

# Advanced Training\*

SEATTLE, WA

July 9-13, 2012

*Pre-Requisite (Preferred): Lean Leader Training*

## ADVANCED TECHNICAL INSTRUCTION

The Advanced Technical Instruction Course is designed to increase depth of understanding and strength of knowledge and comprehension of the Lean Healthcare Practitioner as they apply cell design principles to complex situations.

### ***Learning Objectives:***

- ✓ Understand how simplicity is an underlying theme for cellular design.
- ✓ How to minimize resources and maximize throughput by transitioning from a traditional / functional operational design to cellular processing.
- ✓ How to utilize labor for work balancing in the creation of a self-regulating and self-improving operation.
- ✓ To provide a deeper understanding of the technical materials for the development and certification of RPI Workshop Leaders.

# SAMPLE AGENDA

- Monday
  - History of Lean
  - Bench, Assy Line, Cellular Processing
  - Underlying Principles
  - Cell Basics and Principles
- Tuesday
  - Children’s Bellevue Tour / Tour Debrief
  - Flow Problems
- Wednesday
  - Korry Electronics Tour / Tour Debrief
  - Cell Design
  - Flow Problems
- Thursday
  - TEC Tour / Tour Debrief
  - Hoshin Kanri
  - Continuous Improvement / Breakthrough Mgt
- Friday
  - Course Presentations

## ***Course Content:***

- Lean History
- Value Stream Thinking in Healthcare
- Lean Leadership and Teamwork
- Corrupting Influence of Variability
- Cell Basics
  - Data Requirements
  - Group Technology
  - Standard Work
  - Pull Production
  - Capacity Management
  - Inventory Management
- Cell Design
  - Setup Reduction
  - Integrated Reliability – TPM
  - Quality at the Source
  - Work Balancing
- Economic Value
  - Cost Benefit
  - Economic Impact
- Implementation Methods and Choices

## SEMINAR LEADERS

**Michael Boyer** brings over 28 years of business experience in engineering, management and consulting. His experience and counsel has focused on the implementation of lean principles in service of organizational performance through large system change, strategic planning and alignment, value chain management and continuous process improvement. Michael has engaged with large and small organizations in various industries that include The Boeing Company, Rockwell International, Hewlett Packard, Lockheed Martin, The US Navy, General Dynamics, PPG Industries, Northrop Grumman, Precision CastParts Corp., The US Coast Guard and Bath Iron Works. Michael has led seminars for Industry Week, AME, National Manufacturing Week, NSRP, and The University of Kentucky. Prior to consulting, Michael held senior positions in operations, engineering, strategic planning, quality, human resources and finance. Michael holds a BS in Industrial Engineering, an MBA in Engineering Management, and a PhD in Organizational Management. His healthcare clients include MemorialCare Medical Centers, The Everett Clinic, Children's Hospital of Philadelphia, Children's Hospitals and Clinics of Minnesota, Kadlec Health System, Lucile Packard Children's Hospital at Stanford, and Seattle Children's Hospital.

**Joan Wellman** has spent over thirty years consulting to large scale change initiatives in the aerospace, telecommunications, high technology, energy and healthcare industries. She pioneered the application of lean principles in healthcare starting in 1995. Her most recent healthcare clients include: Seattle Children's Hospital, Children's Hospitals and Clinics of Minnesota, Children's Hospital of Philadelphia, Harborview Medical Center, University of Washington Medical Center, The Fred Hutchinson Cancer Research Center, Overlake Hospital, The Everett Clinics and Jefferson General. Joan is a frequent speaker at national conferences, including Organization Development Network, American Society for Training and Development, Society of Pediatric Anesthesia, MGMA and the National Association for Healthcare Quality. She has served as a guest speaker for the University of Washington Executive MBA program and has served as adjunct to the faculty of the University of San Francisco Graduate School. Joan is also on the faculty of the Lean Enterprise Institute. She founded Seattle-based Joan Wellman and Associates in 2000 to bring lean consulting talent from industry to healthcare.

## TO REGISTER

Please complete the JWA Healthcare Series registration form and mail with payment. Space is reserved once registration form and payment are received.  
We apologize that we are unable to accept credit card payment.

**FEES** \$4,000 (lunch and breaks included)

### LOCATION\*

#### Residence Inn by Marriott Seattle Downtown/Lake Union

800 Fairview Ave N

Seattle, WA 98109

(206) 624-6000

1 (800) 331-3131

[www.Marriott.com/SEALU](http://www.Marriott.com/SEALU)

\* A block of rooms has been reserved for Joan Wellman & Associates, Inc.

### AREA AIRPORT

Seattle-Tacoma (SEA)

Hotel Direction: 15.0 mi NE

*This hotel does not provide shuttle service.*

### DRIVING DIRECTIONS

From I-5, take the Mercer St. Exit (stay to far right), right on Fairview, go one block, turn right at light, hotel is on your right.

### ALTERNATE TRANSPORTATION

#### A&A Airport Limo Services

206-365-1008; [www.a-alimo.com](http://www.a-alimo.com)

#### Executive Towncar Service

206-443-4343; [www.executivecarservice.com](http://www.executivecarservice.com)

#### Shuttle Express

Shuttle Express

425-981-7000; [www.shuttleexpress.com](http://www.shuttleexpress.com)



### PARKING

Parking is available at no charge for daily use during this event. Pull up to the front door and ask for a parking ticket at the front desk and then proceed to the parking garage.

Overnight parking is \$21/day.