

CONGRESS OF NEUROLOGICAL SURGEONS

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SECRETARY
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Dear Colleagues:

The 35th Annual Meeting of the Congress of Neurological Surgeons will take place September 30 to October 4, 1985 in Honolulu. This meeting occurs against a background of important societal changes that will affect the practice of neurological surgery. The themes of "Surgical Decision-Making" and "Controversies in Neurological Surgery" make the scientific program particularly pertinent and stimulating. Membership participation has been one of the primary strengths of the Congress and will allow development of new strategies to meet the medical challenges of the coming decade.

The Annual Meeting and Local Arrangements Committee have organized not only an intellectually exciting meeting but one which will take advantage of the spectacular setting of Hawaii and provide you and your family with an opportunity for relaxation in addition to unique Auxiliary and social activities designed to provide a sample of these magnificent islands.

It is a splendid time of the year with perfect weather expected and the scientific and social program is exciting. This will be an outstanding meeting and I look forward to seeing you there.

Sincerely,

Robert A. Ratcheson, M.D.

NOTE: The registration form corresponds to the three-digit number beside each course listing. Use this number when signing up for your choices and elsewhere when indicated.

Residents: When applicable, a three-digit number followed by R will indicate the number you should use to receive complimentary course registration.

MONDAY

September 30th

WORKSHOPS IN PRACTICAL NEUROSURGERY LIMITED REGISTRATION

075. Neurosurgical Spinal Stabilization

7:30 am-11:00 am 12:30 pm-4:00 pm

Course Director: Russell Hardy

Faculty: S

Stewart B. Dunsker Edward Connolly Barth Green Sanford Larson Henry Schmidek George Sypert

076. Use of the Laser in Neurosurgery

7:30 am-11:00 am

077. Use of the Laser in Neurosurgery

12:30 pm-4:00 pm

Course Director: Marion L. Walker

Faculty: Leonard Cerullo

J. Thomas Brown Charles R. Neblett

078. CT-Guided Stereotaxy

12:30 pm-4:00 pm

Course Director: William A. Friedman

Faculty: David Kasdon

Theodore S. Roberts Robert J. Coffey

079. Percutaneous Treatment of Tic

7:30 am-11:00 am

Course Director: Ronald I. Apfelbaum

Faculty: G. Robert Nugent

080. Anterior Approaches to the Cervical Spine

7:30 am-11:00 am

Course Director: Ralph B. Cloward

Faculty: Ralph B. Cloward

Faculty:

Ronald I. Apfelbaum M. Peter Heilbrun

MONDAY

September 30th

SPECIAL COURSES

082. COURSE I - Neurosurgical Intensive Care

083R. 8:00 am-3:30 pm

Moderator-Lawrence Pitts

A. General Cardiovascular and Respiratory Care of the Comatose Patient-Martin Samuels

B. Brain Protection-Michael Todd

C. Acute Care of the Head Injured Patient-Lawrence Pitts

D. Acute Care of the Stroke Patient

1. Clinical Syndromes-Louis Caplan

2. Medical Management-lames Wood

3. Surgical Management-Warren Selman

E. Neurological Intensive Care of the Newborn and Infant-Hector E. James

F. Other Neurological Emergencies-Martin Samuels

Panel Discussion

084. COURSE II-NeuroOncology 085R.

8:00 am-11:00 am

Moderator-Mark Rosenblum

A. General Principles-Michael Salcman

B. Surgical Principles—Michael Apuzzo

C. Radiation Therapy-Glenn Sheline

D. Brachytherapy-Philip H. Gutin

E. Chemotherapy and Immunotherapy-

M. Stephen Mahaley, Jr.

Panel Discussion

COURSE III-Complications in Neurosurgery 086.

