



ACES-NM,
A Chapter of CIE-USA
Albuquerque, New Mexico



ACES-NM 2011 Fall Seminar **Light lunch Provided**

Saturday, 11/5, 2011

10:00 am-12:00 pm

**Auditorium, Domenici Center for Health
Sciences Education, UNM**

(see attachment for direction and map)

1. Friends^N: Social Network's Today and Tomorrow
社交网络的現在与未來

By Wei Winnie Shu, Professor of Department of Electrical &
Computer Engineering, UNM

2. The Impact of the Global Economic Environment on the Financing
Of High technology Start Ups in the United States
全球經濟环境对美國高科技新建企业融资的影响

By Mr. John W. Brown, President and CEO of Bye UAS, Inc

Please RSVP by e-mail to yimingy@yahoo.com by November 2, 2011



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Wei Wennie Shu

received her Ph.D. degree from the University of Illinois at Urbana-Champaign. Since then, she worked as faculty member at Yale University, the State University of New York at Buffalo, and University of Central Florida. She joined the ECE department at UNM in 2000, and served the graduate director and associate chair of ECE for six years. She has led the ECE department's efforts to a variety of university exchange and dual degree programs, including those with China, India, Latin America, and Mexico. Her current interests include dynamic scheduling, resource management, runtime support systems for parallel and distributed processing, multimedia networking, wireless mobile networks, and vehicular networking.

Mr. Brown is President and CEO of Bye UAS, Inc. a manufacturer of solar electric unmanned aerial systems that serve the global defense, intelligence and homeland security markets. He has over 35 years senior management experience in corporate finance, investment banking and private equity investment, and extensive experience in the management, oversight and financing of technology focused businesses. Prior to joining Bye UAS, Mr. Brown was CFO of Bye Energy, a founder of Sandia Capital Partners, LLC, a technology focused investment and advisory firm, and Chief Operating Officer of PricewaterhouseCoopers Securities, LLC, the investment banking affiliate of Pricewaterhouse Coopers. He is Chairman of Altela, Inc. and serves on the board of directors of Peter DeFries Corporation – Dion's, Leadership New Mexico and the UNM Anderson School of Management Foundation. Mr. Brown is a Chartered Financial Analyst, holds an MBA with Distinction from the University of Michigan, and a BBA from the Anderson School of Management at the University of New Mexico.



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ABSTRACT

[FriendsN: Social Network's Today and Tomorrow](#)

Dr. Wei Wennie Shu

For the past decades, our lives have been dramatically changed by introduction of the World Wide Web and search engines such as Google. Social networks, as the 3rd era of Web are affecting everything we face in a globalised world. How people getting connected has been substantially reshaped in our daily life, especially for the young generation. This talk provides an overview of social networks. Topics to be presented include the brief history, classification, characteristics, usage and impact of social networks, as well as examples such as facebook, twitter, etc. Technology issues such as mobile access, real-time information, media, virtual world and real world will be discussed too.

[The Impact of the Global Economic Environment on the Financing Of High technology Start Ups in the United States](#)

Mr. John W. Brown

Recent economic conditions in the United States and around the world affect almost every aspect of business and society. The prolonged downtown in the US economy, stubbornly high unemployment, stagnant income growth, confused and uninspiring leadership at every level of government coupled with the European debt crisis and a weakened and questionable global financial system have caused negative ripple effects through every business sector and financial market segment.

Although some of these negative effects are obvious and well reported, what has not caught a lot of attention is the impact these economic and financial conditions have had on the high technology sector, and in particular, the financing of start up businesses developing new technologies and innovative new products. This economic sector provides the new ideas, new technologies and innovative products and services that serve as the underpinning to economic growth, productivity improvements, better quality of life and new and different markets. The high technology start up sector typically depends upon high net worth individuals, venture capital and private equity funds and corporate strategic investors for the capital required to develop and fund innovation. All of these conventional sources of financing for this sector have come under extreme pressure, and the amount of capital flowing into high tech start-ups from these sources has slowed to a relative trickle when compared to the boom years of the 1990s and 2000s.

Unless and until capital begins to flow more generously to this sector, the long-term outlook for new technologies and their contribution to global economic development is not favorable. In the discussion of this topic, we will explore the causes and effects of this and what can and should be done by policy makers, financiers and executives in the high tech start up sector to minimize the potentially negative long term outcomes of diminished investment into this vital economic sector.



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Driving Directions:

1. Take I-25 south to MLK exit. (after the intersection of I-25 and I-40)
2. Turn left on MLK Blvd.
3. Turn left on University Blvd.
4. Turn right on Tucker Rd. (north of Lomas)
5. After passing Yale Blvd, park your car in the M-Lot on the right side of Tucker and walk towards east to the Domenici Center on the corner of Stanford Dr. and Marble Ave.

Note: The Domenici Center consists of two jointed buildings. Auditorium is on the first floor of the east side of the jointed building. See

