

## **Dr. Anthony J. Tether, Director, Defense Advanced Research Projects Agency**

Good Evening. Welcome to DARPA's 50<sup>th</sup> Anniversary Celebration. Holy Cow, what a big crowd! There are over 1600 people here. Thank you for joining us. It's amazing to think that DARPA is celebrating its 50<sup>th</sup> Anniversary. Over the years DARPA has responded to issues of national importance with new ideas and technology that have changed the ways wars are fought...changed the way we live. Since the very beginning, DARPA has been the place for people with ideas too crazy, too far out, too risky. An organization willing to take a bet on an idea long before it is proven. What have those years looked like? Now, I could explain this by giving my bubble talk about the Far Side and the Near Side. Those who have heard it always ask to hear it again. But I decided to not do that. I have a movie which does this almost as well. Let's watch and see.



MOVIE – 5:24

The movie showed just some of DARPA's projects. There are many more that we could not fit in, and I'm sure there are people here tonight who could tell great stories about DARPA's projects. DARPA is about ideas, and it is people that come up with ideas. People like all of you here tonight. We have a star list of VIP's including the Deputy Secretary of Defense, Gordon England, and the Vice President of the United States, Dick Cheney who will join us later.

In addition there are some very special idea people DARPA has had 18 Directors and 9 of them are here tonight. I'd like to introduce them to you. As I call your names, please stand so all know where you are so they can talk with you later, if possible. Dr. Jack Ruina, was DARPA's third Director and led the Agency from 1961 to 1963. Dr. Charles Herzfeld, was DARPA's fifth Director and led the Agency from 1965 to 1967. Dr. Johnny Foster, was DoD Director, Defense Research & Engineering from 1965 to 1973. Johnny was not actually a DARPA Director, but he was so helpful to DARPA that he is recognized as an honorary DARPA Director. Dr. Steve Lukasik was DARPA's seventh Director and led the Agency from 1970 to 1975. Dr. George Heilmeier was DARPA's eighth Director and led the Agency from 1975 to 1977. Dr. Bob Fossum was DARPA's ninth Director and led the Agency from 1977 to 1981. Dr. Ray Colladay was DARPA's twelfth Director and led the Agency from 1988 to 1989. Dr. Vic Reis was DARPA's fourteenth Director and led the Agency from 1990 to 1992. Dr. Gary Denman was DARPA's fifteenth Director and led the Agency from 1992 to 1995. Dr. Frank Fernandez was DARPA's seventeenth Director and led the Agency from 1998 to 2001. Please join me in a round of applause for these Great Americans. I encourage all of you to meet them during the evening. Thank you, Mr. Directors.

There are other special guests in the audience that I want to recognize. Again please stand as I call your names. Mr. John Young, is the Under Secretary of Defense for Acquisition, Technology, and Logistics, and has helped DARPA for years. Dr. Don Winter leads our nation's naval forces as the Secretary of the Navy, and was a DARPA Program Manager in 1982. You saw his program mentioned in the movie –Talon Gold. Mr. Ryan Henry is the Principal Deputy Under Secretary of Defense for Policy and was a DARPA Program Manager in the mid 90s doing spooky stuff. Dr. Jim Tegnalia is the Director of the Defense Threat Reduction Agency and was DARPA PM and Deputy Director. Also here tonight is Larry Roberts. Larry led DARPA's Information Processing Technology Office to develop the ARPANET which had as a Program Manager. Dr. Bob Kahn, who developed the TCP/IP protocols used to transmit traffic across the Internet and received the 2005 Presidential Medal of Freedom along with Vint Cerf, another PM, for these efforts. Admiral (retired) Jay Cohen, Department of Homeland Security, Under Secretary for Science & Technology and a long-time supporter of DARPA's efforts. General Duncan McNabb is the Air Force Vice Chief of Staff and is leading new Air Force partnerships with DARPA. Mr. Tom Kelly is the Deputy Under Secretary of the Army and a DARPA supporter for years. Admiral Bill Landay is Chief of Naval Research and a partner on many DARPA

Projects. Brigadier General David Eichhorn is Commander of the Air Force Flight Test Center at Edwards which has seen many DARPA successes...and failures.

Finally, I want to especially recognize the following group. We have Dr. Don Kerr, the Principal Deputy Director of National Intelligence who is a good friend and has been involved in so many DARPA efforts over the years that he should have been a DARPA Program Manager. Mr. Chris Inglis is the Deputy Director of the National Security Agency and is helping DARPA with key projects. Ms. Melissa Hathaway is the Senior Advisor to the DNI and involved in new efforts to protect our nation's networks. Last...but most certainly not least is Dr. Lisa Porter who was a DARPA Program Manager until 2005. Lisa is the first Director of the new Intelligence Advanced Research Projects Activity, starting on its path to a 50 year anniversary. If I missed someone out there, please forgive me.

Actually there are 1600 VIP's here tonight and I wish I could recognize you all. But, Ron Kurjanowicz would have a cow! So just let me say thank you for all that you have done and continue to do.

It's time to introduce a very special guest, Gordon England is the 29th Deputy Secretary of the Department of Defense. He also served as the 72nd and 73rd Secretary of the Navy, and was the first Deputy Secretary of the Department of Homeland Security. Prior to his government service, Mr. England was president of the General Dynamics Land Systems Company, president of Lockheed Fort Worth Company, executive vice-president of General Dynamics Information Systems and Technology Sector, and a consultant in mergers and acquisitions. Gordon England has given nothing but faithful support to DARPA. Simply put...DARPA would not have its successes without Gordon England's leadership and help. In fact, Gordon is responsible for me being here in this job today; just in case you were looking for who to blame. With that, please join me in welcoming one of DARPA's best friends, the Honorable Gordon England.