087R. 12:30 pm-3:30 pm

Moderator-Robert G. Ojemann

A. Positioning to Prevent Complications-Robert G. Ojemann

B. Anesthetic Complications and Management of Intracranial

Hypertension-Michael Todd

C. Complications in Neurovascular Surgery-R. Michael Scott

D. Complications in Pediatric Neurosurgery-Harold L. Rekate

E. Complications in Spinal Surgery-Charles Fager

F. Complications in Interventional Neuroradiology-Gerard Debrun

Panel Discussion

6:00 am- 7:00 am Continental Breakfast

GENERAL SCIENTIFIC SESSION I

SURGICAL DECISION MAKING

7:00 am-11:30 am

Presiding Officer: Robert A. Ratcheson

Moderators:

Joseph C. Maroon

Steven Giannotta

A Clinician and Teacher's Overview of the Decision-Making Process in Neurosurgery-Henry G. Schwartz

Algorithms versus Clinical Judgment-Stephen Pauker

What is the Patient's Role in Making Clinical Decisions?-Brian Clark

The Role of Economics in Medical Decision-Making -Alain Enthoven

To Treat or Not to Treat-Ethical and Legal Considerations-Peter Black

HONORED GUEST PRESENTATION-Sidney Goldring

PRESIDENTIAL ADDRESS-Robert A. Ratcheson

LUNCHEON DISCUSSION GROUPS or

HOW I DO IT SESSIONS 11:45 am-1:15 pm

SPECIAL INTEREST WORKSHOPS 1:45 pm-3:15 pm

> RESIDENT SESSION 3:30 pm-5:00 pm

LUNCHEON DISCUSSION GROUPS

11:45 am-1:15 pm

101. Treatment of Carotid Cavernous Fistula

Yoshio Hosobuchi 102R. Moderator:

> Gerard M. Debrun Speaker:

103. The Medical Economic Climate

104R. Moderator: Col. Thomas P. Perone

Alain Enthoven Speaker:

105. Spinal Arteriovenous Malformations

106R. Moderator: Edward H. Oldfield

Michael Aminoff Speaker:

107. Treatment of Chronic Subdural Hematoma

108R. Moderator: Volker K. H. Sonntag

Speaker: Richard L. Saunders

109. The Management of Slit Ventricles

110R. Moderator: Alan S. Fleischer

> Harold L. Rekate Speaker:

111. Does Biopsy Alter the Treatment or Outcome in Brain

112R. Stem Glioma?

Moderator: Michael Edwards

Speaker: Leland Albright

Hematological Factors in Stroke 113.

114R. Moderator: Howard H. Kaufman

Speaker: James H. Wood

The Management of Recurrent Carotid Stenosis 115.

116R. Moderator: Calvin C.M. Kam.

Speaker: W. Richard Marsh

HOW I DO IT SESSIONS

11:45 am-1:15 pm

117. Aneurysm Surgery, Avoiding Pitfalls

118R. Moderator: Richard Hodosh

Speaker: Duke S. Samson

119. Basal Menigioma Surgery

120R. Moderator: Laligam N. Sekhar

Speaker: Jon H. Robertson

121. Hearing Preservation in Acoustic Surgery

122R. Moderator: Ronald I. Apfelbaum

Speaker: Robert G. Ojemann

123. New Uses for Stereotactic Surgery

124R. Moderator: M. Peter Heilbrun

Speaker: Philip G. Gutin

125. Surgical Management of the Patient with Von Recklinghausen's Disease

126R. Moderator: Joseph F. Hahn

Speaker: Robert Martuza

127. Gunshot Wounds of the Head

128R. Moderator: Morris W. Pulliam

Speaker: William H. Hammond

TUESDA Y/WEDNESD

SPECIAL INTEREST WORKSHOPS

1:45 pm-3:15 pm

129. Pituitary Macroadenomas130R. Moderator: William ShucartSpeaker: Ivan Ciric and Glenn Sheline

131. Management of Myelomeningocele132R. Moderator: Robert McLaurinSpeakers: Joan Venes and Kenneth Shapiro

133. Spinal Procedures for Pain and Spasticity134R. Moderator: Donlin Long

Speakers: David Kasdon and Richard Saunders

135. Clinical Studies—What Can You Believe?
136R. Moderator: Stephen Haines
Speakers: Murray Goldstein, Stephen Pauker and Clark Watts

Surgery of Third Ventricular Tumors
 Moderator: Peter McL. Black
 Speakers: Michael Apuzzo, Russel Patterson and John Antunes

139. Peripheral Nerve Surgery
 140R. Moderator: Robert Martuza
 Speakers: Laligam N. Sekhar and Irvine McQuarrie

141. Interventional Neuroradiology
 142R. Moderator: J. Parker Mickel
 Speakers: Duke S. Samson and Gerard DeBrun

143. Spinal Stabilization
144R. Moderator: George Sypert
Speakers: Ralph Cloward and Sanford J. Larson

6:00 am- 7:00 am Continental Breakfast

GENERAL SCIENTIFIC SESSION II

CONTROVERSIES IN CEREBROVASCULAR SURGERY

7:00 am-11:30 am

Presiding Officer: Donald O. Quest Roberto C. Heros

Moderators:

William Shucart

Treatment of Asymptomatic Aneurysms-Fremont P. Wirth

Timing of Aneurysm Surgery-Eugene Flamm and Bengt Ljunggren

Antifibrinolytic Agents-Neil Kassell

Management of Unruptured AVMs-Michael Aminoff and Roberto C. Heros

Asymptomatic Carotid Disease-Donald O. Quest

Posterior Fossa Revascularization-Louis Caplan and James I. Ausman

Management of the Patient with Carotid Occlusion and a Single Ischemic Event-Robert Grubb

Emergency Revascularization-Robert Crowell

Indications for Bypass Surgery in Light of the EC-IC Study-Sydney Peerless

LUNCHEON DISCUSSIONS HOW I DO IT SESSIONS 11:45 am-1:15 pm

FOUR POSTER SESSIONS (simultaneous)-Each poster will have a five minute presentation with a two minute discussion. 1:45 pm-3:30 pm

Moderators:

Section A-Robert Martuza and David Kasdon Section B-Richard Hodosh and William Chandler Section C-Paul Nelson and Peter Black Section D-Mark Rosenblum and Joseph C. Rich

> Trauma Section 3:30 pm-5:00 pm

Tumor Section-Metastatic Brain Tumor 3:30 pm- 5:15 pm

Spine Section—Craniovertebral Junction 3:30 pm-5:15 pm

WEDNESDAY

October 2nd

LUNCHEON DISCUSSION GROUPS

11:45 am-1:15 pm

201. Management of "Recurrent" Lumbar Pain

202R. Moderator: William W. T. Won

Speaker: Harold A. Wilkinson

203. Management of the Grade III Subarachnoid Hemorrhage

204R. Patient

Moderator: Fernando G. Diaz

Speaker: Haruhiko Kikuchi

205. Preoperative Management of Subarachnoid Hemorrhage

206R. Moderator: John E. McGillicuddy

Speaker: Paul B. Nelson

207. Cerebral Blood Flow: Does it have a Clinical Role?

208R. Moderator: Bruce E. Mickey

Speaker: Richard B. Morawetz

209. Management of Intracranial Arterial Stenosis

210R. Moderator: L. Philip Carter

Speaker: Arthur Day

211. External Carotid Artery

212R. Moderator: Richard M. Hodosh

Speaker: Roger W. Countee

213. Endarterectomy for Carotid Occlusion

214R. Moderator: Robert M. Crowell

Speaker: Jack M. Fein

215. CNS Regeneration

216R. Moderator: Howard M. Eisenberg

Speaker: Larry Borges

WEDNESDAY

October 2nd

HOW I DO IT SESSIONS

11:45 am-1:15 pm

217. Treatment of Giant Intracranial Aneurysms

218R. Moderator: Yoshio Hosobuchi Speaker: Kenichiro Sugita

219. Intradiscal Therapy

220R. Moderator: George W. Sypert Speaker: Christopher B. Shields

221. Surgical Management of Syringomyelia

222R. Moderator: Nick Barbaro Speaker: Albert L. Rhoton, Jr.

223. Posterolateral Approach to the Thoracic Spine

224R. Moderator: Thomas G. Saul Speaker: Russel H. Patterson

225. Craniosynostosis

226R. Moderator: W. Richard Marsh Speaker: Leland Albright

227. Corpus Callosum Section for Seizures

228R. Moderator: Michael O'Connor Speaker: Robert Maxwell

6:00 am- 7:00 am Continental Breakfast

GENERAL SCIENTIFIC SESSION III

Presiding Officer: Michael Salcman Moderators:

Arthur L. Day

I. Michael McWhorter

CONTROVERSIES IN TUMOR MANAGEMENT

7:00 am-9:00 am

Treatment of Prolactinoma-Martin Weiss

Treatment of Cushing's Disease-William Chandler

Treatment of Craniopharyngiomas-John Shillito

Treatment of Low Grade Gliomas-Edward R. Laws, Ir. and Glenn Sheline

Treatment of Spinal Metastasis-Narayan Sundaresan

CONTROVERSIES IN THE MANAGEMENT OF NEUROSURGICAL INFECTIONS

9:30 am-11:00 am

Prophylactic Antibiotics in Neurosurgery-Stephen Haines

Brain Abscess-Mark Rosenblum

Brain Biopsy for Encephalitis-Richard Morawetz

SPECIAL LECTURE-Murray Goldstein

LUNCHEON DISCUSSION GROUPS

HOW I DO IT SESSIONS

11:15 am-12:45 pm

1:15 pm-3:45 pm

Open Plenary Scientific Session

RESIDENT AWARD PAPER Presiding Officer: Edward R. Laws, Jr.

Moderators: Stephen Haines

Raymond Taniguchi

THURSDAY

October 3rd

LUNCHEON DISCUSSION GROUPS

11:15 am-12:45 pm

301. NMR Imaging

302R. Moderator: L. Philip Carter

Speaker:

Edward Ganz

303. SANS II-Review of Problem Questions

304R. Moderator: George W. Sypert

Speakers: Robert Crowell, R. Michael Scott and

Fremont P. Wirth

305. Medical Managment of Shunt Infections

306R. Moderator: Lawrence Borges

Speaker: Joan L. Venes

307. Pseudo-tumor Cerebri: Medical versus Surgical

308R. Treatment Methods Moderator: Floyd L. Haar

Speaker: Warren Selman

309. Mycotic Aneurysms

310R. Moderator: Eugene D. George Speaker: Richard B. Morawetz

311. Management of Supratentorial Hemispheric Tumors in

312R. Children

Moderator: J. Gordon McComb

Speaker: Michael Edwards

313. Treatment of Rheumatoid Arthritis at the Craniocervical

314R. Junction

Moderator: Bernard Robinson Speaker: Arnold H. Menezes

315. Prophylactic Surgery in Children with Lipomyelomen-

316R. ingocele

Moderator: W. Jerry Oakes Speaker: Bruce B. Storrs

THURSDAY

October 3rd

HOW I DO IT SESSIONS

11:15 am-12:45 pm

317. Surgical Management of Pineal Region Tumors

318R. Moderator: Edward R. Laws, Jr. Speaker: Professor Keiji Sano

319. Combined Approaches to the Skull Base

320R. Moderator: Tomas Delgado Speaker: Joseph C. Maroon

321. Lumbar Spinal Stenosis

322R. Moderator: Philip R. Weinstein Ralph B. Cloward

323. New Directions in the Management of Head Injuries

324R. Moderator: Lawrence Pitts Speaker: Howard Kaufman

325. Surgical Treatment of Chronic Pain

326R. Moderator: Donlin Long Speaker: Donald Richardson

327. Surgical Treatment of Hemifacial Spasm

328R. Moderator: Raymond Taniguchi Speaker: Takanori Fukushima

6:00 am-7:00 am Continental Breakfast

GENERAL SCIENTIFIC SESSION IV

Presiding Officer: Hal Hankinson

Moderators: Ronald I. Apfelbaum

Christopher B. Shields

CONTROVERSIES IN PEDIATRIC NEUROSURGERY

7:00 am-8:30 pm

The Role of Pre-Natal Neurosurgery-Michael Edwards

Treatment of Myelomeningocele-Leslie Sutton and David McClone

HONORED GUEST PRESENTATION-Sidney Goldring

CONTROVERSIES IN SPINAL AND FUNCTIONAL SURGERY

9:00 am-11:20 pm

Management of Cervical Radiculopathy-William H. Hunt

Lumbar Microdiscectomy-Charles Fager and Joseph C. Maroon

Chemonucleolysis-Christopher B. Shields and Arthur Day

Neurosurgical Treatment of Vertigo-Edward Tarlov and Peter Jannetta

AUXILIARY EDUCATIONAL AND SOCIAL ACTIVITIES

Sunday, September 29

12:00 pm- 5:00 pm Hospitality Suite Open

Monday, September 30

7:00 am- 8:00 am Aerobic Exercise

7:30 am-10:30 am Hospitality Suite Open

7:30 am- 9:00 am Continental Breakfast

9:00 am-10:00 am Scientific and Educational Program: "Origin and Geologic

Evolution of the Hawaiian Islands"

