproduction:

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Finding a mate

without Tinder®



## Sexual reproduction requires

a neural drive for sexual opportunity to generate the goal-directed behavior.

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a neural drive for sexual opportunity to generate the goal-directed behavior and prepare the body through sexual arousal.





## Externalization of an internal state

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Therefore there are 2 biological units of sexual desire:

**Approach** 

**Avoidance** 

## Sexual reproduction requires

a neural drive for sexual opportunity to generate the goal-directed behavior.

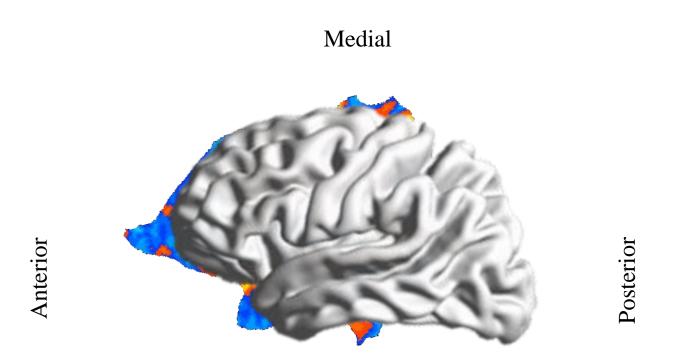
- Pelvic vasocongestion
- Vaginal lubrication
- Labia minora darken
- Clitoral tumescence
- Vulva lengthens and widens
- Areolae harden & nipples become erect
- Breast tumescence

# What elicits sexual approach?

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# **Sensory acuity**

# Beginning at Neutral (Resting State)



Lateral



## What elicits sexual approach?

# Salience (novelty)

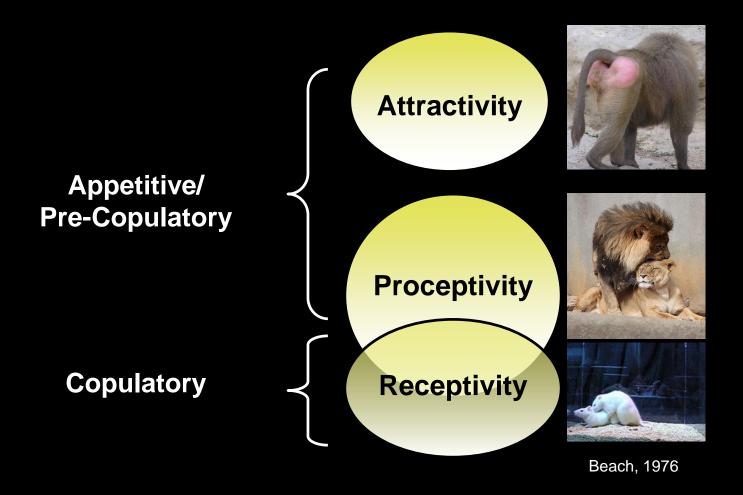


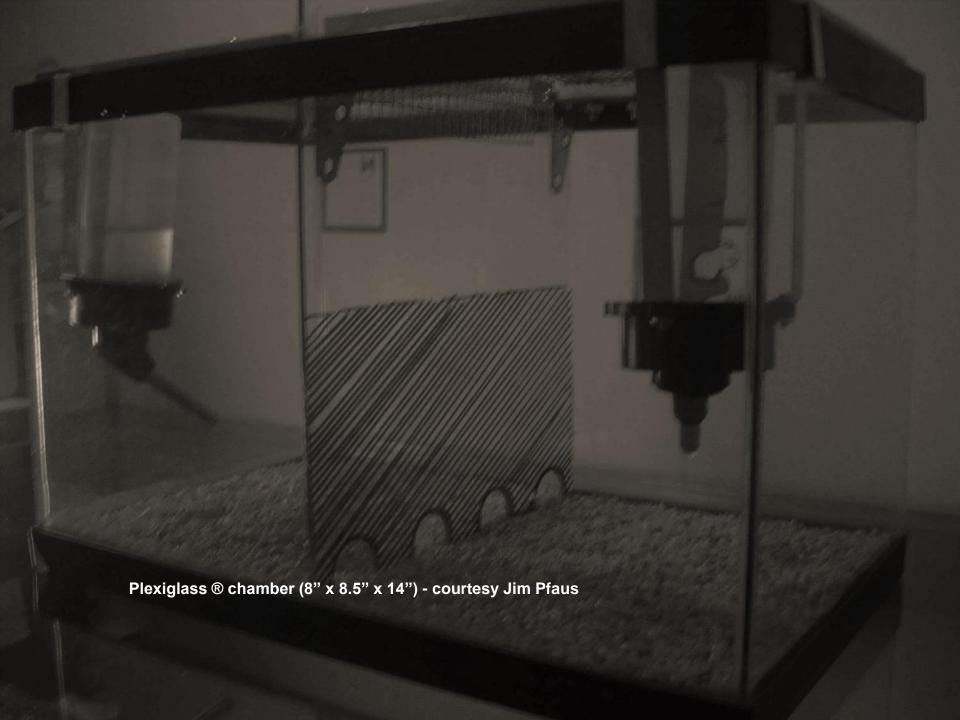






### Sexually Motivated Behavior in Mammals











"First-pass" desire (wanting) versus learned desire (liking)

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- "Responsive" versus spontaneous

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- "Responsive" versus receptive
- "Responsive" versus spontaneous
- Intact perceptual/sensory systems

#### Subjective perception of sensory Hot Spots requires:

- the nuanced awareness of physical stimulation
- its positive appraisal
- awareness of how one's body reacts
   (warmth, aching, "getting wet," "getting hard," etc)



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of sensation
enhances
excitatory factors

