

# PARAPSYCHOLOGICAL INVESTIGATIONS

# TOPICS FOR DISCUSSION

- HISTORICAL BACKGROUND
- RESEARCH ACTIVITY
- USSR/PRC ACTIVITIES
- APPLICATION POTENTIAL

## HISTORICAL SEMI-EXPERIMENTAL/CASE STUDIES

- LATE 1700'S -- MESMERISM
- LATE 1800'S -- HYPNOTISM
- 1882 -- SOCIETY FOR  
PSYCHIC<sup>OL</sup> RESEARCH (SPR) LONDON
- EARLY 1900'S -- MENTAL SUGGESTIONS/BEKHTER<sup>E</sup>  
INST. FOR BRAIN RESEARCH, USSR ✓

**HISTORICAL**  
**SEMI-EXPERIMENTAL/CASE STUDIES**

- LATE 1700'S -- MESMERISM
- LATE 1800'S -- HYPNOTISM
- 1882 -- PSYCHIC RESEARCH/SPR; LONDON
- EARLY 1900'S -- MENTAL SUGGESTIONS/BEKHTERV  
INST. FOR BRAIN RESEARCH, USSR

## HISTORICAL

- 1917 -- STANFORD UNIV, CA
- 1930-1960 -- DUKE UNIV, DURHAM NC
- 1960-PRESENT -- FRNM, DURHAM, NC
- 1960-PRESENT -- MIND SCIENCE FOUNDATION,  
SAN ANTONIO, TX
- 1970-1980 -- MAIMONIDES MEDICAL CENTER, NY
- 1970-1980 -- SRI INTER, MENLO PARK, CA
- 1980-1990 -- PSYCHOPHYSICAL RESEARCH LAB,  
PRINCETON, NJ
- 1980-PRESENT -- ANOMALIES RESEARCH LAB,  
PRINCETON UNIV, NJ
- OTHERS:
  - SEVERAL UNIVERSITY RESEARCHERS
  - PRIVATE FOUNDATIONS

# TYPES OF INVESTIGATIONS

- DUKE UNIVERSITY

- FORCED CHOICE
- CASE STUDIES

- FRNM

- FORCED CHOICE
- GANZFELD/RV
- REG

- MSF

- RV
- REG
- BIO-PK

- MAIMONIDES

- DREAM TELEPATHY
- GANZFELD

- PRL

- GANZFELD
- REG

- PRINCETON U.

- RV
- REG

- SRI

- RV (RESEARCH & APPLIED)
- REG
- THEORETICAL

# PHENOMENA OCCURRENCE SITUATIONS

- Waking State
  - Intuitions
  - Synchronicity
  
- Altered/Dissociated State
  - Day dreams
  - Ganzfeld
  - Dreams
  - Hypnosis
  - Trance

# METHODS OF ANALYSIS

- LIMITED CHOICE
  - STANDARD STATISTICS
  
- FREE RESPONSE
  - STATISTICAL/SUBJECTIVE
    - DIRECT MATCHING
    - RANK ORDERING
    - DESCRIPTOR LIST
    - CONCEPT ANALYSIS
    - FUZZY SET ANALYSIS
      - ACCURACY
      - RELIABILITY
      - FIGURE OF MERIT
    - OTHER
      - SUBJECTIVE SCALES

# BASIC PROTOCOL

- **DOUBLE BLIND**
- **AUTOMATED DATA RECORDS**
- **DETAILS DOCUMENTED**

# TARGETING/DEMARCATIION

- BEACON PERSON
- ABSTRACT

# RECENT RESEARCH OVERALL RESULTS

- **GANZFELD**
  - 835 SESSIONS, 10 LABS
  - 38% VS 25% CHANCE
  - $p < 10^{-9}$
- **RV**
  - 24,450 TRIALS OVER 15 YEARS
  - $p < 10^{-21}$

# MAIMONIDES MEDICAL CENTER

## OBSERVATIONS

- Vivid, potent, dynamic material is best
- Must be relaxed, passive with increase of inner attention
- Female participants are more sensitive to colors
- Rapport, bonds, emotional <sup>ASPECTS</sup> ~~tones~~ important
- Motivation, goals are important
- Openness, self-acceptance is important
- Waking PSI experience is not important

# RESEARCH EXAMPLES

*Ruins of Urquardt Castle, Loch Ness, Scotland*

Perception (in full):

“rocks; with uneven holes; also smoothness  
height  
ocean—dark, dark blue  
whitecaps  
waves; booming against rocks?  
on mountain or high rocks overlooking water  
dark green in distance  
gulls flying?  
pelican on a post  
sand  
a lighthouse?—tall structure—round with conical roof  
high windows or window space with path leading up to it  
or larger structure similar to a castle  
[Here there is a sketch of a castle abutment on the transcript.]  
a black dog?  
with longish curly hair  
old, unused feeling; fallen apart?  
musty or dank  
moss or grass growing in walls  
drawbridge?—wood  
ocean smells  
[Here two sketches show the rocks and castle separated by water from the  
dark green in the distance.]  
flowers?  
snow ice—capping a mountain?  
high large, cavernous hall—castle”