10:15 am- 2:00 pm Bishop Museum Tour with lunch at Oahu Country Club

10:15 am- 1:30 pm Snorkeling Expedition to Hanauma Bay

2:00 pm- 4:00 pm Hospitality Suite Open

5:30 pm- 7:30 pm Opening Cocktail Party

Tuesday, October 1

7:00 am- 8:00 am Aerobic Exercise

7:30 am-10:30 am Hospitality Suite Open

7:30 am- 9:00 am Continental Breakfast 9:00 am-11:00 am Hawaiian Cooking and Crafts Fair

10:00 am- 3:00 pm Shoppers' Shuttle

12:00 pm- 3:00 pm Annual Business Luncheon featuring Hawaii's History

through Fashion

2:00 pm- 4:00 pm Hospitality Suite Open

3:30 pm- 4:30 pm Catamaran Ride

Wednesday, October 2

6:15 am- 8:00 am Fun Run

7:00 am- 8:00 am Aerobic Exercise

7:30 am-10:30 am Hospitality Suite Open

7:30 am- 9:00 am Continental Breakfast

9:00 am- 9:45 am Scientific and Educational Program: "Imaging Techniques of the 1980s: An Introduction to NMR"

10:00 am- 3:00 pm House and Garden Tour with lunch at The Willows

10:00 am- 4:00 pm Circle Island Tour by Bus

10.30

12:30 pm- 4:00 pm CINPAC Tour of Pearl Harbor

2:00 pm- 4:00 pm Hospitality Suite Open

S O C I A

Thursday, October 3

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Aerobic Exercise
Hospitality Suite Open
Continental Breakfast
Chinatown Walking Tour with Lunch at Wo Fat
Snorkeling Expedition to Hanauma Bay
Shoppers' Shuttle
CINPAC Pearl Harbor Tour
Hospitality Suite Open
ANNUAL RECEPTION

ANNUAL BANQUET—Ten-Course Chinese Feast

Friday, October 4

7:30 pm-

8:00 am-12:00 pm Hospitality Suite Open

FEATURES

WELCOMING COCKTAIL PARTY—No charge, Monday, September 30th, 5:30-7:30 p.m., will feature Hawaiian hors d'oeuvres and cocktails on the Ocean Lawn of the Royal Hawaiian Hotel.

ANNUAL RECEPTION AND CHINESE BANQUET—Thursday, October 3rd. An official Lion Dance will lead participants into the banquet hall hosting the 10-course Chinese feast. The Chinese theme will also carry over to the entertainment—traditional and not-so-traditional!!

POSTERS—Posters will be located in the foyer of the Hawaii Ballroom. Viewing is from 9:00 a.m.-5:00 p.m. daily Monday through Thursday, and Friday, 9:00 a.m.-12:00 noon. On Wednesday, from 1:45 pm to 3:15 pm each poster will have a five minute presentation.

VIDEOTAPE LIBRARY—The Library will include new tapes as well as selections from the permanent CNS Videotape Library. Hours will be 8:00 a.m.-5:00 p.m. daily.

RESIDENTS' BREAKFAST-No charge, Tuesday, October 1st, 6:00 a.m.-7:00 a.m.

RESIDENTS' SCIENTIFIC PROGRAM—Tuesday, October 1st, 3:30 p.m.-5:00 p.m. The program will feature G. Douglas Talbott, M.D. who will speak on "The Impaired Neurosurgeon."

FUN RUN-Wednesday, October 2nd, 6:15 a.m. to 8:00 a.m.

HONORED GUEST AND RESIDENTS' RECEPTION—Wednesday, October 2nd, 5:30 p.m.-6:30 p.m. Residents will meet personally with Dr. Sidney Goldring, honored guest.

INTERNATIONAL BREAKFAST—Thursday, October 3rd in the Kahuku Room from 6:00 a.m.-7:15 a.m. The breakfast will feature "Neurological Practice & Training in Australasia" moderated by Philip Weinstein, M.D.