**Approach** 

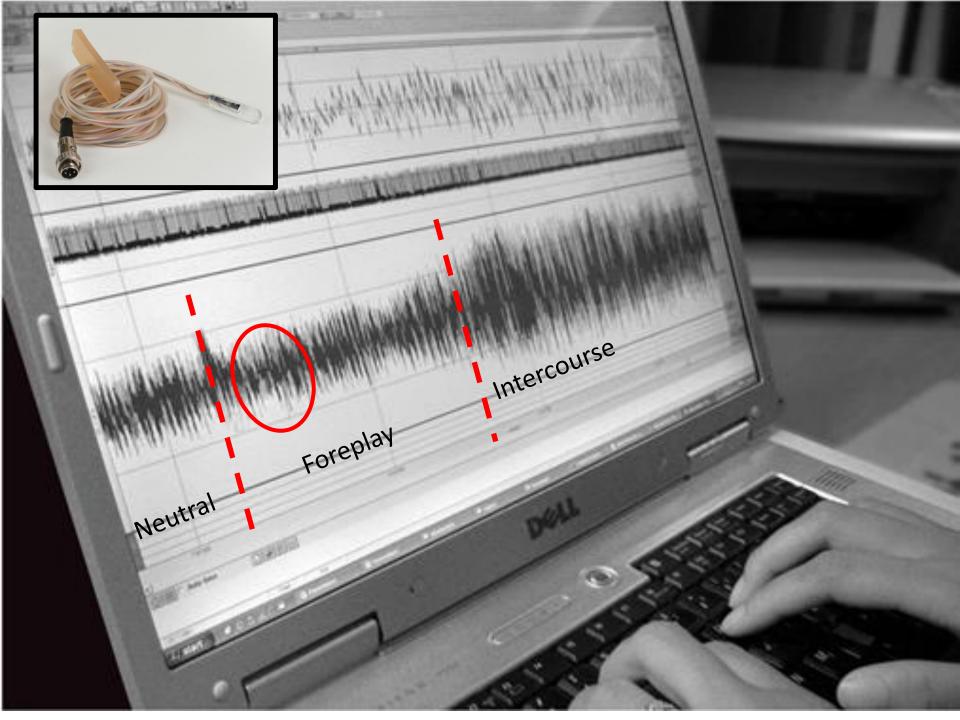


Lack of awareness (or abnormal sensation) facilitates inhibitory factors

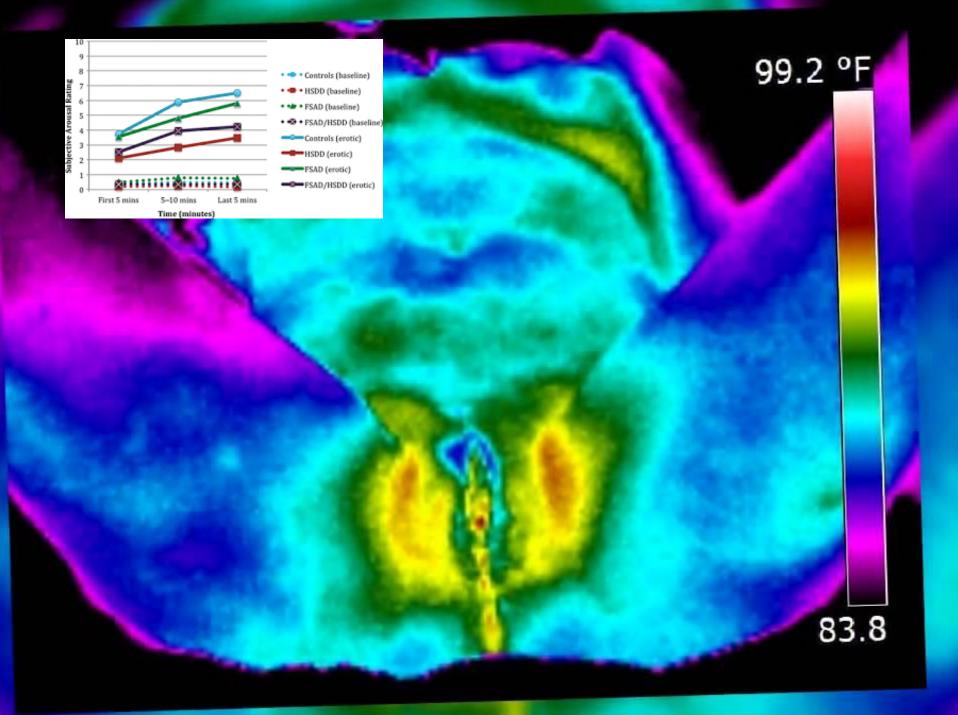
**Avoidance** 

- "First-pass" desire (wanting) versus learned desire (liking)
- "Responsive" versus receptive
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- Intact perceptual/sensory systems
- Adequacy of the stimulus

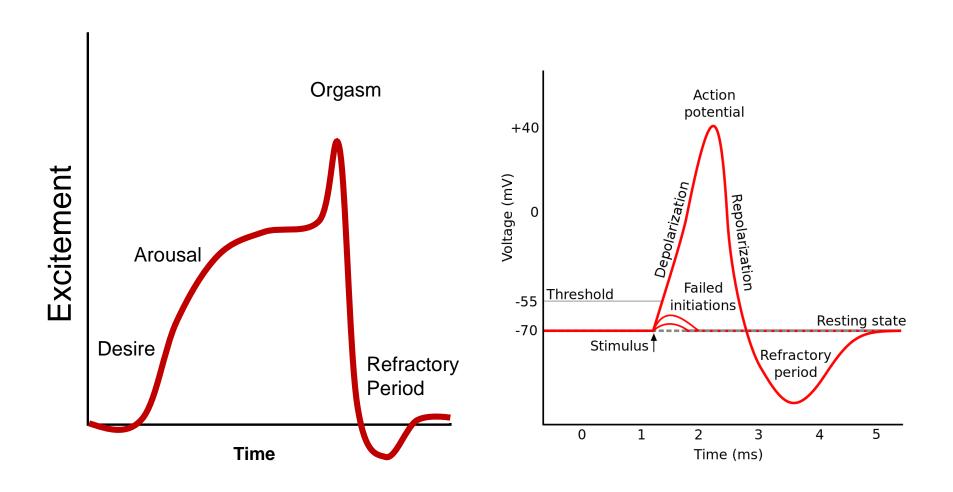
- "First-pass" desire (wanting) versus learned desire (liking)
- "Responsive" versus receptive
- "Responsive" versus spontaneous
- Intact perceptual/sensory systems
- Adequacy of the stimulus
- Linear correlations between a stimulus and response







### Masters and Johnson Model of Sexual Response



## Nonspecific proxies of sexual desire/arousal

overlaps with

Sexual Arousal

**Positive Emotion** 

## Parting Thoughts....

- Do our answers match our questions?
- Are we measuring what we believe we are measuring?

My perspective: NO and NO