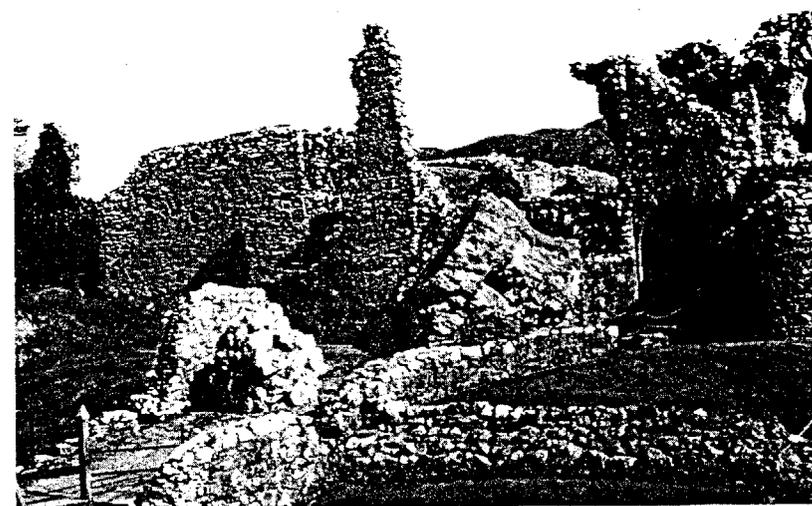
Distance: 3500 miles

Time: 14.5 hours, retrocognitive

Normalized Score: .769

z-Score: 2.194

Probability: .014



*Danube River, Bratislava, Czechoslovakia*

Perception (in part):

"I have the feeling that [the agent] is somewhere near water. I seem to have the sensation of a very large expanse of water. There might be boats. Several vertical lines, sort of like poles. They're narrow, not heavy. Maybe lamp posts or flagpoles. Some kind of circular shape. Almost like a merry-go-round or a gazebo. A large round thing. It's round on its side, like a disc, it's like a round thing flat on the ground, but it seems to have height as well. Maybe with poles. Could possibly come to a point on top. Seeing vertical lines again. Seems to be a strong impression, these vertical lines. No idea what they could be. . . . A definite sensation of being outside rather than in. Water again. . . . To one side of where [the agent] is I get the feeling there's a kind of small building. Could be a shed. . . . Predominant colors seem to be blue and green. . . . Water again. . . . Some very quick impression of a fence, a low fence. . . . Steps. I don't know where they're leading to. . . . The steps sort of lead up to like a path or walkway. Like a boardwalk. And there's a fence along it. There's people walking along it, and there's vertical lines along that walkway. . . ."

Distance: 5600 miles

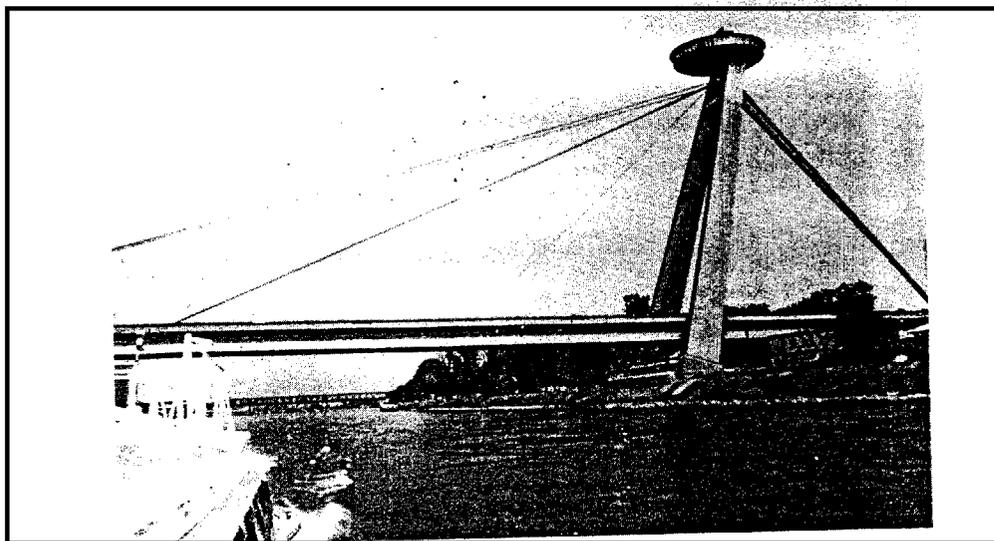
Time: 23.5 hours, precognitive

Normalized Score: .884

z-Score: 3.145

Probability: .001

CPYRGHT



# TRANSCRIPT

## 2500 MILES

"FLAT SEMI-INDUSTRIAL COUNTRYSIDE WITH MOUNTAIN RANGE  
IN BACKGROUND AND SOMETHING TO DO WITH UNDERGROUND  
CAVES OR MINES OR DEEP SHAFTS--HALF MANMADE, HALF NATURAL--  
SOME ELECTRIC HUMMING GOING ON--THROBBING, INNER THROBBING.  
NUCLEAR OR SOME VERY FAR OUT AND POSSIBLY SECRET  
INSTALLATION--CORRIDOR--MAZES OF THEM--WHOLE UNDERGROUND  
CITY----"

