

Hiring Practices in Academia, Industry, and Gov't. Labs

Tuesday, September 11, 2012

3:00 – 4:00 pm ET



Alice White
Chief Scientist
Bell Labs/Alcatel-Lucent



Philip Wyatt
Founder and CEO
Wyatt Technology Corp.



Richard Berger
Staff Scientist
Lawrence Livermore
Nat'l Lab



Arnold Kritz
Physics Professor
Lehigh University

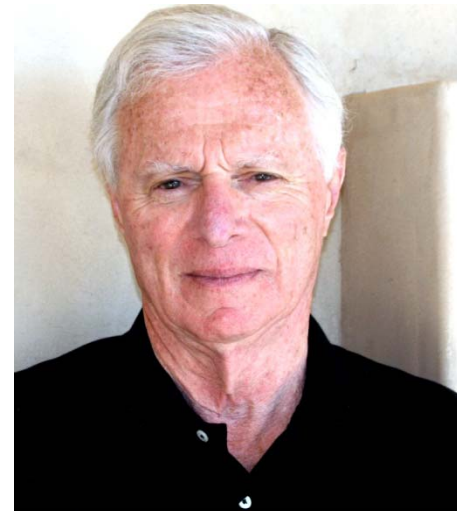


Moderated by:
Crystal Bailey
Education and Careers Program Manager
American Physical Society

Philip J. Wyatt**CEO, Wyatt Technology Corp.**

Philip J. Wyatt is the Founder and Chief Executive Officer of Wyatt Technology Corporation. Wyatt received his undergraduate education in liberal arts, physics and mathematics at the University of Chicago, and Christ's College, Cambridge. His graduate education was completed at the University of Illinois (M.S.) and the Florida State University (Ph.D.).

The author of more than fifty articles, Wyatt has co-authored or contributed to eleven books, and was nominated by the NAS as one of fifteen finalists for this country's first Scientist-Astronaut Selection Program. He is a Fellow of the American Association for the Advancement of Science, The American Physical Society, and the Optical Society of America, and has had over forty foreign and domestic patents issued relating to laser light scattering and other technologies. Phil is also current chair of the APS Forum on Industrial and Applied Physics (FIAP).

**Alice E. White****Chief Scientist, Bell Labs**

Alice White was named Chief Scientist of Bell Labs in May 2011. In this role, she has responsibility for the long term research strategy, university partnerships, and the Bell Labs Technical Journal as well as maintaining technical excellence through technology and science recognition programs. She has a PhD in physics from Harvard University and a broad technical background in experimental solid state physics and fabrication of optical components.

In 1991, she received the Maria Goeppert-Mayer Award of the American Physical Society for her work on compound formation using ion implantation. She was named a Bell Labs Fellow in 2001 for her work in “developing and applying novel integrated photonic device technologies in advanced optical networks”. With over 125 publications, she is a fellow of the American Physical Society and the IEEE Photonics Society. She has also worked on many professional development related activities through the APS Committee on Careers and Professional Development (CCPD), of which she has been a member since 2010.

Arnold Kritz**Physics Professor, Lehigh University**

Arnold Kritz is currently a professor at Lehigh University in Pennsylvania, though he has spent time in government laboratory and industrial settings as well, having spent four years as a staff scientist at General Dynamics, as well several visiting appointments at Lawrence Livermore, Oak Ridge National Lab, and other international labs.

Arnold received his PhD from Yale University, and has worked as a program manager at the DOE Office of Fusion Energy Science. He is also a member of the APS Committee on Careers and Professional Development (CCPD) where he has supported the development of career related activities for students at the APS Division of Plasma Physics (DPP) Meeting.

**Richard Berger****Physicist, Lawrence Livermore National Lab (LLNL)**

Richard Berger's research at LLNL deals with hot, dense plasmas. Between 2007 and 2009, he was NSF plasma physics program manager, and from 1977 to 1991 was senior scientist and theory group head for KMS Fusion.

Richard received his PhD in plasma physics theory from the University of Maryland in 1972, and did his postdoctoral work at the University of Colorado and the Princeton Plasma Physics Laboratory (PPPL). He is also a member of the APS Committee on Careers and Professional Development (CCPD), where he has actively supported the development of career related activities for students at the APS Division of Plasma Physics (DPP) Meeting.

Discussion Groundwork

- Speakers' Career Pathways and Experiences
- Trends in Hiring—what employers look for, then and now
- Finding Quality in Candidates

Where (and for What) To Apply

- Finding out about Jobs and Opportunities
- The Importance of Networking
- Strategies for Building and Using Networks

Getting On Top of the Pile

- Path of a Resume Through the Hiring Process
- Resumes versus CVs
- Major Steps and Important Timelines

Preparing for Interviews

- Anatomy of an Interview/Visit—what should I expect?
- The Importance of Audience
- Best Strategies to Prepare

International Students

- How Does this Advice Change for Int'l Students?
- Additional Advice for International Students

General Advice and Strategies



Additional Questions: webinars@aps.org