Agenda for Broadband Wireless Access and Applications Center (BWAC)  
CUA Site Planning Workshop  
Pangborn Hall, the Scullen Room,  
The Catholic University of America  
Washington, DC 20064  
Thursday, January 29, 2015

8:00 am          Participant Registration

8:00 – 9:00 am  Breakfast and Networking Time

9:00 – 9:10 am  Welcome Remarks – Ralph Albano, Associate Provost for Research  
(Speaker Introduced by Hang Liu)

9:10 – 9:30 am  Overview of the BWAC Center – Steve Patek, BWAC Site Director at Univ. of Virginia, (BWAC vision, capabilities, value proposition, and operation)

9:30 – 9:40 am  Overview of CUA Site Capabilities, Expertise, and Research Focus – Hang Liu

9:40 – 10:10 am  NSF I/UCRC Presentation – I/UCRC Program Director and Evaluator  
Thyagarajan Nandagopal, Alex Schwarzkopf, Carl Anderson, Denis Gray

10:10 – 10:30 am  Introduction and Brief Overview of Interests – All Participants

10:30 – 10:45 am  BREAK

10:45 – 12:20 am  Project Presentations (Session I)

10:45-11:10 am: MIMO-aware Cooperative Cognitive Radio Networks—Hang Liu


11:35 am – 12:00 pm: Medical Image Compression and Deduplication for Cloud Storage and Wireless Transmission—Lin-Ching Chang

12:00 – 12:20 pm: Adapted HMM for Robust Speech Recognition—Lin-Ching Chang
12:20 – 1:00 pm  LUNCH

1:00 – 3:00 pm  Project Presentations (Session II)

1:00 – 1:05 pm: Dean’s Remarks – Charles Nguyen, Dean of the School of Engineering

1:05-1:25 pm: iAge: Personalized Technologies for Facilitating Health, Wellness and Successful Aging—Binh Tran

1:25-1:55 pm: Reconfigurable Antenna and Beamformer Design—Ozlem Kilic


2:15-2:30 pm: Enhancement of CoAP Packet Delivery Performance for Internet of Things—Hang Liu

2:30-3:00 pm: Global Registration and Moving Objects Detection in Noisy Airborne Image Sequences—Nader Namazi/Georges Nehmetallah

3:00 – 3:15 pm  BREAK

3:15 – 3:40 pm  Industry Perspectives– All Participants

Discussion of projects and company, government lab, other organization needs NOT addressed in the earlier project presentations.

3:40 – 4:10 pm  L.I.F.E. FORM Review and Discussion- Dennis Gray (NSF evaluator moderated) companies, government labs, other organizations, site center participants, CUA faculty.

4:10 – 4:30 pm  CUA Site Response to Feedback from Workshop and L.I.F.E. Form Discussion

(Session Lead: Dennis Gray, Panel: center and site directors, CUA faculty)

4:30 – 5:15 pm  NSF Closed Session with Industry, Companies, