PRELIMINARY PROGRAM

WESTERN THORACIC SURGICAL ASSOCIATION
WAILEA MARRIOTT, WAILEA, MAUI, HAWAII

WTSA
900 Cummings Center, Suite 221 – U
Beverly, MA 01915
(978) 927-8330 fax (978) 524-0498
Email: wtsa@prri.com
Website: www.westernthoracic.org
March 2004

Dear Colleagues and Friends,

I take great pleasure in inviting you to the 30th Annual Meeting of the Western Thoracic Surgical Association, which will be held June 23-26, 2004 at the Wailea Marriott in Maui, Hawaii.

Hawaii has always been a favorite location for our Annual Meeting. Deep in history and tradition and world renown for its weather, hospitality and gracious surroundings, the relaxed tropical setting of Maui creates the perfect environs to meet with colleagues both old and new. The island also offers a wealth of sporting and water activities for all ages and skill levels. Win and Melinda Wells have arranged for some "only in Maui" tours and activities for our attendees as well as an elegant but relaxing social program.

I look forward to meeting with you all this June and I hope you will take advantage of this year’s exciting program put together by Dr. Robert Robbins and the rest of the Program Committee. As part of that program, we are pleased to welcome some of the most respected international leaders in cardiothoracic surgery.

Please review the information included here carefully and I will see you on Maui!

Warmest regards,

Vaughn A. Starnes

aloha!
GENERAL INFORMATION
The 30th Annual Meeting of the Western Thoracic Surgical Association will be held at the Wailea Marriott, Wailea, Maui, Hawaii, June 23-26, 2004. Half-day scientific sessions will be held on Thursday and Friday with afternoons free to enjoy the many activities available at the Resort and in the surrounding area; on Saturday the scientific sessions will conclude at 12:00 pm. Separate subscription breakfast sessions will be held on Friday morning prior to the Postgraduate Course.

ACCREDITATION
The Western Thoracic Surgical Association is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians. The Western Thoracic Surgical Association designates this continuing medical education activity for up to 13 credit hours in Category 1 of the Physician’s Recognition Award of the American Medical Association (each hour of the annual meeting is equivalent to one hour of Category 1 credit).

EDUCATIONAL OBJECTIVES
The Annual Meeting of The Western Thoracic Surgical Association is designed to provide a forum for communicating to the members and guest physicians the latest developments in the art and science of thoracic and cardiovascular surgery. The program will include original papers presenting new information, and a post-graduate course that amplifies areas of clinical interest through integration with associated basic scientific knowledge. Participants will have an opportunity to discuss the latest clinical and research efforts in the field. At the conclusion of the Annual Meeting, participants should have a better understanding of current advances and controversies in the fields of thoracic and cardiovascular surgery for use in their daily practice.
2003-2004
OFFICERS AND COUNCIL

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Los Angeles, CA

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Seattle, WA

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Executive Director
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Beverly, MA

LOCAL ARRANGEMENTS COMMITTEE
Co-Chairs
Winfield and Melinda Wells
Los Angeles, CA
## MEETING SCHEDULE

The 30th Annual Meeting will feature scientific sessions and social events as follows:

### Wednesday, June 23

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>3:00 pm – 7:00 pm</td>
<td>Registration Opens</td>
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<tr>
<td>7:00 pm – 9:00 pm</td>
<td>New Members Reception and Kid's Reception</td>
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### Thursday, June 24

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<th>Time</th>
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<tr>
<td>6:00 am</td>
<td>Samson Fun Run</td>
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<td>7:00 am – 12:00 noon</td>
<td>Registration</td>
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<td>7:00 am – 12:00 noon</td>
<td>Exhibits Open</td>
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<td>7:00 am – 11:00 am</td>
<td>Spouse Hospitality Suite</td>
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<tr>
<td>8:00 am – 12:00 noon</td>
<td>Scientific Session</td>
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<td>7:00 pm – 10:00 pm</td>
<td>Ancient Polynesia Theme Dinner</td>
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### Friday, June 25

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<th>Time</th>
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<td>6:30 am – 7:45 am</td>
<td>Breakfast Sessions</td>
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<td>7:00 am – 12:00 noon</td>
<td>Registration</td>
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<td>7:00 am – 12:00 noon</td>
<td>Exhibits Open</td>
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<td>7:00 am – 11:00 am</td>
<td>Spouse Hospitality Suite</td>
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<tr>
<td>8:00 am – 8:50 am</td>
<td>Postgraduate Course</td>
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<td>8:50 am – 12:00 noon</td>
<td>Scientific Session</td>
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<td>1:00 pm – 6:00 pm</td>
<td>Golf Tournament</td>
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<td>1:00 pm – 5:00 pm</td>
<td>Tennis Tournament</td>
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<td>Evening Free</td>
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### Saturday, June 26

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<td>6:30 am – 10:30 am</td>
<td>Exhibits Open</td>
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<tr>
<td>7:00 am – 12:00 noon</td>
<td>Registration</td>
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<tr>
<td>7:00 am – 11:00 am</td>
<td>Spouse Hospitality Suite</td>
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<td>7:30 am – 8:30 am</td>
<td>Poster Session</td>
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<td>8:30 am – 12:00 pm</td>
<td>Scientific Session</td>
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<td>12:00 noon – 12:30 pm</td>
<td>Business Meeting</td>
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<tr>
<td>12:45 pm – 1:45 pm</td>
<td>Family Barbecue</td>
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<tr>
<td>7:00 pm</td>
<td>President’s Reception &amp; Banquet</td>
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<tr>
<td>7:00 pm</td>
<td>Children’s Banquet</td>
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Wednesday, June 23, 2004

3:00 pm  Registration Opens
7:00 pm  New Members Reception, Luau Gardens

Thursday, June 24, 2004

6:00 am  Samson Fun Run
7:00 am  Registration
Continental Breakfast - Exhibit Hall, Plumeria/Maile Rooms
8:00 am  Introduction of New Members and Resident Essay Finalists
Haku/Pikake Rooms

8:10 am  Scientific Session

(10 minutes presentation, 10 minutes discussion)
Haku/Pikake Rooms
Moderators: Vaughn A. Starnes
Robert C. Robbins

