



The
84th Annual Meeting
of the
Academy of Prosthodontics

2002

Registration Information

Portland, Oregon
Downtown Marriott
May 2-6, 2002

AP ANNUAL MEETING 2002

PORTLAND, OREGON DOWNTOWN MARRIOTT

MAY 2-6, 2002

THINGS TO DO IN PORTLAND

Rose and Oriental Garden Tours
Columbia Gorge Interpretive Ctr
Timberline Lodge Ullman Hall
Wildflower and Waterfall Hiking
Mountain Bike Down Mt. Hood
River Boat Dinner Dance Cruise
Oregon Museum Science Industry
Premiere Shopping
Portland Art Museum
Winningstad Theatre
Cooking Classes
Pittock Mansion
Oregon Zoo
Golfing
Antiquing
Driftboat Fishing
White River Rafting
Windsurfing Lessons
Sea Kayak Lessons
Horseback Riding
Metro Helicopter
Winery Tours
Pub Crawl

Visit these websites:

www.academyprosthodontics.org

www.pova.org

www.gorgetours.com

Scientific Program Purpose



President R. Grisius
Potomac, MD

On behalf of the Scientific Program and the Local Arrangements Committees, we welcome you to Portland, Oregon and the 84th Annual Meeting of the Academy of Prosthodontics. The scientific program represents the efforts of many members of the Academy. This year will be particularly special as the first day is devoted to a presentation on the Neurobiology of Addiction. Spouses and guests are welcome to attend this presentation. The second day will highlight Prospective Implant Research investigating a variety of implant situations.

Additionally, an Evidence-Based Dentistry Continuum-Series IV has been arranged. We are in an era of technological revolution and as such have organized a program on Computerization and Dental Informatics. The scientific program also includes other interesting papers addressing Fixed and Removable Prosthodontics. We anticipate the highest level of presentation with many essays being moderated and discussed by Academy fellows.

The Local Arrangement Committee Chairs, John and Vangie Sorensen, have arranged several social events that you will want to participate in, so come earlier to take advantage of fishing, golfing and other local northwest attractions. Other official events include the Welcome Dinner, Japanese, Chinese and Rose Garden Tour, the Brewery Tour-Pub Crawl, the Columbia River Gorge-Mt. Hood Social Outing and the President's Reception and Installation Banquet. Additional activities will be highlighted by the Spouses Committee.

It is this unique combination of study, discussion, camaraderie and social interaction that creates a conducive environment for the advancement of both prosthodontic education and those professionals involved in its development.

Come to Portland and be part of it!

Continuing Education Credit



The Academy of Prosthodontics is an ADA CERP recognized provider of continuing education credit. The 84th AP Annual Meeting is designed with four morning sessions from Friday through Monday with over 16 credit hours available.

Scientific Program Committee

Dr. George A. Murrell, Chair

Dr. Thuan Dao

Dr. Rhonda F. Jacob

Dr. William E. Kotowicz

Dr. Charles Goodacre

Dr. Howard M. Landesman

Dr. George A. Zarb



Dr. George Murrell
Rolling Hills, CA

SPECIAL SESSION

THE NEUROBIOLOGY OF ADDICTION

FRIDAY MAY 3, 2002

Presiding: Dr. Charles Goodacre

Dentists are affected not only by disease in their patients and colleagues but also by being personally vulnerable to the genetics and sociology of addictive disease. This morning session will look first at the biochemistry and neuroanatomy of the disease. Its biological underpinnings must be understood to better relate to the social, physical, relational and spiritual tragedies that occur. The dental profession is beginning to manage the problem through organized bodies, which can provide an environment of healing. The first part of the session will be presented by Drs. Hooker and Vixie and they will bring scientific rigor to our working knowledge of addiction as well as observations that illustrate the possibilities.

In addition, dental practitioners are not immune to the explosion of sexual addiction, including patient exploitation and dysfunctional internet excesses. Dr. Sealy brings particular experience and understandings of the disease process as it is seen in this often hidden aspect of professionals' lives. This program will help dentists understand and experience the joy of healing that is possible for all of us through personal accounts and understanding of this disease. This presentation is particularly prepared to include spouses, guests and members.



The Neurobiology of Addiction: Is Addiction a Serious Problem in Dentistry?

Dr. William Hooker
Loma Linda, CA



A Personal Story: An Impaired Dentist-from Active Disease to Recovery

Dr. Curtis Vixie
Susanville, CA



Are There Other Addictions to Address?

