

**Panel Title: Getting Ahead in Your Career: Myths and Realities**

What does it take to succeed in a business career today? What skills do you need and how can you develop them? How can you prepare for unexpected opportunities? How does your definition of success change over time? What tradeoffs do you need to make between your personal and professional lives? Can you succeed on your own or do you need a mentor? This panel of technical and managerial women will share their definitions of success and how this affected the choices each has made in her career. They will share their discoveries of the myths and realities of succeeding in the professional world.

**Organizer:** Heidi Kvinge, CAD Manager, Intel Massachusetts, heidi.kvinge@intel.com

**Moderator:** Dr. Jeanette Harrison, Director of Knowledge and Learning, Intel

**Panelists:**

**Shelagh Callahan**, Staff Architect, Intel

**Carolyn Crandall**, Director of Sales, Cisco

**Barbara Fox**, Software Architect, Microsoft

**Dr. Robin Jeffries**, Distinguished Engineer, Sun

**Heather Harkness**, Manager and Sr. Staff Engineer, Intel

**Dr. Lilian Wu**, Program Executive for University Relations, IBM

**Biographies:**

**Shelagh Callahan** is a Staff Architect at Intel focusing on Platform Software, with particular emphasis in areas relating to mobility, trust and virtualization. She has strategic and architectural responsibility for a technology initiative known as Manageable Identities. Although she has performed in a variety of management roles, including program manager and engineering manager, her current role is that of a senior technical contributor. She was one of the primary architects of Universal Serial Bus (USB), Wired for Management and Cardbus PC Cards. Before coming to Intel, she was a senior engineer at Bell Laboratories. She holds a Master of Science from Penn State University and a Bachelor of Science from Randolph-Macon College.

**Carolyn Crandall**, Director of Sales, Cisco  
(Bio not yet received.)

**Barbara Fox**, Software Architect, Microsoft  
(Bio not yet received.)

**Jeanette K. Harrison** is Director of Knowledge and Learning for Intel Corporation's Technology Manufacturing Group. She is responsible for the organization chartered with the development of performance support strategies and solutions for manufacturing employees worldwide and is also responsible for defining the knowledge management vision for the corporation. She is the executive sponsor for the Intel employee group, Women in Intel Network (WIN). Harrison describes her primary role in technology as bringing tools and techniques to bear to solve users' problems. One of her own career transitions was moving from user of technology to one that envisions its future application and potential. Harrison holds the doctorate in public administration from the University of Southern California. Both undergraduate (sociology/psychology) and masters degrees (higher education administration) were conferred by the American University, Washington, D.C.

**Heather Harkness** is a Sr. Staff Engineer in Intel Corporation's Massachusetts Microprocessor Design Center. Over 19 years, she has led various CAD development and methodology efforts in support of 8 generations of high-performance microprocessors. Her areas of contribution include logic synthesis, circuit optimization, automatic schematic generation, and design entry. For the last eight years, she has managed software development teams creating high-performance synthesis technology, and most recently, custom design technology. Harkness holds a Masters degree in Electrical Engineering from U.C Berkeley and a Bachelors degree in Computer Science from Rensselaer Polytechnic Institute.

**Robin Jeffries** is a Distinguished Engineer for User Experience reporting to the CTO of Sun Microsystems. She has a Ph.D from the University of Colorado and was a researcher in Human-Computer Interaction for 15 years. In her career she has been a: software engineer, marketing product manager, college teacher, academic researcher, industrial lab researcher, research manager, product user interface designer, director, and technical/strategic staff member. Thus, she thinks she knows something about making career choices. She has raised two children. Robin moonlights as Her Systems' Keeper for the systems list.

**Lilian Wu** is the Program Executive for University Relations, IBM Corporate Technology. Prior to this position she was Consultant on Corporate Technology Strategy Development and for most of her career a research scientist in applied mathematics at the IBM T.J. Watson Research Center in Yorktown Heights. Her major research interests are mathematical modeling and risk analysis in business, the energy industry, and the environment. She holds a BS in Mathematics from the University of Maryland, College Park and MS and PhD degrees from Cornell University. She was a member of President Clinton's Committee of Advisors on Science and Technology.

### **GHC panel submission questions**

**What are the objectives of the panel?** The panel is intended to share the experiences of women working in the high-tech industry who have made choices in their career between technical and management roles. The goal is to provide useful insights to audience members on how to achieve their career objectives and what roadblocks they might need to overcome along the way.

**Who should attend the panel?** Anyone who is currently working in an industry position or considering moving into industry from academia who is interested in ideas on how to advance in their career.

**What is the format of the panel/workshop/presentation?** Panel format with some panelists in management positions and others in senior technical positions.

**What are the topics being covered?** How to prepare for the next job, how to find interesting opportunities, what are the advantages of following a technical or management track, what personal tradeoffs do people make in pursuit of a career, what are the myths and realities of career development.

**What is the proposed session length?** 90 minutes

**Will there be written materials?** Only the biographies of the panelists if they don't fit in the program.

**What competing points of view will be discussed?** The panelists are from varied backgrounds, different companies, and have made different career choices. They have different definitions of success. Therefore a broad range of views should be expressed.

**What knowledge should attendees expect to gain?** How to prepare for the next job, how to find interesting opportunities, what are the advantages of following a technical or management track, myths and realities of career development, and examples of choices women have made in the course of their careers.

**What are the numbers, names, and affiliations of the speakers?** One moderator and six panelists as listed above.

**What are the educational, technical, and professional background/qualifications of the speakers?** See biographies above.