1. Coronary Artery Bypass Grafting Without Annuloplasty for Moderate Ischemic Mitral Regurgitation: Long-term Outcomes, Multi-phase Parametric Modeling, and Propensity Analysis
Massachusetts General Hospital - Boston, MA

D. Galetta1, A. Cesario1, S. Margaritora1, V. Porziella1, R. M. D'Angelillo2, L. Trodella2, P. Granone1
1Division of General Thoracic Surgery, Catholic University - Rome, Italy, 2Department of Radiotherapy, Catholic University - Rome, Italy

3. Complex Aortic Valve Repair Provides a Durable and Effective Alternative to Valve Replacement in Children with Aortic Valve Disease
J. S. Tweddell, P. C. Frommelt, A. N. Pelech, R. D. Jaquiss, K. A. Mussatto, S. B. Litwin
Medical College of Wisconsin, Children’s Hospital of Wisconsin - Milwaukee, WI
9:10 am  
**PRESIDENTIAL ADDRESS**  
Vaughn A. Starnes

10:00 am  
Coffee Break - Visit Exhibits, Plumeria/Maile Rooms

10:30 am  
**SCIENTIFIC SESSION (cont.)**  
(10 minutes presentation, 10 minutes discussion)  
Haku/Pikake Rooms  
Moderators: Edward D. Verrier  
R. Scott Mitchell

†4. **Autologous Skeletal Myoblast Survival Correlates with Changes in Left Ventricular Remodeling in Dilated Ischemic Heart Failure**  
P. I. McConnell¹, C. del Rio¹, M. Brunner¹, V. Kushnir², J. H. Dinsmore², A. Zawadzka², D. B. Jacoby², P. Kwiatkowski², R. E. Michler²  
¹The Ohio State University Medical Center - Columbus, OH, ²GenVec - Boston, MA

5. **Aortic and Mitral Valve Replacement and Reconstruction of the Intervalvular Fibrous Body in 82 Patients: an Analysis of the Clinical Outcomes**  
N.C. De Oliveira, T. E. David, S. Armstrong, J. Ivanov  
The Toronto General Hospital, University of Toronto - Toronto, ON, Canada

6. **In the Current Era Complete Revascularization Improves Survival Following Coronary Artery Bypass Surgery**  
Cedars-Sinai Medical Center - Los Angeles, CA

†7. **Completion Pneumonectomy for Chronic Mycobacterial Disease**  
J. T. Sherwood, J. D. Mitchell, M. Pomerantz,*  
University of Colorado Health Sciences Center - Denver, CO

11:50 am  
**CONTROVERSIES IN THORACIC SURGERY**  
"Moderate Ischemic Mitral Regurgitation Usually Should Be Repaired at the Time of CABG"  
Moderator: Steven W. Guyton  
Pro: D. Craig Miller  
Con: Robert Guyton

12:30 pm  
ADJOURN

7:00 pm  
Ancient Polynesia Theme Dinner  
Pacific Terrace

† Samson Resident Prize Essay  
* WTSA Member
6:30 am

**SIMULTANEOUS BREAKFAST SESSIONS**

A) Adult Cardiac Session (Awapuhi I & II)

*Update on Robotically Assisted Cardiac Surgery*
Vaughn A. Starnes

*Manpower Issues: Physician Assistants’ Roles*
John C. Chen

B) General Thoracic Session (Puakenikeni I)

*Optimal Staging of Lung Cancer*
Douglas E. Wood

*Update on the Use of Chemotherapy for Resected Early Stage Lung Cancer*
John D. Mitchell

C) Congenital Heart Disease Session (Puakenikeni II)

*Palliative Repair of HLHS: The Sano vs. Norwood Procedure*

Sano Procedure – Frank L. Hanley
Norwood Procedure – Winfield J. Wells

7:00 am Continental Breakfast - Exhibit Hall, Plumeria/Maile Rooms

8:00 am

**POSTGRADUATE COURSE**

Sponsored by: White Memorial Medical Center and Foundation - Lyman A. Brewer, III Fund
Haku/Pikake Rooms
Introduced by: Vaughn A. Starnes

Norman E. Shumway
Stanford, California

8:50 a.m.

**SCIENTIFIC SESSION**

(10 minutes presentation, 10 minutes discussion)

Haku/Pikake Rooms

Moderators: John D. Mitchell
James I. Fann

8. *Is Early Anticoagulation Necessary after Bioprosthetic Aortic Valve Replacement?*

T. M. Sundt, K. J. Zehr, J. A. Dearani, R. C. Daly, C. J. Mullany, C. G. McGregor, F. J. Puga,
T. A. Orszulak, H. V. Schaff
Mayo Clinic - Rochester, MN
†9. **Annular or Subvalvular Approach to Chronic Ischemic Mitral Regurgitation?**
F. Tibayan¹, F. Rodriguez¹, F. Langer¹, M. Zasio¹, L. Bailey¹,* D. Liang¹, G. Daughters²,
N. Ingels², D. Miller¹
¹Stanford University - Stanford, CA, ²Palo Alto Medical Foundation - Palo Alto, CA

10. **The Accuracy of EUS and PET-CT in Re-Staging Patients with Esophageal Cancer after Neoadjuvant Chemoradiotherapy**
R. J. Cerfolio, A. S. Bryant,
University of Alabama at Birmingham - Birmingham, AL

†11. **Evaluating COX-2 inhibition in an orthotopic murine model of lung cancer for dose-dependent effect**
Keck School of Medicine, University of Southern California - Los Angeles, CA

12. **Modern surgical treatment of massive pulmonary embolism: results in 43 consecutive patients using a combination of rapid diagnosis and aggressive surgical approach**
Brigham and Women’s Hospital - Boston, MA

10:30 am  Coffee Break - Visit Exhibits, Plumeria/Maile Rooms

11:00 am  **SCIENTIFIC SESSION** (cont.)