## DIFFICULTIES

- No adequate theory
  - Limits in current understanding
  - Interdisciplinary needs
  
- Acceptability
  - Lack of formal proof
  - Replication difficult
  - Cultural constraints
  - Counterfits
  
- Person dependent
  - Individual style
  - Complex psychodynamics
  - Support

## SUMMARY

- Phenomena have deep roots
- Spontaneous phenomena keep occurring
- A wide variety of research exists
  - Reality demonstrated
  - Progress is slow
  - Goal orientation
- Application interests continue

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## J.B. RHINE'S OBSERVATIONS

- Most subjects can do clairvoyance, telepathy
- Daily fluctuations occur
- Drugs, coffee affects
- Works at a distance
  - Performance increases noted
- Rational, sensory processes interfere

## J.B. RHINE'S OBSERVATIONS

### Cont'd

- Abstraction, "concentration" required
- Major procedure changes disturb
- Conflict of purpose spoils concentration
- Self-consciousness lowers results
- Dissociation lowers capacity to concentrate
- ESP use over time does not decline
  - May be cyclic
  - May be below chance for negative attitude

J.B. RHINE'S OBSERVATIONS

Cont'd

- Interest, effort, attention cause variations
- Light humorous mood best
- No evidence of further development after brief initial period

# J.B. RHINE'S OBSERVATIONS

## Cont'd

- Best results when both "sender and "receiver" have talent
  - Even if the "sender" is fatigued
- Results somewhat positive, even if the "sender" has no talent
- Poor results if "receiver" has poor talent, even with good "sender"



# EVALUATION SCALES

<u>NUMERICAL RATING</u>	<u>APPROX. DEGREE OF DATA CORRELATION PERCENT</u>	<u>DESCRIPTION</u>
0	0 - 10	LITTLE OR NO CORRELATION
1	10 - 30	MIXTURE OF RELEVANT AND INCORRECT DATA WITH MAJORITY INCORRECT
1+	30 - 50	
2	50 - 70	MIXTURE OF RELEVANT AND INCORRECT DATA WITH MAJORITY CORRECT AND UNAMBIGUOUS
2+	70 - 90	
3	90 - 100	VERY HIGH TARGET CORRELATION WITH ESSENTIALLY NO AMBIGUOUS DATA

SP5353.11

FIGURE 3

# DATA CATEGORIES

GEOGRAPHIC DESCRIPTIONS -- e.g., TERRAIN FEATURES;  
WATER, MOUNTAINS

OBJECTS (LARGE SCALE) -- e.g., AIRFIELDS, FACILITY  
LAYOUT, DOCKS, SILOS

OBJECTS (SMALL SCALE) -- e.g., LASERS, TANKS, ANTENNAS

FUNCTIONS (LARGE SCALE) -- e.g., R/D, WEAPON TESTING,  
PRODUCTION

FUNCTIONS (SMALL SCALE) -- e.g., LASER TESTING, CBW  
STORAGE, MISSILE FIRING

PERSONALITY DATA -- e.g., STATE-OF-HEALTH, PHYSICAL  
FEATURES, BACKGROUND

PREDICTIVE -- e.g., PLANS, INTENTIONS, FUTURE LOCATIONS,  
FUTURE ACTIONS/ACTIVITY

FIGURE 2

# J.B. RHINE'S OBSERVATIONS

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# GENERAL TERMINOLOGY

- ANOMALOUS PHENOMENA
- PARANORMAL PHENOMENA
- PARAPSYCHOLOGY
- EXTRAORDINARY HUMAN FUNCTION
- PSYCHOENERGETICS
- BIOFIELD PHENOMENA
- PARAPHYSICS
- PSYCHIC RESEARCH

# DESCRIPTIVE TERMINOLOGY

## INFORMATIONAL

- ANOMALOUS COGNITION (AG)
- REMOTE VIEWING (RV)
- EXTRASENSORY PERCEPTION (ESP)
  - TELEPATHY
  - CLAIRVOYANCE
  - PRECOGNATION/POSTCOGNITION
  - OTHER

## ENERGETIC

- PSYCHOKINESIS (PK)
- ~~PSYCHIC~~
- ANOMALOUS PERTUBATION (AP)
- OTHER

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