Faculty

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Prince & Gamble  
Bausch Professor in Total Quality  
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Madison, WI

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Madison, WI

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WIMF Professor of Surgical Research  
Director, Wisconsin Surgical Outcomes  
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Florida Jacksonville and  
Hospitality Associate, College of Engineering,  
CQPI, University of Wisconsin-  
Madison, Madison, WI

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Professor of Pediatrics -  
Critical Care  
Medical College of Wisconsin  
Associate Medical Director of S,  
Children’s Hospital of Wisconsin,  
Milwaukee, WI

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Associate Professor, School of Medicine and  
Public Health and Industrial and  
Systems Engineering  
University of Wisconsin-Madison  
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Pediatric, Department of  
Emergency Medicine, University of  
Florida College of Medicine, Jacksonville,  
Florida and Visiting Professor, Imperial  
College of London, London, England

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School of Medicine and Public Health  
CQPI  
University of Wisconsin-Madison  
Madison, WI

Douglas A. Wiepapra, PhD  
Assistant Professor  
Industrial and Systems Engineering  
University of Wisconsin-Madison  
Madison, WI

General Information

Dates: July 13–17, 2015
Place: Lowell Center  
610 Langdon Street  
Madison, WI 53703
Phone: 608/256-2621

Conference Housing

Blocks of rooms are reserved at the Lowell Center and the DoubleTree Hotels. For further details, please visit the Hotel tab at http://cqs.wisc.edu/  
SEIPS-short-course.htm

The Lowell Center - Madison
This accommodation is conveniently located within the campus facility.
610 Langdon Street, Madison, WI 53703
Phone: 608/256-2621 or 866/101-1753
email: lowell@uwce.wisc.edu
Rates: $109
Click on the Hotel tab at http://cqs.wisc.edu/  
SEIPS-short-course.htm for reservation details.
Reservations must be made prior to June 12, 2015. Please reference group code: SEIPS.

DoubleTree® Hotel – Madison
525 West Johnson Street, Madison, WI 53703
Phone: 608/251-1111 or 800/222-4873
Rates: $139
Click on the Hotel tab at http://cqs.wisc.edu/  
SEIPS-short-course.htm for reservation details.
Reservations must be made by June 12, 2015. Please reference group code: SCS.

Conference Fees

• $2800 - first registrant from an organization
• $2300 - each additional registrant from the same organization

The conference fee includes the cost of tuition, materials, two receptions, breakfasts, refreshment breaks, lunches, and a nonrefundable processing fee of $50. Should you cancel your registration up to 72 hours prior to the conference, you will receive a refund of the entire conference fee except the $50 nonrefundable portion. No refunds will be made after that time. Prepayment is required.

Four Easy Ways To Register

On-line: Go to www.ocpd.wisc.edu/course..., catalog. Click on “SEIPS Short-Course on Human Factors Engineering and Patient Safety.”

By Mail:
Return your completed registration form and payment (Steps 1-4 Registration Form).

By Phone: (608) 262-1397
Please call and give your billing information or pay by MasterCard, VISA, or American Express.

By Fax: (1-800) 741-7416  
(in Madison Fax 260-3363)

Confirmations

All registrations are confirmed via email. If you do not receive a confirmation, please call 608/262-1397.

Conference Attire

Since meeting room temperatures and personal comfort levels vary, we recommend that you bring a sweater or jacket.

For Further Information

Teresa Thuemling  
Center for Quality and Productivity Improvement  
1505 Engineering Drive  
Madison, WI 53706
Phone: 608/263-2520; Fax: 608/263-1425
ttuemling@cqs.engr.wisc.edu

Teresa Bailey  
Office of Continuing Professional Development  
in Medicine and Public Health  
750 Highland Avenue, Room 3351  
Madison, WI 53705-2221
Phone: 608/265-2046; Fax: 608/262-3750
mbailey@ocpd.wisc.edu

Registration Form

SEIPS Short Course on Human Factors Engineering and Patient Safety:  
Human Factors and Sociotechnical Systems Engineering  
July 13–17, 2015

Please complete Steps 1-4 below in BLOCK letters.

Step 1: Participant Information  
(PLEASE PRINT CLEARLY)

Please call and give your billing information or pay by MasterCard, VISA, or American Express.

Expire Date

Step 2: Registration Fees (Prepayment is required):

• $2500 - first registrant from an organization
• $2300 - each additional registrant from the same organization

TOTAL FEE REMITTED:

q PO or check enclosed (payable to University of Wisconsin)  
q Credit Card:  
q MasterCard  
q VISA  
q American Express

Cardholder’s Name

Card Number

Expiration Date

Step 3: Where did you learn about this short course? Check all that apply

q Colleague  
q Brochure  
q Advertisement  
q Internet  
q Other

Step 4: Please return your payment with this form to:

CME Specialist  
The Pyle Center  
702 Langdon Street  
Madison, WI 53706 or Fax: 1-800/741-7416

In Madison Fax 260-3363)

Acknowledgment Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME®) through the joint providership of the University of Wisconsin School of Medicine and Public Health and the University of Wisconsin-Madison, Center for Quality and Productivity Improvement (CQPI). The University of Wisconsin School of Medicine and Public Health is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement

The University of Wisconsin School of Medicine and Public Health designates this live activity for a maximum of 33.5 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Continuing Education Units

The University of Wisconsin provides equal opportunities in employment and programming, including Title IX requirement.