(10 minutes presentation, 10 minutes discussion)
Haku/Pikake Rooms
Moderators:  David A. Bull
David A. Fullerton

13. **Which biological valve should we select for the 45 to 65 year old age patient choosing a biological aortic valve replacement?**
F. Dagenais, P. Mathieu, J. Perron, G. Raymond, J. Metras, R. Baillot,
D. Desaulniers, D. Doyle
Laval Hospital - Sainte-Foy, PQ, Canada

†14. **Efficacy of Intraluminal Pulmonary Artery Banding**
V. V. Piluiko¹, J. A. Poynter¹, R. E. Delius¹, R. Thomas¹, H. L. Walters¹
¹Children’s Hospital of Michigan - Detroit, MI, ²University of Michigan - Ann Arbor, MI

† Samson Resident Prize Essay
* WTSA Member
15. Randomized Trial of Open vs. Endoscopic Vein Harvest for Coronary Artery Bypass Grafting (CABG): Six-month Patency Rates
K. L. Yun¹,* V. Aharonian¹, P. Mansukhani¹, T. A. Pfeffer¹,* C. F. Sintek¹,*
G. S. Kochamba¹,* G. Grunkemeier²,* S. Khonsari¹,* ¹Kaiser Permanente
Los Angeles Medical Center - Los Angeles, CA, ²Providence Health System - Portland, OR

12:00 pm  ADJOURN
AFTERNOON - GOLF & TENNIS TOURNAMENTS
EVENING - FREE

SATURDAY, JUNE 26, 2004

7:00 am  Continental Breakfast - Exhibit Hall, Plumeria/Maile Rooms

7:30 am  POSTER FORUM SESSION

(S5 minutes presentation, 2 minutes discussion)
Haku/Pikake Rooms

Moderators: Robert C. Robbins
David A. Bull

P1. A Vascularized Three-dimensional Scaffold for Myocardial Infarct Repair
S. Kawamoto¹, R. B. Vernon¹, Q. Shi¹, M. D. Gooden¹, J. P. Flynn¹, Y. Tabata², M.D.
Allen³,
¹The Hope Heart Institute - Seattle, WA, ²Institute for Frontier Medical Sciences, Kyoto
University - Kyoto, Japan

P2. The Mechanism of CD8 Lymphocyte Function in Chronic Rejection of Heart Transplants
G. T. Schnickel, G. R. Hsieh, D. Whiting, J. J. Yun, W. Yao, M. C. Fishbein, A. Ardehali,*
David Geffen School of Medicine at UCLA, Los Angeles, CA

P3. Inhibition of Toll-Like Receptor 4 with E5564 Attenuates Myocardial Ischemia-Reperfusion Injury
A. Shimamoto¹,², S. Kobayashi¹, A.J. Chong¹, H. Takayama¹, A. J. Fleisig¹,
C.R. Hampton¹, C.L. Rothnie¹, D. J. Spring¹, T. H. Pohlman¹, E. D. Verrier¹,*
¹University of Washington School of Medicine - Seattle, WA, ²Eisai Research Institute -
³Mie University School of Medicine -Tsu, Japan, ²Eisai Research Institute, Wilmington, MA

P4. PHARMACOLOGICAL CEREBRAL CAPILLARY BLOOD FLOW IMPROVEMENT AFTER DEEP HYPOThERMIC CIRCULATORY ARREST: AN INTRAVITAL FLUORESCENCE MICROSCOPY STUDY IN PIGS
L. Ben Mime¹, S. Arnhold² J. Easo¹, J. H. Fischer³, G. Bennink¹, E. R. de Vivie³,
U. Mehlhorn¹, M. Suedkamp¹
¹Cardiothoracic Surgery, University of Cologne - Cologne, Germany, ²Department of Anatomy, University of Cologne - Cologne, Germany, ³Experimental Surgery, University of Cologne - Cologne, Germany

* WTSA Member
P5. **Growth of the Pulmonary Autograft: The Proof is in Another Dimension**
F. G. Scholl, F. Wong, M. Mulloy, M. Ailawadi, P. Chang, A. Kavanaugh-McHugh, D. C. Drinkwater*
Vanderbilt University Medical Center - Nashville, TN

M. Brenner¹, N. M. Hanna¹, D. Saltzman¹, D. Mukai¹, N. El-Abbadi¹, H. Beydoun¹, J. Milliken²,* W. Jung¹, S. Guo¹, Z. Chen¹
¹University of California, Irvine, Beckman Laser Institute - Irvine, CA, ²University of California, Irvine, Medical Center - Irvine, CA

P7. **Time-Resolved 3D Magnetic Resonance Velocity Mapping Of Aortic Outflow In Volunteers And Patients After Valve Sparing Aortic Root Replacement**
Stanford University - Stanford, CA

P8. **Procedure Rates and Outcomes of Coronary Revascularization Procedures in California and New York**
J. S. Carey¹,* J. P. Gold², S. J. Rossiter,³ B. Danielsen³
¹California Society of Thoracic Surgeons - Torrance, CA, ²Albert Einstein College of Medicine - Bronx, NY, ³Health Information Solutions - Sacramento, CA

8:30 am

**SCIENTIFIC SESSION**

(10 minutes presentation, 10 minutes discussion)
Haku/Pikake Rooms

Moderators: Richard I. Whyte
Robbin Cohen

†16. **Allopurinol/Uricase and Ibuprofen Enhance the Restorative Effect of Cardiomyocyte-Enriched, Human Embryonic Stem Cells Following Myocardial Injury**
T. Kofidis¹, R. Swijnenburg¹, D. R. Lebl¹, J. L. DeBruin¹, J. M. Greve², J. Gold¹, C. Xu³, R. C. Robbins¹*
¹Stanford University Medical School - Stanford, CA, ²Stanford University Medical School/Department of Radiology - Stanford, CA, ³Geron Corporation - Menlo Park, CA

17. **Treatment of High-Risk Patients with Non-small Cell Lung Cancer Using Radiofrequency Ablation**
H. C. Fernando, A. de Hoyos, R. J. Landreneau, M. Alvelo-Rivera, P. O. Buenaventura, N. A. Christie, P. F. Ferson, J. D. Luketich
University of Pittsburgh - Pittsburgh, PA

18. **Emergency Endovascular Interventions for Acute Thoracic Aortic Rupture: 4 Year Follow Up**
M. Doss, J. Balzer, H. G. Fieguth, G. Wimmer-Greinecker, A. Moritz, J. W. Goethe
University Frankfurt - Frankfurt am Main, Germany

† Samson Resident Prize Essay
* WTSA Member
19. Cerebral Monitoring Using Transcranial Doppler Ultrasound Improves Neurologic Outcome During Repairs of Acute Type A Aortic Dissection
University of Texas at Houston Medical School, Memorial Hermann Hospital - Houston, TX

9:50 am COFFEE BREAK – VISIT EXHIBITS, Plumeria/Maile Rooms

10:10 am

SCIENTIFIC SESSION (cont.)