SPECIAL NOTICES

- Joint Socio-Economic Committee will meet from 7:30 a.m.-5:00 p.m., Saturday, September 28, 1985 and 7:30 a.m.-4:30 p.m., Sunday, September 29, 1985 in the Honolulu and Kahuku Rooms.
- Joint Committee on Devices & Drugs will meet Sunday, September 29, 1985 from 8:00 a.m.-5:00 p.m. in the Iao Needle, Akaka Falls, Koko Crater, and Waimea Canyon Rooms. On Monday, September 30th, they will meet in Room 425 from 8:00 a.m.-5:00 p.m. and beginning on Tuesday from 8:00 a.m.-11:00 a.m. and 3:00 p.m.-5:00 p.m.
- Joint Committee of Military Neurosurgeons will meet from 2:00 p.m.-5:00 p.m. on Sunday, September 29th.
- The Placement Office will be open from 7:00 a.m.-4:00 p.m. beginning Monday, September 30, 1985 in Room 424.
- The Executive Committee of the Tumor Section will meet in the Koko Crater Room from 11:00 a.m.-12:30 p.m. on Monday, September 30, 1985.
- Joint Committee on Education will meet Monday, September 30, 1985 in Waimea Canyon, 1:00 p.m.-4:00 p.m.
- Cooperative Aneurysm Study meeting will be held Monday, September 30th in the Koko Crater Room, 3:45 p.m.-4:45 p.m.
- 8. There will be an Editorial Board of Clinical Neurosurgery meeting on Wednesday, October 2nd, from 2:00 p.m.-4:00 p.m. in the Hilo Room.
- Tumor Section Program will be held on Wednesday from 3:30 p.m.-5:15 p.m. in the Maui Room. A Membership meeting will follow from 5:15 p.m.-5:45 p.m.
- Spine Section Program will be held on Wednesday in the Kauai Room from 3:30 p.m.-5:00 p.m. followed by a Business Meeting until 5:30 p.m.
- Trauma Section Program will be held on Wednesday in the Oahu and Waialua Rooms, 3:30 p.m.-5:00 p.m.

GENERAL INFORMATION

 An OFFICIAL HOUSING AND TRAVEL FORM has been sent to you. Mail this form directly to:

CNS Coordination Center GTU 2165-AA East Francisco Boulevard San Rafael, CA 94901 (415) 461-4650 (800) 325-1276 (includes Alaska and Hawaii) (800) 525-0008 (California residents only)

Please study the various hotels available carefully and return the form promptly. FOREIGN REGISTRATION SHOULD BE SENT AIRMAIL TO ENSURE PROMPT DELIVERY.

2. Mail your MEETING REGISTRATION FORM to:

Annual Meeting Congress of Neurological Surgeons Lockbox #PO Box 94782 Chicago, IL 60690

PLEASE MAIL FOREIGN REGISTRATION AIRMAIL TO ENSURE PROMPT DELIVERY.

- There is LIMITED REGISTRATION FOR PRACTICAL WORKSHOPS, "HOW I DO IT" SESSIONS AND LUNCHEON DISCUSSION GROUPS. REGISTER EARLY!!!
- 4. RESIDENTS, the Congress will provide complimentary meeting registration and complimentary registration for Special Courses and "on a space available basis" for Luncheon Discussion Groups and "How I Do It" Sessions. Any remaining Practical Course tickets will be made available to residents at cost during on-site registration.

5. Please note the following REFUND POLICY:

- A letter requesting cancellation of pre-registration must be received by the CNS Convention Office, 22 South Washington Street, Suite #100, Park Ridge, Illinois, 60068, by August 30, 1985 in order to receive a refund in full. Cancellation requests received after August 30, and before September 23, 1985 will be refunded less a \$75.00 processing fee. No refunds will be made if received in the CNS Convention Office after September 23, 1985.
- Banquet tickets may be returned no later than Monday, September 30, 1985. Refund will be made only if these tickets can then be resold.
- · No refunds will be given for return of a ticket to the Special Courses or Practical Courses.
- Tickets or vouchers for a Luncheon Discussion Group or "How I Do It" session will be refunded until 3:00 p.m. Monday, September 30, 1985.

For refund of AUXILIARY FUNCTIONS:

- To ensure a full refund for any auxiliary function, the request must be received in the CNS Convention Office, 22 South Washington Street, Suite #100, Park Ridge, Illinois, 60068, no later than August 30, 1985.
- Except for the above, there will be NO refunds for tickets to the Auxiliary Business Luncheon.
- Refund and/or exchange of Auxiliary tour tickets, based on minimum guarantees and space availability, will be made at the tour desk.