Dr. John Sealy
Torrance, CA

HOSPITALITY SUITE

We encourage all spouses and guest companions to visit the Academy's Hospitality Suite in the Columbia Room on the Lobby floor. Renew acquaintances and meet new friends over coffee and Danish. Special presentations have been scheduled at the beginning of each day.

Friday

The POVA will present on
"Things to do while in Portland"

Saturday

Christina Wiens, BA
"Women and Investing"

Sunday

Karen Koka, BA, MA, MILS
"Preserving Family Records"

Monday

Daniel Myhsin, JD
"The Bill of Rights, Why a 200
year old document is relevant in
the age of International Terrorism"



The Pittock Mansion

Scientific Session

FRIDAY MAY 3, 2002

Presiding: Dr. Charles Goodacre



Dr. Antonio Bello
Mexico City, Mex

Ceramic Implant Abutments

The restoration of dental implants in everyday prosthodontic practice is highly dependent on the expectation of the practitioner. The abutments available today vary from one manufacturer to another, and each company offers their own as the best choice available. The goal of this presentation is to discuss the behavior of three different ceramic abutments after fatigue testing.



Dr. Ana Diaz-Arnold
Iowa City, IA

The Impact of Saliva on Patient Care

The presence of saliva is critical for dental health. Xerostomia is a frequent patient concern. This paper discusses salivary gland function and oral dryness. Causes, evaluation, and treatment will be presented. Emphasis is placed on critical review and understanding of the impact of salivary gland function in the prosthodontic practice.



Dr. Tom McGarry
Oklahoma City, OK

A Diagnostic Classification that Defines Partial Edentulism

A diagnostic classification of partial edentulism has been developed to help delineate specific criteria that defines partial edentulism into four levels. The four categories represent the least complicated to the most complex types of partial edentulism. Whereas there are innumerable diagnostic variables, this classification limits the criteria to four main aspects. The four overall levels represent the differing levels of knowledge and training necessary to successfully treat each patient. Potential benefits of the system include: (1) better patient care, (2) improved professional communication, (3) diagnostic codes for outcome assessment data, (4) appropriate insurance reimbursement based on complexity of care, (5) improved screening tool to assist dental school admission clinics, (6) simplified diagnostic aid to guide referral decisions for specialty care, (7) establishment of scope of practice for the specialty of Prosthodontics.



Dr. James C. Taylor
Ottawa, Ont

The Effect of Growth Factors on invitro Osteoclastic Resorption

Although autogenous bone continues to be recognized as the “gold standard” for implant site augmentation, researchers and dental surgical clinicians are further exploring the clinical application of allogeneous, xenogeneous and alloplastic materials, at times in combination with growth factors. This study investigates the effect of growth factors on the capacity of osteoclasts *in vitro* to resorb biomaterials currently used for implant site augmentation.



Dr. Christian Stohler
Ann Arbor, MI

Molecules Shape the Feeling of Pain

The pathogenesis of sensory, autonomic, motor and affective signs and symptoms associated with muscle pain will be described.

Evidence Based Dentistry: Series IV

Presiding: Dr. Ron Desjardins



Dr. Rhonda Jacob
Houston, TX



Dr. Alan Carr
Rochester, MN

Join the Education and Research **NOT READY FOR PRIME-TIME PLAYERS** as they follow a young woman through a maze of prosthodontic treatments rendered by well-intentioned practitioners of the day. As the speakers describe the progression of dental science, but the unfortunate demise of her dentition, many in the audience may recognize this series of “real-life (mis)-adventures as their personal déjà vu experiences. Despite efforts to obtain the best evidence of the day, clinicians may find themselves in an uncomfortable place ... that dimension between the known and the unknown, that dimension sometimes called the

Twilight Zone.



Dr. Sree Koka
Omaha, NE



Dr. Steven Eckert
Rochester, MN

Moderator: Dr. Roy Yanase

Fifty Years of Dentogenics

The term Dentogenics was neoterized in 1952 to describe a smile that reflected the patient's sex, personality, and age. This idea was introduced in the nineteenth century and fulfilled in the middle of the twentieth century. It is still the goal of the careful operator.



Dr. John Frush
Solvang, CA

An Update of Digital Photography

Digital photography is rapidly changing the way we document patient treatment. By using digital imaging we can visually communicate with patients, labs, referring dentists and other specialists faster and easier than ever before. The latest in digital cameras and related equipment will be discussed.