(10 minutes presentation, 10 minutes discussion)
Haku/Pikake Rooms
Moderators: John C. Chen
Douglas E. Wood

†20. Adenosine A2A Receptor Activation Reduces Inflammation and Preserves Pulmonary Function in an in-vivo Model of Lung Transplantation
University of Virginia - Charlottesville, VA

21. Bipolar Radiofrequency Ablation of Atrial Fibrillation
The Cleveland Clinic Foundation - Cleveland, OH

22. Comparison of Standard Maze III and Radiofrequency Maze Operations for Treatment of Atrial Fibrillation
LDS Hospital - Salt Lake City, UT

11:10 am C. Walton Lillehei Point/CounterPoint Session
Haku/Pikake Rooms
Atrial Fibrillation Ablation Should Be A Catheter-Based Procedure
Moderator: Donald B. Doty
Pro: Michael Lesch
Con: A. Marc Gillinov

12:00 am ANNUAL BUSINESS MEETING (Members Only)
Haku/Pikake Rooms

12:30 pm Luncheon, Luau Gardens

7:00 pm PRESIDENT’S RECEPTION AND BANQUET
Aulani Foyer and Ballroom

† Samson Resident Prize Essay
* WTSA Member
SOCIAL PROGRAM
(INCLUDED IN REGISTRATION FEE)

Included in the registration fee for spouses/guests will be the New Members’ Reception on Wednesday evening, the Ancient Polynesia Theme Dinner on Thursday evening, the Saturday Luncheon, the President’s Reception and Banquet on Saturday evening and daily continental breakfast, served in the Exhibit Hall for meeting attendees, and in the Hospitality Suite for family members.

NEW MEMBERS’ RECEPTION
Wednesday, June 23 7:00 pm – 9:00 pm

Join us in welcoming our new members to the WTSA. The reception will be held in the Luau Gardens. Attendees will enjoy a large sampling of culinary treats from various food stations. Children are invited to begin their evening at the New Member’s Reception; from there, they will be taken to their own Welcome Reception, to be held at the Lokelani Ballroom. The Kid’s reception will be accompanied by a special Orientation and Walkabout to familiarize attending kids with each other and the Resort’s many activities. Additional cost of $35 per young person.

SAMSON FUN RUN
Thursday, June 24 6:00 am

Breathe in the scented tropical air and enjoy spectacular views of the Pacific Ocean at sunrise as you glide on foot through the Annual Samson Fun Run. Refreshments will be available at the Start/Finish line. The 5K Run is open to all physician attendees, spouses, guests, family members and exhibitor representatives, and pre-registration is requested. All participants will receive an official Samson Fun Run T-shirt at the finish line.

Prizes will be presented at the Saturday luncheon.

ANCIENT POLYNESIA THEME DINNER
Thursday, June 24 7:00 pm -10:00 pm

Travel back with us to ancient Polynesia, where you can watch firewalkers and Polynesian dancers court the Gods, play Hawaiian games, learn to make some of the traditional Polynesian crafts, behold the “live” volcano, and much, much more. The setting for this event will be the incredible rooftop Pacific Terrace with stunning 360-degree views of the island.

> The dress code for the meeting will be resort casual with the exception of the President’s Reception and Banquet, which will be Hawaiian Black Tie optional.
General Information

SATURDAY LUNCHEON  
Saturday, June 26  12:30 pm – 1:30 pm

Returning to the Luau Gardens, we’ll enjoy a Hawaiian barbecue where awards for the golf and tennis tournaments and the Fun Run will be presented. Registered physicians, spouses, guests, and family members are welcome.

PRESIDENT’S RECEPTION AND BANQUET  
Saturday, June 26  7:00 - 11:00 pm

The President’s Reception and Banquet will be held this year in the Aulani Foyer and Ballroom. Sign-up sheets for table assignment will be available in the registration area during registration hours. An incredible evening is planned with the exciting music and dance show of The Motor City Angels. The Motor City Angels are an extravaganza of high energy finger snappin’, rock and soul music, widely considered the hottest Corporate and Special Event music group available in Hawaii. Dress is Hawaiian black tie optional. Come prepared to dance!

Back at the Lokelani Ballroom, the traditional Kids’ Banquet is planned to include great food and fun activities under the supervision of Wailea staff. Older kids (12 years and above) are welcome to join the adult banquet at a cost of $55. The Kid’s Banquet (5-11 years) is charged at an additional cost of $35 per young person.

GOLF/TENNIS TOURNAMENTS  
(SEPARATE SUBSCRIPTION REQUIRED)

GOLF
The Annual Golf Tournament will take place on Friday, June 25, 2004 at 1:00 pm, spread across several of Wailea’s breathtakingly beautiful golf courses. Pre-registration is required with indication of handicap. $195 per person includes greens fees, box lunch, cart and prizes. NOTE: Non-metal spikes are required. Attendees should check in with the golf pro shop 15 minutes prior to scheduled tee time. The courses are a short (2-3 minute) drive away from the hotel. Transportation will not be provided.

TENNIS
The Annual Tennis Tournament will take place on Friday, June 25, 2004 from 2:00 - 5:00 p.m at the Wailea Tennis Club. Pre-registration is required with indication of level of play. $50 per person includes courts, refreshments and prizes.

FOR KIDS ONLY

Cowabunga Kids Camp  
The Cowabunga Kids Camp will be available for kids aged 5-12 from 9:00am – 2:00pm, Monday through Saturday, for $50 per child, per day. The mission of the Kids Club is to give the visiting children an opportunity to experience Hawaiian culture by providing a variety of exciting activities in educational venues. And of course, to have fun! Please sign up early on the enclosed registration form.

