

**SYMPOSIA:**

Serotonin and Behavior. (James H. Woods, University of Michigan, chair): Presidential Symposium  
*Friday, August 24, 10:00–11:50 a.m.—Dominion North (Sheraton Centre)*

- Richard A. Glennon. The Role of Serotonin in the Discriminative Stimulus Properties of Dom and Related Agents.  
Tsuneyuki Yamamoto and James H. Woods. Discriminative Effects of Agonists and Antagonists Related to Serotonin.  
Richard H. Rech. Role of 5-Hydroxytryptamine in Conditioned Conflict Behavior  
James E. Barrett and Linda S. Brady. Behavioral Pharmacology of Drugs Affecting Serotonin Neurotransmission.

Television Publicized Tardive Dyskinesia: Implications for Research and Litigation. (Robert L. Sprague, University of Illinois, chair)

*Saturday, August 25, 3:00–4:50 p.m.—St. George (Holiday Inn)*

- David White. Abnormal Movements Can Be Quantified: A Study of Screening Procedures.  
Janis C. Rusch. Can Clinical Records Be Used to Predict Who Needs Drugs?  
Rina K. Ullmann. A Scale Revised Using Both Clinical and Psychometric Data.  
Kenneth M. Slaw. Malpractice Litigation: Future Risk for the Mental Health Practitioner

Research Strategies for Studying Drug Effects on Learning and Memory. (George A. Heise, Indiana University, chair)

*Sunday, August 26, 10:00–11:50 a.m.—Dominion North (Sheraton Centre)*

- George A. Heise. Behavioral Baselines for Measuring Drug Effects on Learning and Memory.  
Elkan Gamzu, George Vincent and Edward Boff. A Search for Therapeutic Agents to Improve Learning and Memory.  
Raymond T. Bartus. Use of Animal Models of Aging and Dementia.  
Paul E. Gold. Neuroendocrine Regulation of Memory Storage and Neuronal Plasticity.

The Concepts and Determinants of "Drug Abuse" and "Abuse Liability" (Meyer D. Glantz, National Institute on Drug Abuse, Rockville, MD, chair)

*Monday, August 27, 9:00–10:50 a.m.—City Hall Grill (Sheraton Centre)*

- Marvin Snyder. Abuse Liability: A Neuroscientific Approach  
John Grabowski. Reinforcing Effectiveness and "Abuse Liability". A Behavioral Pharmacological Perspective.  
Meyer Glantz. Criteria for Drug Abuse: A Clinical Psychology Perspective.  
Charles Lidz and Andrew Walker. Abuse Liability. Some Cultural Issues.  
Discussant: Jim Barrett, Uniformed Services University of the Health Sciences.

Salsolinol: A Marker of Stress Factors and Alcohol Abuse. (Charles W. Gowdey, The University of Western Ontario, chair)

*Monday, August 27, 3:00–4:50 p.m.—Huron (Sheraton Centre)*

- Maurice Hirst. Tetrahydroisoquinolines and Alcohol Consumption.  
Michael A. Adams and Maurice Hirst. Analysis of Salsolinol in Urine.  
David R. Evans and Janet A. Doyle. Alcohol and Other Factors Influencing Salsolinol Excretion.  
Allison E. Pilgrim and Lisa A. Shatford. Stress and Salsolinol

Recent Psychological Research on Caffeine. (W. Miles Cox and Joseph P. Blount, University of Minnesota, chairs)

*Tuesday, August 28, 9:00–10:50 a.m.—St. Patrick (Holiday Inn)*

- Sandra W. Jacobson and Jeffrey K. Dowler. Effects of Pre- and Postnatal Caffeine Exposure on Human Infants.  
W. Miles Cox and Joseph P. Blount. Ability to Perceive Ingested Caffeine and Its Effects.  
Barry D. Smith. Caffeine and Personality: Interactive Effects on Psychophysiological Arousal  
Kristen Joan Anderson. The Cognitive Effects of Caffeine.  
Kirby Gilliland and Wesley Bullock. Emotional Factors Related to Caffeine Consumption.