Mr. James R. Clark
Seattle, WA

Giving a Digital Media Presentation

The digital age has made a remarkable transformation of our methods of presenting scientific material. This presentation will show, by the utilization of digital media method, how we can clearly enhance the communication, delivery and the message of a scientific presentation.



Dr. Chris Marchack
Pasadena, CA

Standards for Dental Informatics

Information technology is now a major aspect of the dental practice. The practitioner is now in a position where he or she is required to evaluate newer technologies that have very little to do with the actual “clinical practice” of dentistry. How do you evaluate these newer technologies? Do practice management systems actually manage? Is there such a thing as the interoperable electronic health record?



Dr. Robert Ahlstrom
Reno, NV

Scientific Session

SUNDAY MAY 5, 2002

Presiding: Dr. William Laney

Implant Prosthodontic Management of Partial Edentulism: The Toronto Experience

Osseointegrated implant-supported prostheses were originally prescribed for edentulous patients and introduced to North American clinical educators in 1982. This biotechnological breakthrough offered scope for a lateral move from exclusive management of the edentulous predicament to an expansion into the partially edentulous one. The management of partially edentulous patient's presents site specific and esthetic challenges. This series of short papers report on the long-term treatment outcomes of consecutively treated patients with partial edentulism – single tooth, anterior, posterior and the aging patient – in the Implant Prosthodontic Unit at the University of Toronto. They are presented as a continuum in order to underscore the merits of a comprehensive approach to treatment outcomes in implant prosthodontics. Dr.Thuan Dao will moderate.



Anterior Implants

Dr. John Zarb
Toronto, Ontario



Posterior Implants

Dr. Nikolai Attard
Toronto, Ontario



Single Tooth Implants

Dr. Francine Albert
Toronto, Ontario



Implants in the Elderly

Dr. Ross Bryant
Vancouver, BC



Dr. Lisa Lang
Denver, CO

What is Preload?

Preload is described as a major factor in the stability of a screw joint. However, a true understanding of preload and its impact on the implant system often eludes us. When the tightening load is applied to the screw in order to achieve a compressive force to clamp the implant components together, what is the result of this action? When we tighten a screw to its optimum torque, does it result in any internal stress in the system prior to externally loading the implant? And what, if any impact does this have on the bone to implant interface?



Dr. Stephen Parel
Dallas, TX

The Novum Implant System

Current literature supports the trend towards immediate loading of mandibular implants for full-arch reconstruction. While there are many options for achieving a restoration in periods from one to several days, most result in the initial delivery of a provisional prosthesis or require an accelerated laboratory and clinical phase to achieve a final result. The Novum System, which is based on a precise surgical protocol and prefabricated prosthetic components, allows a definitive restoration to be completed in a working day using a relatively simple prosthetic protocol.



Dr. Oded Bahat
Beverly Hills, CA

Three Dimensional Bone Reconstruction: Success or Failure

Surgical procedures have the inherent potential of success and failure. This presentation will provide data for 67 patients totaling 289 implants. All were reconstructed with ceramometal restorations and were subsequently loaded for a period of 1-8 years. Prerequisites for successful outcomes and a range of complications will be discussed.



Dr. Clark Stanford
Iowa City, IA

The Implant-body Biological Handshake

Recent evidence indicates that bone tissue is very sensitive to the surface topography and that how cells orient to this surface leads to changes in the genes guiding the differentiation of bone at an implant interface. Recent findings from ongoing studies will be put into context with emerging ideas and techniques to measure the clinical impact of implant surface designs.

Presiding: Dr. Charles Bolender

Clinical Considerations for Structurally Compromised Teeth

The structurally compromised tooth is a common problem to deal with in clinical dentistry. Patients can present with different challenges in restoring their dentition due to the etiologic factors or severity of the loss of tooth structure. Today, where implants can help in many of these situations, we may be more apt to replace a compromised tooth with an implant than to rebuild it with dowel and core restorations. However, defining this point can be difficult and may not be in the patient's best interest. This presentation is designed to present current research on the restoration of these compromised teeth in order to help our patients receive predictable reconstruction of their dentitions.