BABYSITTING
Below are a few babysitting options for children under the age of 5. These services have been recommended by the resort and can be contacted directly:

The Nanny Connection - (808) 875-4777  
thennannyconnection.com

Happy Kids - (808) 667-5437; (888) 669-1991 toll free  
happykidsmau.com

OPTIONAL TOURS/ACTIVITIES

**TO ENSURE TOUR AVAILABILITY, PLEASE REGISTER BEFORE FRIDAY, May 16th**

THURSDAY, JUNE 19, 2003  
Deluxe Snorkel Adventure  $ 100.00  Adults  
This group activity is offered on 6/24 (Thursday) only  
(16) years & under  $ 50.00

Enjoy an afternoon of snorkeling in the pristine waters off Maui. Snorkel with hundreds of fish so tame that you can feed them by hand. Snorkel instruction and all equipment provided. Deli lunch with soft drinks, water and juices included. Exclusive charter for WTSA only. Minimum 100 passengers / Maximum 130 passengers. Cancellation policy is 5/22/04 for full refund. Transportation provided via (52) passenger motorcoaches.

ADDITIONAL ACTIVITIES

Maui offers a wealth of activities without ever leaving the island (or at least not going too far out to sea). Please see the enclosed descriptions of the tours in which you can participate. In order to ensure a place on the tour of your choice, attendees are strongly encouraged to register for activities no later than May 15. You can do so easily by going to the WTSA Annual Meeting website and clicking on the link marked “Register for Tours and Activities”. In addition, there will be an onsite tour desk set up in the WTSA Registration area for onsite registration and any tour-related questions.
General Information

**TRAVEL INFORMATION**

Maui is served by Kahului Airport, a 16 mile, 25 minute drive from the Wailea Marriott Resort. American, United, Delta, American Trans Air, Hawaiian, and Aloha Airlines provide nonstop service between Kahului Airport and the Mainland. Hawaiian, Aloha and Island Air offer small commuter service between Maui and the other islands. Transportation from the airport is easily arranged via rental car, or taxi.

We have arranged discounted airfare through American Airlines. To take advantage of the discounts please call the American Airlines Group and Meeting Travel department at 1-800-433-1790 and refer to the **STARfile #7164AW**.

We have also arranged discounted car rental through Avis Rent a Car. Call 1-800-331-1600 and refer to **AWD #D005897**.

**REGISTRATION INFORMATION**

The Annual Meeting is open to all duly qualified physicians and guests. It is the policy of the Western Thoracic Surgical Association that all physicians and guests pay the full registration fee for the meeting.

**Two ways to Register!** Beginning this year, you can pre-register for the meeting online, via the Association’s website [www.westernthoracic.org/doc/5774](http://www.westernthoracic.org/doc/5774). For those not wishing to register online there is a form attached to this brochure; please complete the form and return with the appropriate fees to the Association’s Office by **Monday, May 31, 2004**. **EARLY BIRD DISCOUNT - REGISTER BY FRIDAY, MAY 14, 2004 TO RECEIVE $50 OFF STANDARD FEE.** After May 31st, participants may register onsite at the Wailea Marriott, Wailea, Maui, Hawaii.

**Tickets will be required for admittance to all social functions.**

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### SCIENTIFIC AND SOCIAL REGISTRATION FEES:

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<th>STANDARD</th>
<th>EARLY BIRD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(After 5/14/04)</td>
<td>(Before 5/15/04)</td>
</tr>
<tr>
<td>WTSA Member</td>
<td>$575.00</td>
<td>$525.00</td>
</tr>
<tr>
<td>Non-Member Physician</td>
<td>$675.00</td>
<td>$625.00</td>
</tr>
<tr>
<td>Invited Guest Physician</td>
<td>$575.00</td>
<td>$525.00</td>
</tr>
<tr>
<td>Resident*</td>
<td>$475.00</td>
<td>$425.00</td>
</tr>
<tr>
<td>Spouse/Guest</td>
<td>$450.00</td>
<td>$400.00</td>
</tr>
</tbody>
</table>

*Must present letter from Chief of Service

### Family Registration

<table>
<thead>
<tr>
<th>Ages 17-21</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>New Members Reception</td>
<td>$50.00</td>
</tr>
<tr>
<td>Thursday Ancient Polynesia Theme Dinner</td>
<td>$85.00</td>
</tr>
<tr>
<td>Saturday Lunch</td>
<td>$35.00</td>
</tr>
<tr>
<td>Saturday Night President’s Banquet</td>
<td>$55.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ages 12-16</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>New Members Reception</td>
<td>$50.00</td>
</tr>
<tr>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ages 5-11</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reception/Kids’ Orientation</td>
<td>$35.00</td>
</tr>
<tr>
<td>Thursday Ancient Polynesia Theme Dinner</td>
<td>$50.00</td>
</tr>
<tr>
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</tr>
<tr>
<td>Saturday Night Kids’ Banquet</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ages 4 &amp; Under</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N/C</td>
</tr>
</tbody>
</table>

### REGISTRATION FEE

The meeting attendee registration fee includes the New Members Reception on Wednesday evening, Ancient Polynesia Theme Dinner on Thursday evening, Saturday Luncheon, and President’s Reception and Banquet on Saturday evening, plus daily continental breakfasts and coffee breaks.

Family registration fee is per person and offers the following optional events: Wednesday Evening Reception/Kids’ Orientation, Thursday Ancient Polynesia Theme Dinner, Saturday Luncheon, President’s Reception and Banquet OR Kids’ Banquet on Saturday evening, and daily continental breakfast in the Hospitality Suite. **All children in attendance should be registered.**
PAYMENT INFORMATION

Registration fees may be made by check, Visa, MasterCard or American Express only.

Check Payment: Checks should be made payable to the Western Thoracic Surgical Association and must be in U.S. dollars and drawn on a U.S. bank.

Credit Card Payment: Visa, MasterCard and American Express only. Please complete the credit card information including card number, expiration date, name on card and signature to authorize charges to your credit card.

REGISTRATION / CANCELLATION DEADLINE

The deadline for pre-registration is Monday, May 31, 2004. All requests for cancellations and refunds must be received in writing by June 7, 2004 and will be subject to a $50.00 administrative fee. No refunds will be made after June 7, 2004.

HOTEL ACCOMMODATIONS

Wailea Marriott
3700 Wailea Alanui
Wailea, Maui, Hawaii 96753-8332
PHONE: 800-367-2960, FAX: 808-874-8331
www.marriottthawaii.com/marriott-wailea.html

Experience the finest tradition of Hawaiian hospitality on the Island of Maui. From the moment you arrive, sweeping views of the blue Pacific and lush gardens lure you into the beauty of this spectacular oceanfront setting. During your Hawaiian vacation, relax in guest rooms that provide a peaceful haven for leisure moments. Dine in casual surroundings at Hula Moons Restaurant, Mele Mele Lounge and poolside Kumu Bar & Grill. And create the vacation of your dreams at the championship golf courses, world-renowned Mandara Spa, and the elegant Shops at Wailea.