Role of Nicotine in Tobacco Smoking. (Roy W. Pickens, University of Minnesota, chair)

*Tuesday, August 28, 12:00–1:50 p.m.—Dominion North (Sheraton Centre)*

- Jack E. Henningfield. Response to Nicotine as a Function of Dose Delivered via the Intravenous, Inhalation, or Oral Routes.  
Steven R. Goldberg. Nicotine Self-Administration by Monkeys: Effects of Nicotine and Caffeine Pretreatments.

Rosemarie Nemeth-Coslett, Jack E. Henningfield, Roland R. Griffiths and Mary K. O'Keefe. Effects of Mecamylamine on Cigarette Smoking and Subjective Responses.  
 John E. Boren, Maxine L. Stitzer and Jack E. Henningfield. Choice of Cigarette as a Function of Nicotine Yield.  
 John R. Hughes. Effects of Nicotine Gum on Smoking Behavior and Cigarette Craving.  
 Dorothy K. Hatsukami, Roy W. Pickens, Dace Svikis and Steven W. Gust. Smoking Topography and Nicotine Blood Levels.

### **NEW FELLOWS ADDRESS**

*Friday, August 24, 8:00–8:50 a.m.—University (Westin)*

Ron Wood, University of Rochester School of Medicine (chair)  
 Ann Pytkowicz Streissguth, University of Washington. Alcohol as a Behavioral Teratogen: the Seattle Longitudinal Prospective Study on Alcohol and Pregnancy.  
 Joseph J. Tecce, Tufts University. Neuropsychopharmacological Studies of Alzheimer's Disease.

### **INVITED SPEAKER**

*Friday, August 24, 1:00–1:50 p.m.—St. Patrick (Holiday Inn)*

Victor Laties, University of Rochester Medical Center (chair)  
 Peter Dews, Harvard University. History of Behavioral Pharmacology.

### **NEW FELLOWS ADDRESS II**

*Sunday, August 26, 1:00–2:50 p.m.—Wentworth (Sheraton Centre)*

Maxine Stitzer, Baltimore City Hospitals, Baltimore, MD (chair)  
 Ronald Lipman, Friends Hospital, Philadelphia, PA. Somatic and Non-Somatic Treatment of Depressive Disorders and Anxiety States: A Research Perspective.  
 Murray Alpert, New York University Medical Center. A Revisionist View of the Neuroleptic Hypothesis.  
 John Grabowski, National Institute on Drug Abuse, Rockville, MD. Profiles of "Ideal Drugs" for Therapeutic and Social Use.  
 Linda Dykstra, University of North Carolina. Behavioral Differentiation of Opioid Agonists and Antagonists.  
 Winner of the Young Psychopharmacologist Award: Irwin Lucki, University of Pennsylvania. Changes in Behavior and Serotonin Receptors Associated with Repeated Antidepressant Drug Treatments in Rats.

### **PRESIDENTIAL ADDRESS**

*Sunday, August 26, 4:00–4:50 p.m.—City Hall Grill (Sheraton Centre)*

Larry Byrd, Emory University (chair)  
 Jim Woods, University of Michigan Medical School. Scientific Evolution of Multiple Opiate Receptors.

### **INVITED SPEAKER**

*Monday, August 27, 1:00–1:50 p.m.—Windsor (Sheraton Centre)*

Roy Pickens, University of Minnesota (chair)  
 Jack Diamond, Competition Among Nerve Endings During Development of the Nervous System.

Division 28 is also co-sponsoring the Third Annual Meeting of the Behavioral Toxicology Society which will take place on Thursday, August 23, 1984 in Toronto.

### **BEHAVIORAL TOXICOLOGY SOCIETY**

*Thursday, August 23, a.m.*

Abstracts and Programs on Following Pages