

**PROGRAM FOR THE SIXTH WINTER  
CONFERENCE ON NEUROBIOLOGY OF  
LEARNING AND MEMORY**

**JANUARY 30, 31, FEBRUARY 1, 2  
1982**

**PROSPECTOR SQUARE  
PARK CITY, UTAH**

## CONFERENCE PARTICIPANTS

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- Daniel L. Alkon: Lab. Biophysics, NIH-NINCDS,  
Woods Hole, Massachusetts
- Thomas L. Babb: Dept. of Neurology, U of  
California at Los Angeles
- Michel Baudry: Dept. of Psychobiology, U of  
California at Irvine
- George W. Barlow: Dept. of Zoology, U of  
California at Berkeley
- Robert Berman: Dept. of Psychology, Wayne  
State U
- Ted W. Berger: Dept. of Psychobiology,  
U of Pittsburgh
- Steve Berry: Dept. of Psychology, Miami U
- Carl A. Boast: CNS Pharmacology, CIBA-Geigy,  
Summit, New Jersey
- Bella Bohus: Rudolf Magnus Inst. for  
Pharmacology, State U of Utrecht,  
Netherlands
- Byron Campbell: Dept. of Psychology,  
Princeton U
- Greg Clark: Dept. of Psychology, Stanford U
- Terry Crow: Dept. of Physiology, U of Pittsburgh
- Joel Davis: Psychobiology Res. Lab., VA Hospital  
Sepulveda, California
- William J. Davis: Thimann Labs, U of California  
at Santa Cruz
- Terry DeVietti: Dept. of Psychology, Central  
Washington State U
- John Disterhoft: Dept. of Cell Biology and  
Anatomy, Northwestern U Medical School
- Joseph Farley: Dept. of Psychology, Princeton U
- Michael Gabriel: Dept. of Psychology, U of Texas
- Michela Gallagher: Dept. of Psychology, U of  
Vermont

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Stephen E. Glickman: Dept. of Psychology, U of California at Berkeley

Paul E. Gold: Dept. of Psychology, U of Virginia

William Greenough: Dept. of Psychology, U of Illinois

Lennart Heimer: Dept. of Neurology, U of Virginia Medical Center

John A. Harvey: Dept. of Psychology, U of Iowa

Robert Jensen: Dept. of Psychobiology, U of California at Irvine

Bruce S. Kapp: Dept. of Psychology, U of Vermont

Alan C. Kamil: Dept. of Psychology and Zoology, U of Massachusetts at Amherst

David Lavond: Dept. of Psychology, Stanford U

Steve Lisberger, Dept. of Physiology, U of California at San Francisco

James T. Martin: Dept. of Natural Sciences and Mathematics, Stockton State College

Joe Martinez, Jr.: Dept. of Psychobiology, U of California at Irvine

James L. McGaugh: Executive Vice Chancellor, U of California at Irvine

Rita B. Messing: Dept. of Pharmacology, U of Minnesota

John W. Moore: Dept. of Psychology, U of Massachusetts

Frank Morrell and Leyla de Toledo-Morrell: Dept. of Neurological Sciences, Rush Medical College

Lynn Nadel: Dept. of Psychology, Dalhousie U

Alejandro Oscos: Dept. of Psychobiology, U of California at Irvine

Michael Patterson: School of Osteopathic Medicine, Ohio U

## CONFERENCE SCHEDULE

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### SATURDAY, JANUARY 30

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3:30 - 4:30 p.m.  
Registration  
Silver King 3 & 4

4:30 - 6:00 p.m.  
Cocktail Party  
Place to be announced

6:00 - 7:30 p.m.  
Dinner

7:30 - 10:00 p.m.  
Introduction: Jim McGaugh & Raymond Kesner  
Discussion Leader: Dan Alkon  
General Topic: Molluscan models of vertebrate  
associative learning  
Silver King 3 & 4

### SUNDAY, JANUARY 31

4:30 - 6:30 p.m.  
Discussion Leader: Steve Glickman  
General Topic: Evolution of learning and  
memory  
Silver King 3 & 4