ROOM RESERVATIONS

On behalf of the Western Thoracic Surgical Association, a block of rooms has been reserved at Wailea. The special meeting rates range as follows:

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ocean View Room</td>
<td>$195</td>
</tr>
<tr>
<td>Ocean Front Room</td>
<td>$205</td>
</tr>
<tr>
<td>One Bedroom Maui Suite</td>
<td>$330</td>
</tr>
<tr>
<td>Two Bedroom Deluxe Suite</td>
<td>$455</td>
</tr>
</tbody>
</table>

* Rates do not include 11.41% tax/assessment. There are no resort fees, just the separate fees for porterage ($7.25 roundtrip per person), golf bags ($3.00 per bag), and housekeeping fees (optional). Valet parking is $5.00 per day, which can be applied to the guestroom. Self-parking is still free.

Reservations must be accompanied by a deposit equal to one night of stay in the form of check or major credit card. Reservations must be received by Wailea no later than Wednesday, May 19, 2004, or until all rooms in the block have been sold, which may be before the cut-off date. To ensure availability of accommodations at the special group rate we urge you to send in your reservation early. Reservations received after the May 19, 2004 deadline will be on a space available basis and may not necessarily be at the reduced rate.

Check-In Time: 3:00 pm
Check-Out Time: 12 noon

CANCELLATIONS

Cancellations 15 days or more prior to arrival will be issued a full refund. Reservations cancelled within 15 days of arrival will forfeit the one-night deposit.

SPECIAL NEEDS

If you require special accommodations or services, please indicate so by checking the line on the registration form, or contact the Association’s Administrative Office at (978) 927-8330.
Written requests for cancellation and refunds must be received by June 7, 2004 and will be subject to a $50 administrative fee. No refunds will be possible after this date.

NAME:

INSTITUTION:

ADDRESS:

CITY: STATE: ZIP:

TELEPHONE: FAX: Email

NAME OF SPOUSE/GUEST (Only if registering):

NAMES OF FAMILY REGISTRANTS: (List name and age of each child who will be in attendance)

Registration is now open. Register using one method only. Internet: www.westernthoracic.org (credit card payments only) Fax: (978) 524-0498 (credit card payments only) Mail: WTSA, 900 Cummings Center, Suite 221-U, Beverly, MA 01915 (checks)

PAYMENT INFORMATION (online registration use credit cards only)

☐ CHECK Made Payable to WTSA
☐ Credit Card: ☐ VISA ☐ MasterCard ☐ American Express

Credit Card Number: Exp. Date:

Name on Card: Signature:

2004 WTSA PRE-REGISTRATION

<table>
<thead>
<tr>
<th>1. WTSA Member</th>
<th>STANDARD (after 5/14)</th>
<th>EARLY BIRD (before 5/15)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$575</td>
<td>$525</td>
</tr>
</tbody>
</table>

| 2. Non-Member Physician | $675 | $625 |
| 3. Invited Guest Physician | $575 | $525 |
| 4. Resident* | $475 | $425 |
| 5. Resident* (Scientific Session Only) | N/C | N/C |
| 6. Spouse/Guest | $450 | $400 |

* Must present letter from Chief of Service

FAMILY REGISTRATION

Ages 17-21

| 7. New Members’ Reception | $50 | $ |
| 8. Thursday Theme Dinner | $85 | $ |
| 9. Saturday Lunch | $35 | $ |
| 10. President’s Banquet | $55 | $ |

> Registration Form Continued on Back
### Ages 12-16

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Age Range</th>
<th>Price</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>11</td>
<td>New Members' Reception</td>
<td>12-16</td>
<td>$50</td>
<td>$</td>
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<tr>
<td>12</td>
<td>Thursday Theme Dinner</td>
<td>12-16</td>
<td>$85</td>
<td>$</td>
</tr>
<tr>
<td>13</td>
<td>Saturday Lunch</td>
<td>12-16</td>
<td>$35</td>
<td>$</td>
</tr>
<tr>
<td>14</td>
<td>President’s Banquet</td>
<td>12-16</td>
<td>$55</td>
<td>$</td>
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### Ages 5-11

<table>
<thead>
<tr>
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<th>Description</th>
<th>Age Range</th>
<th>Price</th>
<th>Amount</th>
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<tbody>
<tr>
<td>15</td>
<td>Reception/Kids’ Orientation</td>
<td>5-11</td>
<td>$35</td>
<td>$</td>
</tr>
<tr>
<td>16</td>
<td>Thursday Theme Dinner</td>
<td>5-11</td>
<td>$50</td>
<td>$</td>
</tr>
<tr>
<td>17</td>
<td>Saturday Lunch</td>
<td>5-11</td>
<td>$20</td>
<td>$</td>
</tr>
<tr>
<td>18</td>
<td>Kids’ Banquet</td>
<td>5-11</td>
<td>$35</td>
<td>$</td>
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</table>

### Ages 4 & Under

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Age</th>
<th>Price</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>19</td>
<td>Reception/Kids’ Orientation</td>
<td>N/C</td>
<td>N/C</td>
<td>$</td>
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</table>

### Optional Activities/Tours

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Date</th>
<th>Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>Adult Cardiac Breakfast Session</td>
<td>Friday, June 25</td>
<td>$45/person</td>
<td>$</td>
</tr>
<tr>
<td>20</td>
<td>General Thoracic Breakfast Session</td>
<td>Friday, June 25</td>
<td>$45/person</td>
<td>$</td>
</tr>
<tr>
<td>21</td>
<td>Congenital Heart Disease Breakfast</td>
<td>Friday, June 25</td>
<td>$45/person</td>
<td>$</td>
</tr>
<tr>
<td>22</td>
<td>Deluxe Snorkel Adventure</td>
<td>Thursday, June 24 - 1:30-5:30 pm</td>
<td>$100/adult</td>
<td>$</td>
</tr>
<tr>
<td>23</td>
<td>Cowabunga Kid's Camp</td>
<td>Monday - Saturday, 9am - 12pm</td>
<td>$50 per day/child (5-12 yrs)</td>
<td>$</td>
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</tbody>
</table>