Dr. Keith Phillips
Seattle, WA

Prosthetic versus Surgical Management of Ridge Deficiencies

The loss of alveolar ridge contour compromises functional esthetics and phonetics on our patients. Maintaining predictability and esthetic results impose great challenges to the dental team. Mild to moderate defects can be corrected by bone and connective tissue grafting but may not establish ideal anatomy to establish position as well as gingival and tooth symmetry. Surgical and prosthetic guidelines will be discussed including the use of surgical templates, provisional restorations, treatment sequencing, treatment wax-ups, and gingival ceramics materials to treat ridge deficiencies.



Dr. Ken Malament
Boston, MA

Dynamic Fatigue Testing of a Bilaminate Dental Ceramic

A great deal of attention has been paid to the optical and strength properties, and accuracy of fit of all-ceramic dental restorations. However, the mechanisms for clinical failure remain largely uninvestigated. There are only a few retrieval studies of all-ceramic restorations that failed while in service, and because of this, the ability to extrapolate the results of laboratory testing to clinical failure mechanisms has not been commonly demonstrated. The biaxial ring-on-ring test has been shown to reproduce the clinical failure mode and failure origin of In-Ceram restorations. However, the susceptibility of In-Ceram restorations to slow crack growth by "dynamic fatigue testing" using a biaxial ring-on-ring fixture and its effect on failure mode/origin has not been investigated.



Dr. Geof. Thompson
Chicago, IL

Effect of Design Modifications on the Rigidity of U-Shaped Palatal Major Connectors

A rigid framework is necessary if an RPD is to uniformly distribute forces between the abutment teeth and supporting mucosa. The U-shaped palatal major connector is the least rigid of the commonly used maxillary major connectors. This presentation will report the results of a research project that investigated how changing the width, thickness, or shape affected the rigidity of the tested frameworks.



Dr. Lawrence Green
Ft. Benning, GA

Prosthetic Management of Anodontia Related to Ectodermal Dysplasia

Patients with ectodermal dysplasia present to our offices frequently requiring comprehensive treatment to manage partial or complete anodontia. These patients also present with associated problems including midface deficiency, limited inter-occlusal space, loss of occlusal vertical dimension and hard and soft tissue defects. Treating patients with ectodermal dysplasia is a long-term process, which often begins as early as age 3, and continues until definitive treatment can be completed in the late teenage years. The complex nature of the problems these patients present with necessitate comprehensive treatment involving a team of specialists. The team should include a prosthodontist, general dentist, oral and maxillofacial surgeon, and likely a periodontist. This presentation will outline the treatment process for patients with anodontia related to ectodermal dysplasia.



Dr. Jamie Kaukinen
Victoria, BC

Event Information

Please fill in your name on the **Registration Form**, as you would prefer it on your name badge. Also include telephone numbers and e-mail addresses in case we have any questions regarding your registration information. A return envelope is enclosed for your convenience. Listed below are the planned events. The bold letter preceding each event corresponds to the letter on the registration form. Please note that there are additional Spouse/Companion events available, many of which take place while the Scientific Session is in progress. The Spouse/Guest Hospitality Suite will be located in the Columbia or Mt. Hood Room every morning for a continental breakfast. Because all event times are approximate please verify the exact time and location listed in the Program Book, which you will receive when you arrive at the hotel. Please check at the Academy Registration Desk or check the bulletin board for any changes or important notices. Also, visit the Portland Oregon Visitor Association's website at www.pova.org for additional information regarding weather, travel, attractions, etc.

Hotel and other important information is located on the REVERSE side of the Registration Form.

L Sturgeon and Chinook Fishing Wed-Thurs, May1-2, Contact John Sorensen at sorensenja@aol.com

Y Reserve Vineyards-Golf Course: Thursday, May 2nd, Contact Kim Schramer at kschramer@reservegolf.com or (503) 259-2008 fee:\$55

A-B Thursday, May 2nd, 6:30pm Reception, 7:30pm Dinner: **Welcome Reception and Dinner.** Welcome guests and renew acquaintances at the opening dinner. Entrée choices are: **Sauvie Island Chicken** Breast lightly dusted with chipotle spices and sautéed with Oregon Cabernet Barbecue sauce and **Pacific Swordfish** with coriander-Lime Butter, served on red pepper-sauce, accompanied by grilled zucchini. Includes Entertainment. Historical Slide Show presented by Gerald Barrack and Baldwin Marchack. Dress: *Coat and tie for men; equivalent for women. Lower level Salon F-I.*