6:30 - 8:00 p.m.  
Dinner

8:00 - 10:00 p.m.  
Discussion Leaders: Michela Gallagher &  
Bruce Kapp  
General Topic: Role of amygdala in learning  
and memory  
Silver King 3 & 4

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Lewis Petrinovich: Dept. of Psychology,  
U of California at Riverside

Anthony Phillips: Dept. of Psychology, U of  
British Columbia, Canada

James B. Ranck, Jr.: Dept. of Physiology,  
Downstate Medical Center, SUNY

David C. Riccio: Dept. of Psychology, Kent  
State U

Edmund T. Rolls: Dept. of Experimental  
Psychology, U of Oxford, England

Aryeh Routtenberg: Dept. of Psychology,  
Northwestern U

Rupert Schmidt: Institute of Anatomy and  
Cell Biology, U of Marburg, West Germany

Victor Shashoua: Research Lab., MacLean  
Hospital, Belmont, Massachusetts

Paul R. Solomon: Dept. of Psychology,  
Williams College

Larry R. Squire: Dept. of Psychiatry, VA  
Hospital, San Diego, California

Debbie Sternberg: Dept. of Psychobiology,  
U of California at Irvine

Oswald Steward: Dept. of Neurosurgery and  
Physiology, U of Virginia

Timothy J. Teyler: Dept. of Neurobiology,  
Northeastern Ohio College of Medicine

Richard M. Vardaris: Dept. of Psychology,  
Kent State U

Charles D. Woody: Lab. of Neurophysiology,  
U of California at Los Angeles

Steve Zornetzer: Dept. of Neuroscience,  
U of Florida College of Medicine

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MONDAY, FEBRUARY 1

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4:30 - 6:30 p.m.

Workshops

Discussion Leaders:

- 1) Joe Martinez and Robert Jensen - Role of ACTH and fragments in modulation of learning and memory  
Silver King 3 & 4
- 2) John Disterhoft - Single and multiple unit studies of learning (model systems)  
Coalition 4

6:30 - 8:00 p.m.

Dinner

8:00 - 10:00 p.m.

Discussion Leader: Tim Teyler

General Topic: Long-term potentiation: Its cellular basis and its implication for memory  
Silver King 3 & 4

TUESDAY, FEBRUARY 2

4:30 - 6:30 p.m.

Discussion Leader: Victor Shashoua

General Topic: Molecular and cell biology of learning  
Silver King 3 & 4

6:30 - 8:00 p.m.

Dinner

8:00 - 8:30 p.m.

Business meeting

Leader: Jim McGaugh

Silver King 3 & 4

8:30 - 10:30 p.m.

Discussion Leader: Jim McGaugh

General Topic: General discussion of critical issues

Silver King 3 & 4.

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## GENERAL INFORMATION

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### REGISTRATION FEE:

\$25.00 Payable at registration, Saturday, January 30, from 3:30 - 4:30 p.m. in the Silver King 3 & 4 meeting rooms

### MEETING LOCATION:

Prospector Square, Park City, Utah - in the Silver King 3 & 4, and Coalition 4 meeting rooms

### TRANSPORTATION:

Prospector Square provides a courtesy shuttle bus during peak periods to the ski area and downtown Park City

Park City also offers a ski shuttle service from the ski area with stops along Park Avenue and Main Street. The fare is free and the shuttle departs the ski area every 20 minutes with the exception of no run at 2:00 p.m.

### SOCIAL CHAIRMAN: Tony Phillips

There are some extra social activities planned. They will be announced on the first day of the conference.

### NEXT YEARS PROGRAM COMMITTEE:

Tony Phillips, John Disterhoft, and Steve Zornetzer

The conference was organized by Raymond Kesner, Jim McGaugh, Aryeh Routtenberg, John Disterhoft, and Larry Squire, and supported in part by the Department of Psychology and by the Division of Continuing Education, University of Utah