### Golf Tournament

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Name of Participant/Handicap/Index</th>
<th>Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>Golf Tournament</td>
<td></td>
<td>$195 per person</td>
<td>$</td>
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</table>

### Tennis Tournament

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Name of Participant/Level of Play</th>
<th>Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>Tennis Tournament</td>
<td></td>
<td>$50/person</td>
<td>$</td>
</tr>
</tbody>
</table>

**Total Amount Enclosed** $_______

**Pre-Registration Deadline is May 31, 2004 - Early Bird Deadline is May 14, 2004.**
Western Thoracic Surgical Association                      June 23–26, 2004

Name:

Address:

City: State: Zip :

Telephone No.: Fax No.: 

Credit Card Type: Card Number: Exp. Date: 

E-mail:

<table>
<thead>
<tr>
<th>ARRIVAL</th>
<th>DEPARTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATE</td>
<td>TIME</td>
</tr>
</tbody>
</table>

Sharing Room With:
(If children, list names and ages)

Special Requests:  □ King Bed  □ Double Bed  □ Smoking  □ Non-Smoking

<table>
<thead>
<tr>
<th>ACCOMMODATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHECK IN TIME: 3:00 PM          CHECK OUT TIME: 12:00 NOON</td>
</tr>
</tbody>
</table>

SPECIAL GROUP RATES

- □ $195 Ocean View
- □ $205 Ocean Front

• All rates are subject to Hawaii General Excise & Accommodations Tax, which is currently 11.41%.
• Special group rates will be offered for the dates of June 16 - 30-2004; based on availability.

RESERVATIONS: A minimum one (1) night’s deposit required. All reservation requests should be accompanied with a deposit in the form of a company or personal check made payable to the Wailea Marriott; or a valid credit card number. All requests for reservations received after MAY 19, 2004 will be subject to availability.

CANCELLATION: Must be received by the hotel 15 days prior to arrival date to receive full refund on the deposit.

OCCUPANTS IN A ROOM/ ROLLAWAY CHARGE: Maximum occupants to a room are (4). No charge for children 17 years of age & under utilizing existing bed space. If a rollaway is required, the additional charge would be $40USD + tax per day. Rate based on double occupancy. There is a charge of $40USD + tax per day per additional adult occupying the room (if more than 2 adults will occupy the room). Bedding type cannot be guaranteed but requested.

FAX Completed Form to the Hotel at (808) 875-4878
E-mail: owr.reservations@waileamarriott.com
Toll Free Reservations Line: 800-367-2960
Aloha and welcome to the Wailea Marriott. With so much to see and do on Maui, the Activities staff will help you make the most of your precious time. Please keep in mind that all tours and activities must be booked in advance. Please call the group coordinator, Reba at (800) 718-4708 for questions. You may fax the registration form to (808) 661-0448 or email it to reba.bam@verizon.net.
(A) Sea Cave Rafting & Snorkel Adventure
Kanaio Coast
$88.54 Adults - $78.13 Children ages 4-12
The Kanaio Sea Caves... Passengers can expect a rare treat as they tour along Maui's Gold Coast past Wailea and Makena to a remote and inaccessible coastline with spectacular views of the slopes of Mt. Haleakala. About 200 years ago at Kanaio, molten lava exploded from a side vent and poured into the ocean forming incredible lava arches, grottos and sea caves. The experience of entering a sea cave by raft and witnessing dolphins playing in their natural habitat can't be missed! Four hour rafting adventure, deli lunch, beverages and snorkel gear. Guest to bring towels and sunscreen. No pregnant women or persons with bad backs. Minimum age is four years old. Departs daily from Kihei Boat Ramp daily at 6:45 am -11:00 am tour. Transportation not included.

(B) Submarine Ride
$83.87 Adults - $41.41 Children 0-12
This 46 passenger, air-conditioned submarine dives down to 120 feet in order to show you the marine life for which Hawaii is famous. On the 45 min. dive, enjoy the excitement of being on a real submarine. Children must be a minimum of 3 ft. tall. 10am, 10:30am, 12:00pm & 2:00pm tours daily. Transportation not included. Please request transportation from the WTSA Hospitality Desk to arrange for transportation.

(C) Deep Sea Sport Fishing Charter
$143.33 per person
Grab a reel and catch the big one, as you fish the "hot spots" of one of the best deep sea fishing locations in the world. Hawaiian water fish include Marlin, Ahi (Yellow Fin Tuna), Ono (Wahoo), Mahi Mahi and Aku (Bonito). Bait and ice provided. Lunch and beverages not provided. Please request lunch and beverages through hospitality desk. Six-person maximum. Transportation not included.

(D) Hana Picnic Tour
$139.58 per person
View glistening waterfalls, exotic tropical flora and lava sea cliffs through panoramic windows. Continental breakfast and scrumptious picnic lunch elegantly served at one of Hana's black sand beaches. Share the beauty of Hana with guides that call it home. See all of Maui with its unforgettable hidden valleys, rugged coastline with spectacular views of Haleakala Crater, Seven Pools and the Hana Rain Forest. (alternate roués may apply due to weather) combined with excellent views, as you coast all the way to sea level. Tours include round-trip transportation, riding attire, breakfast, and instruction. Restricted for pregnant women. Transportation provided.

(E) Rainforest Waterfalls Hike
$110.00 per person
Hike into an impressive canyon through a lush forest to triple cascading waterfalls. Swim in crystal clear streams in a truly magical environment. Walk through a cool bamboo forest surrounding ancient taro fields. Includes lunch, bottled water, daypacks and water shoes. Wear swimsuit under shorts and short-sleeved shirt. Wear athletic shoes or sport sandals and bring towels. Available daily. Hotel pick up at 12:30 pm - 5:30 pm.

(F) Horseback Riding
$125.00 per person
You will be matched with a well-groomed mount, appropriate to your level of experience, from individually selected horses, and escorted by an experienced guide on a scenic, narrated, unforgettable ride through some of Maui's remote countryside. Enjoy the easy-going 2 hour ride to Maui's last lava flow. Wear long pants and closed toe shoes. Restricted to pregnant women, people with neck or back problems and children under 13. Weight limit 210 pounds. 8:00am-11:00am Mon-Sat. Transportation not included.