C Friday May 3rd, 6:45-7:30am: **Get Acquainted Breakfast. Mt. Tabor Breakfast Buffet** including chilled fruit juices, fresh sliced seasonal fruit and berries, selection of Kellogg's cereals and granola, Dannon Yogurts, freshly scrambled eggs, seasoned breakfast potatoes, sausage links/crisp bacon strips, Danish, muffins, croissants, Starbucks coffee and Bigelow teas. *Lower Level Salons A-D.*

D Friday, May 3rd, 10:00am – 3:00pm: **Garden Tour** includes the Classical Chinese and the Japanese Gardens, and the International Rose Test Beds. Also includes lunch at Portland's White House, motorcoach transportation and guide. ***Based on a minimum of 30 participants.**

E Friday, May 3rd, 1:00pm: **First Business Meeting and Luncheon (members only).** Presidential Address, Policy and Fellowship Committee Reports. A **Caesar's Buffet** in the *Mt. Hood Room* on the Restaurant Level (mezzanine) includes fresh bread selection, northwest penne pasta salad, tortellini salad, Caesar's Salad with grilled chicken or bay shrimp, roasted eggplant and Orzo Salad, sliced seasonal fruits and berries, tiramisu and Starbucks coffee and Bigelow teas. *Restaurant Level Mt. Hood Room*

F Friday, May 3rd, 6:15pm – 10:30pm: **Brewery Tour** includes transportation, pizza, tasting fees and guide to three breweries: the Bridgeport Brewing Co., Portland Brewing and Widmer Brothers Brewing Company. ***Based on a minimum of 30 participants.**

G Saturday, May 4th, 1:15pm - 10:00pm: **Social Outing – Columbia River Gorge and Mt. Hood** includes motor coach transportation to Timberline Lodge (6,000 feet up Mt. Hood), box lunches and tour guides to describe the Mt. Hood National Forest and the Columbia River Gorge National Scenic Area. Artisans will be displaying their Native American crafts and entertainment. Vouchers will be provided for those who wish to ride the Magic Mile scenic chair lift. Guides will also be available for those who want to go on a wildflower hike. At 5:00pm the group will traverse through the Columbia River Gorge and on to the Interpretive Center. Dinner includes appetizers (crudités, fruit, cheese, canapés, Dungeness Crab stuffed mushrooms, spanikopita and more), a variety of salads, deserts, northwest beers and wine. Entrees are: baked **Chinook Salmon** with blackberry sauce, garlic rubbed **Prime Rib** and **Pasta Primavera** with sun-dried tomatoes and artichoke hearts. *Dress comfortably in layers and wear hiking or athletic shoes.*

H Sunday, May 5th, 1:00-3:00pm: **Associate and Life Fellows Luncheon.** All Associate and Life Fellows will be hosted by the Academy for a special luncheon. The **Northwest Buffet** including potato corn chowder, northwest salad, sliced fresh fruit, grilled **salmon** with rosemary dill sauce, grilled **chicken** forestiere, roasted red potatoes, fresh vegetables and assorted berry cheesecakes. Please indicate if you will be attending. (Associate and Life Fellows only). There is no charge for this event *Lower Level Salon G*

I-J Sunday, May 5th 7:00pm - 11:00pm: **President's Reception and Installation Banquet.** The evening will begin with a Presidential Reception with hors d'oeuvres and beverages. **Alaska Halibut Filet Grilled** with lobster butter and topped with toasted Oregon hazel nuts and served with roasted bliss potatoes, seasonal squash and fried leeks or **Grilled Filet Mignon** and served with cabernet shallot sauce, hops potatoes and seasoned vegetables. Dancing and entertainment. *Dress: Black tie preferred; dark suit optional. Lower Level Salons F-I*

K Monday, May 5th, 1:00pm - 4:00pm: **Annual Business Meeting** (members only). Luncheon entrée is baked **Salmon** with horseradish crumb crust and white wine butter sauce served with herb polenta, snap peas and red peppers. *Lower Level Salons A-B.*

****** Please indicate if you have any special dietary requirements on the registration form.**

~ Please Print Clearly ~

Name: _____ Spouse/Guest: _____
 Address: _____ Telephone or Fax: _____
 City, State, Country, Zip: _____
 E-mail: _____
 Special Dietary or Other Needs: _____

