AGENDA

DAY ONE: WHAT ENGINEERING KNOWLEDGE IS NEEDED TO CREATE A DESIRED FUTURE FOR HEALTH CARE?

8:00 am   Registration and Continental Breakfast

8:30 am   Welcome
Patricia Flatley Brennan, Lillian L. Moehlman Bascom Professor, School of Nursing and College of Engineering, University of Wisconsin-Madison

8:35 am   Welcome and Comments by AHRQ & NSF
Teresa Zayas-Cabán, Senior Manager, Health IT, Agency for Healthcare Research and Quality
Cerry Klein, Program Director, Service Enterprise Systems and Manufacturing Enterprise Systems, National Science Foundation

9:00 am   Chair’s Presentation
Patricia Flatley Brennan

9:30 am   Keynote Presenter
Maulik Joshi, President, Health Research & Educational Trust
SVP of Research, American Hospital Association

10:00 am   Plans for the Day
Patricia Flatley Brennan

10:10 am   Break

10:30 am   Vision Statements
1. Information Technology/Finance and Quantitative Decision Making
2. Systems Analysis, Change and Implementation
   Theories
3. Materials Management and Production Processes
4. Human Factors and Sociotechnical Systems
5. Quality Engineering

12:00 pm   Lunch
Breakout Groups:

1:00 pm  Breakout A: Information Technology/ Finance and Quantitative Decision Making  
**Session Co-Chairs** – James Walker, Chief Health Information Officer, Geisinger Health Systems; Brian Denton, Assistant Professor, North Carolina State University

Breakout B: Systems Analysis, Change and Implementation Theories  
**Session Chair** – José L. Zayas-Castro, Professor & Chairperson, University of South Florida

Breakout C: Materials Management and Production Processes  
**Session Chair** – Eugene S. Schneller, Ph.D., Professor, School of Health Management and Policy, W. P. Carey School of Business Arizona State University

Breakout D: Human Factors and Sociotechnical Systems  
**Session Chair** – Stephanie Guerlain, Associate Professor, Department of Systems and Information Engineering, University of Virginia

Breakout E: Quality Engineering  
**Session Chair** – James Benneyan, Executive Director, New England VA, Healthcare Engineering Partnership, Director, Quality and Productivity Laboratory, Northeastern University

2:30 pm  Open Discussion

3:30 pm  Break

3:45 pm  Cross-cutting Groups:

Breakout A: Managing acute illness and disease

Breakout B: Creating effective models of health promotion and disease prevention

Breakout C: Insuring chronic disease management

Breakout D: Enhancing the end-of-life experience

Breakout E: Facilitating public health

Breakout F: Accelerating discovery
5:15 pm Chair’s Summary  
Patricia Flatley Brennan

5:30 pm Adjourn

6:00 pm Working Dinner  
Address by Aneesh Chopra, Chief Technology Officer & Associate Director of Technology, Office of Science and Technology Policy, United States

DAY TWO: FROM DISCUSSION TO ACTION: A PLAN FOR MOVING AHEAD

8:00 am Working breakfast

Policy Discussion (research in an ever-changing world)  
Patricia Flatley Brennan

8:45 am Plans for the Day  
Patricia Flatley Brennan

9:00 am Breakout Groups:

Breakout A: Information Technology/ Finance and Quantitative Decision Making  
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Breakout B: Systems Analysis, Change and Implementation Theories  
Session Chair – José L. Zayas-Castro, Professor & Chairperson, University of South Florida

Breakout C: Materials Management and Production Processes  
Session Chair – Eugene S. Schneller, Ph.D., Professor, School of Health Management and Policy, W. P. Carey School of Business Arizona State University

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Breakout E: Quality Engineering  
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Quality and Productivity Laboratory, Northeastern University

10:00 am    Break
10:15 am    Presentation: Research Agenda
11:30 am    Update and Revise Research Agenda (Group Work)
12:15 pm    Lunch
1:00 pm     Roundtable Discussion
            Led by Patricia Flatley Brennan
3:00 pm     Concluding Remarks
            Patricia Flatley Brennan
3:10 pm     Thanks and Logistics
            Patricia Flatley Brennan
3:30 pm     Adjourn