(G) Sunrise Downhill Bike Tour
$120.00 13 and up - $79.00 van ride 12 & under
Ascend the 10,023 feet of Haleakala's summit in order to see one of the most beautiful sunrises on earth. Then, enjoy a 38-mile bicycle tour that is all downhill! Glide through several climate zones, with incredible views, as you coast all the way to sea level. Tours include round-trip transportation, riding attire, breakfast, and instruction. Restricted for pregnant women. Transportation provided.

(H) Hana/Haleakala Helicopter Tour
$206.18 per person
View Maui in comfortable helicopter with air-conditioning, stereo headphones, and state-of-the-art video equipment. (45-50 minutes). See Haleakala Crater and the beautiful Hana rainforest in the best way possible, by air. Passengers weighing over 250 lbs. must purchase and additional seat at $206.18 per person. Various times daily, 6-person maximum. Transportation not included.

(I) Zipline Haleakala
$71.87 Zip Tour – 12 and up
Imagine yourself soaring over gulches and through the trees along the slopes of one of the world's largest volcanoes. The tour starts with a walk through the woods in beautiful upcountry Maui, then gets your heart pumping as you sail across each zipline and get a bird's eye view of the seasonal waterfalls and vegetation below. Leaving from Haleakala Ranch Outpost, tour length is 1 – 2 hours, depending upon group size. 10:00am, 12:00pm, 2:00pm. Closed toe shoes required, weight limit between 80-300 lbs. 10% of all profits go toward preserving Hawaii's land and culture. Transportation not included.

(J) Circle Island Deluxe (60 minutes)
$245.00 per person
Explore the Valley Isle in its entirety! Take in the highlights of West Maui, Honokohau Falls and the resorts of Kaanapali and Lahaina (alternate roués may apply due to weather) combined with excellent views of Haleakala Crater, Seven Pools and the Hana Rain Forest. See all of Maui with its unforgettable hidden valleys, rugged coastline, prehistoric like jungle vegetation and spectacular vistas. Passengers weighing over 250 lbs. must purchase and additional seat at $245.00 per person. Various times daily. (6) person maximum. Transportation not included.
(K) Arizona Memorial – USS Missouri
One Day Tour
$266.05 per person (LC) - $229.17 (3-11) yrs. old
(L-1) Round Trip Transfer to Airport $31.25 per person
Re-live a "monument in history" with this visit to Pearl Harbor, The Arizona Memorial and Visitor Center. Next, tour the battleship USS Missouri where the armistice ending WWII was signed. Also tour the City of Honolulu and see the serene National Memorial Cemetery of the Pacific at Punchbowl. You'll enjoy spectacular views from the famed Nuuanu Pali Lookout and marvel at the rainforest surrounding Nuuanu Pali Drive. Round trip airfare included. 4:45 a.m. pick up from group entrance of resort. 7:00 p.m. return to group entrance of resort. Please bring picture identification and travel lightly. Transportation available on request as stated above.

(L) Hana Sky Trek
$248.96 per person
Combine a 40-minute Helicopter tour of Haleakala Crater and the Hana rainforest with a deluxe 3 – 3 1/2 hour limo-van tour. See it all from the air and then land in Hana to swim in a waterfall and walk on a black sand beach. A gourmet picnic lunch, including smoked chicken and pasta salad, is served on china and linen. Half-day sky trek tours: 7:00am - 1:00pm or 11:15am - 5:30pm daily. Passengers weighing over 250 lbs. must purchase additional seat at _ price. Transportation not included.

(M) Outrigger Wailea Luau
$72.86 Adults - $33.33 Children 6-12
$Free ages 5 & under
Held oceanfront at the resort’s Luau Gardens, festivities begin with the Imu Ceremony at sunset. Enjoy an unforgettable evening that includes a lavish Hawaiian buffet, open bar with tropical cocktails, colorful Polynesian revue, and exciting finale by three-time world-champion fire-knife dancer Ifi So'o. Seating at 4:30pm, luau show time from 5:00pm-8:00, Mon-Tues & Thurs-Fri. No transportation needed.

(N) Ulalena Show
$60.42 Adults - (OC) $39.58 Children 12 and under
Ualalena is a fabulously unique theatrical experience staged at the Maui Myth & Magic Theater in historic Lahaina. Interwoven with original music, song, authentic Polynesian dance, acrobatics and performed by an international cast. Ulalena artfully weaves together the powerful images of Hawaiian mythology and history into a celebration of nature and the spirit of the human imagination. One show nightly at 6:00pm. Premier seating. Not available Sunday & Monday. Transportation not included.

(Q) Turtle Project
$80.00 per person
The turtle project is for kids and their parents who want to study an endangered species, the Hawaiian Green Sea Turtle. Your snorkel guide will be a marine biologist who studies sea turtles. You will snorkel with the turtles, and see a turtle cleaning station. Snorkel equipment and an underwater camera is provided. Photograph turtles swimming on the coral reef, study turtles as they surface to breath! Kids leave the project with a teaching kit so that they can teach other kids about turtles. Minimum of 8 persons / Maximum of 16 persons. Adults must accompany children. Offered 6/23 & 6/24 from 9:00 am to Noon. Meet at the Beach Center.

Specialized Family Activities

(P) Hawaiian Underwater Colors
$75.00 per person
Hit The Beach!
Join the Ocean Project and learn about the underwater world her in Maui. A marine biologist will be your snorkel guide. Study butterflyfish, Snorkel equipment & an underwater plastic camera is provided to photograph a humuhumunukunuku a pua’a, see parrotfish up close, hold a sea urchin! Kids receive a science kit that they can teach others about the coral reef. Minimum of 8 persons / Maximum of 16 persons. Adults must accompany children. Offered 6/23 & 6/24 from 9:00 am to Noon. Meet at the Beach Center.

PRICES ARE SUBJECT TO CHANGE PENDING Confirmation. All activities above are 2003 prices. Prices for 2004 are not published and will be available at the time of booking. A 72-HOUR CANCELLATION POLICY IS REQUIRED. ALL TOURS INCLUDE HAWAII STATE TAX AND HARBOR FEES IF APPLICABLE.