*** HOTEL INFORMATION IS ON THE REVERSE SIDE OF THIS FORM ***

			Before April 12	After April 12	# Tickets	Amount
A	Thursday, May 2, 6:30pm	<i>Welcome Reception and Dinner</i> Sauvie Island Chicken	\$50	\$60	_____	_____
			B	Pacific Swordfish	\$50	\$60
C	Friday May 3, 6:45-7:30am:	<i>Get Acquainted Breakfast.</i> Mt. Tabor Breakfast Buffet	\$20	\$25	_____	_____
D	Friday, May 3, 10:00am-3:00pm:	<i>Garden Tour*</i>	\$60	\$72	_____	_____
E	Friday, May 3, 1:00pm:	<i>First Business Meeting and Luncheon</i> (members only) Please indicate if you will attend	N/C		_____	
F	Friday, May 3, 6:15pm-10:30pm:	<i>Brewery Tour-Pub Crawl*</i>	\$60	\$72	_____	_____
G	Saturday, May 4, 1:15pm-10:00pm:	<i>Social Outing</i> Columbia River Gorge and Mt. Hood	\$95	\$120	_____	_____
H	Sunday, May 5, 1:00-3:00pm:	<i>Associate and Life Fellows Luncheon.</i> (members only) Please indicate if you will attend	N/C		_____	
I	Sunday, May 5, 7:00pm - 11:00pm:	<i>President's Reception and Installation Banquet.</i> Alaska Halibut Filet	\$75	\$95	_____	_____
			J	Filet Mignon	\$75	\$95
K	Monday, May 6, 1:00pm-4:00pm:	<i>Annual Business Meeting (members only)</i>	\$30	\$ 35	_____	_____
	May 2-6, 2002	<i>84th Scientific Program Registration.</i> Academy Fellows have prepaid their registration. Guest dental professional Graduate student (requires a letter from your Program Director)	\$295	\$325		_____
			\$ 25	\$ 25		_____

Please make checks, in US Dollars-\$ payable to: **Academy of Prosthodontics**
 Send by **April 12th** to: Dr. Jonathan P. Wiens, 6177 Orchard Lake Rd, #120, West Bloomfield, MI 48322
We cannot accept credit cards.
No refunds for social events after April 20th without approval of the Executive Council.
 * *The Academy of Prosthodontics reserves the right to cancel events if minimum participation is not reached.*
 After April 26th please fax this form to (248) 471-6007, in addition to bringing the original form with remittance.

Total \$

Check #

Date / /

MEETING AND EVENT INFORMATION

The Registration Form is on the reverse side of this page.

- 1) Please print clearly and keep the **Pink** copy for your records.
- 2) Make checks payable in US Dollars-\$ to: **The Academy of Prosthodontics**
- 3) Send the **White** Registration Form and the check by **April 12th** to:

**Dr. Jonathan P. Wiens,
AP Secretary-Treasurer
6177 Orchard Lake Rd
Suite #120
West Bloomfield, MI 48322**

- After April 26th please fax this form to the Secretary-Treasurer at (248) 471-6007, in addition to bringing the original form with your remittance. On-site registration is possible subject to late registration fees.
- Have a question? E-mail the Secretary-Treasurer at jonatwiens@aol.com
- Please note that the AP cannot accept credit cards at this time.
- Refunds for social events cannot be made after April 20th without Executive Council approval.
- The AP reserves the right to cancel events if minimum participation is not achieved.

HOTEL INFORMATION

- 1) You may make reservations by calling the hotel directly or faxing your request.
- 2) Be sure to indicate that you are with the "**Academy of Prosthodontics**" to receive the special room rate.
- 3) Call or fax your request before **April 12th**, (use a copy of this form for faxing.)

Portland Downtown Marriott • 1401 S.W. Naito Parkway • Portland, Oregon 97201

\$119.00 single/double • Telephone: (503) 226-7600 • Fax: (503) 499-6357

Name: _____

Address: _____

City, State: _____

Postal Code, Country: _____

Phone/Fax or E-mail: _____

Arrival Date: _____ Departure Date: _____

Room Request: _____ Signature: _____

Credit Card #: _____ Exp: _____

GROUND TRANSPORTATION

- The Downtown Portland Marriott is 9 miles from the airport. You may take a Gray Line Shuttle one way for \$15 per person (800) 422-7042 . Shuttles run every 45 minutes and have four hotel stops.
- Taxi cabs fares are approximately \$25-30.
- In town you may want to use the Tri-Met (503) 238-RIDE or the Willamette Shore Trolley (503) 222-2226.
- Rental cars are available, e.g., Avis, Budget, Enterprize. Be sure to check on locations and drop-off points.
- Hotel parking is available by valet for \$19/night or you may choose other adjacent parking for less.