Physicians should claim only the credit commensurate with the extent of their participation in the activity. In accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME), physicians may claim a maximum of 33.5 continuing education units (CEU) or 33.5 hours.

Policy on Disclosure

It is the policy of the University of Wisconsin School of Medicine and Public Health that the faculty, authors, planners, and other persons who may influence content of the CME activity disclose all relevant financial relationships with commercial interests in order to allow CME staff to identify and resolve any potential conflicts of interest. Faculty must also disclose any planned discussion of unlabeled/unapproved uses of drugs or devices during their presentations. Detailed disclosures will be made in the activity handout materials.

The University of Wisconsin provides equal opportunities in employment and programming, including Title IX requirement.

The University School of Medicine and Public Health fully complies with the legal requirements of the ADA and the rules and regulations thereof. If you participate in this activity and have disabilities which may require accommodations, please notify Teresa N. Thuemling in order to receive service. Please call 608/263-2520.

Quotes from past course attendees:

“Thanks again for the exceptional experience. The class is really like no class you have ever been in. The course was changing as evidenced by coming back to a potential event and my first thought was not, who messed up, rather I wondered what else was going on, how many lines were running etc, etc!”

“Thank you so much! What a wonderful course: Eye opening, provoking, exciting! What a wonderful opportunity to network and learn from each other.”

“Thanks for all these materials, and thanks again for the wonderful course - I very much enjoyed it. So yes, the course changed the way I look at things…”

“Once again your focus on participant experience was exemplary! Thank you. Discussions of examples were very rich and helpful.”

“I will advocate more boldly for strong, work-system-based quality improve- 
ment and patient safety implementations.”

“This is a tremendous short course. The instruction and resources you provided us are tremendously helpful.”

“Awesome course! Top-notch organiza- 
tion and instruction. Thank you for a successful and valuable week of learning!”

“What a great experience. I felt as though I had returned to college! The beautiful university setting, the outstanding professors...great course!”
SEIPS Short Course on Human Factors Engineering and Patient Safety: Human Factors and Sociotechnical Systems Engineering

This five-day course for professionals presents nationally recognized speakers discussing a variety of Human Factors Engineering (HFE) and Patient Safety topics including:

- Human Factors Engineering
- Sociotechnical Systems and Macroergonomics
- Cognitive Ergonomics
- Work System Redesign and Implementation
- And more...

For short course schedule and registration information go to: http://cqpi.wisc.edu/SEIPS-short-course.htm

THE UNIVERSITY OF WISCONSIN–MADISON

July 13-17, 2015

Lowell Center, University of Wisconsin-Madison

SEIPS Short Course on Human Factors Engineering and Patient Safety: Human Factors and Sociotechnical Systems Engineering

THE UNIVERSITY OF WISCONSIN–MADISON

To rise to the challenge of the international quality revolution, the Center for Quality and Productivity Improvement (CQPI), a research center, was founded in October of 1985. Since its inception, CQPI has been at the forefront in the development of new techniques for improving the quality of products and processes.

Today, CQPI’s Systems Engineering Initiative for Patient Safety (SEIPS) is the foremost leader in comprehensively applying Human Factors and Systems Engineering to the patient safety challenge. CQPI/SEIPS is the recipient of multiple federal, foundation, and industry-supported research projects for patient safety, quality of healthcare processes, quality of working life and human factors approaches for improved technology implementation.

The various project teams on these studies are multidisciplinary, including investigators and partners in Human Factors and Systems Engineering, Nursing, Medicine, Surgery, Pharmacy and Health Services Research.

Statement of Need

This short course is designed to provide an understanding of human factors and systems engineering and how this approach to patient safety can improve system performance and safety, prevent harm when error does occur, help systems recover from error, and mitigate further harm.

Intended Audience and Scope of Practice

The educational activity is designed for all physicians, physician assistants, nurses, information technologists, quality improvement specialists, pharmacists, CEOs, middle and upper managers, engineers, risk management professionals, infection control professionals, patient safety officers, and other professionals interested in human factors engineering and patient safety.

Specific Learning Objectives

At the conclusion of this activity, participants should be able to:

- Identify the objectives of human factors engineering (HFE)
- Explain the use of HFE to improve patient safety
- Describe the characteristics of a system and the implications for system design
- Describe the principles of sociotechnical systems engineering
- Summarize challenges to the application of HFE and patient safety
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- Recognize the impact of teamwork and communication on patient safety
- Describe principles for work system redesign, implementation and change management

Elements of Competence

This CME activity has been designed to change learner competence and focuses on the American Board of Medical Specialties area of systems-based practice.

CQPI

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