

Conclusion

Fall 2005

In which the mysteries of consciousness are explained...
or further mystified.



Course Evaluation Forms

Please pick up a set of forms
before taking your seat

- One for lectures
- One for discussion

You may use either pen or pencil

Final Examination

- Monday, May 16, 2005
 - 12:30 - 3:30 PM
 - 100 GPB (near Pat Brown's Grille)
 - DSP Students -- Usual Arrangements
- 2-Hour Exam (across 3 hours)
 - 1st hour, noncumulative
 - 2nd hour, cumulative
- Review
 - Wednesday, May 11, 10:00 - 12:00 Noon
 - 159 Mulford

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Final Examination

Closed Book, Closed Notes, in Pen

Noncumulative
50 Points

Cumulative
50 Points

- | | |
|---|---------------------------------|
| • Sleep and Dreams | • Mind-Body Problem(s) |
| • Hysteria, Hypnosis | • Introspection |
| • Absorption, Daydreaming, and Meditation | • Attention, Automaticity |
| • Consciousness and Self | • Explicit-Implicit Distinction |
| • Origins of Consciousness | • Anesthesia, Coma |
| | • Lodge's <i>Thinks...</i> |

Same Format As the Midterm:
Short-Answer
Some Degree of Choice

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Review Session

- Wednesday, May 11
 - 10:00 - 12:00 Noon
 - 159 Mulford
- Review Illustrations will be posted to the course Website
- Queries to course Bulletin Board
 - Deadline: Friday, May 13
 - 5:00 PM
 - Queries will be addressed by noon Sunday

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Mind States IV

May 27-29, 2005

Palace of Fine Arts, San Francisco



- Selected Presenters

- Susan Blackmore

- Paul Bach-Y-Rita

- Lots of Psychedelia

- Lots of Video Games

\$250 by May 15

\$300 at the Door

- See Jeff Downs

www.mindstates.org

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Rene Descartes (1596-1650)

“Cogito, ergo sum”

“Sum res cogitans”

“Thinking”
includes all
conscious internal
mental states



William James (1842-1910)



“Psychology
is the science of mental life...
The first fact for us, then,
as psychologists,
is that thinking of some sort goes on”
Principles of Psychology (1890)

“Psychology
is the description and explanation
of states of consciousness as such”
Psychology: Briefer Course (1892)

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Avoidance of Consciousness

Flanagan (1992)



- Positivistic Reserve
 - Science deals with observable things
- Piecemeal Approach
 - Work from bottom up
- Conscious Inessentialism
 - Not necessary for even complex behavior
- Epiphenomenalist Suspicion
 - Consciousness plays no role in behavior

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Resurgence of Consciousness

- Cognitive Revolution
 - Attention
 - Short-Term Memory
- “Rediscovery” of the Unconscious
 - Automaticity
 - Neuropsychology
 - Explicit-Implicit Distinction
- “Theory of Mind”
 - In Nonhuman Animals
 - In Infants and Children

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Scientific Problems of Consciousness

- The Mind-Body Problem(s)
 - Neural Correlates of Consciousness
 - Causal Efficacy of Mental States
- The Unconscious Mind
 - Explicit-Implicit Distinctions
 - Validity of Introspection
- Knowledge of Other Minds
 - Animal Awareness
 - Machine Consciousness
 - Social Cognition and the Theory of Mind

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How to Solve the Mind-Body Problem: 1

- Define Consciousness
 - Not complex behavior
 - Not information-processing
 - Phenomenal Awareness
 - Wakefulness
 - Attention
 - Phenomenal Awareness
 - Qualia
 - Intentionality
 - Self-Reference

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How to Solve the Mind-Body Problem: 2

- Get a Comparison Condition
 - Wakefulness
 - vs. Sleep, Anesthesia, Coma
 - Attention
 - vs. Pre-Attentive, Automatic Processing
 - Phenomenal Awareness
 - Qualia
 - Faculty, Modality, Quality
 - Intentionality
 - Propositional Attitudes
 - Self-Reference
 - 1st- vs. 3rd-Person Descriptions

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How to Solve the Mind-Body Problem: 2b

- The Explicit-Implicit Distinction
 - In Cognition
 - Memory
 - Perception
 - Learning
 - Thought
 - Beyond Cognition
 - Emotion
 - Motivation

What is the difference
that makes for consciousness?

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How to Solve the Mind-Body Problem: 3

Don't forget the *other* mind-body problem:

How does the mind affect the body?

- "Free will" vs. determinism
 - The Automaticity Juggernaut
- "Psychosomatic" Interactions
 - Placebo Effects
 - Suggestion Effects

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How to Solve the Mind-Body Problem: 3b

- The Explicit-Implicit Distinction

- In Cognition

- Memory
- Perception
- Learning
- Thought

- Beyond Cognition

- Emotion
- Motivation

What is the difference
that consciousness makes?

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In the Meantime...

- The "Piecemeal Approach" has its virtues
- There's lots of fun stuff to study
 - Anesthesia
 - Coma
 - Sleep, Dreams, Parasomnias
 - "Hysteria", Hypnosis
 - Absorption, Flow, Daydreaming
 - Meditation
 - "Theory of Mind" in Children, Animals
 - Psychoactive Drugs

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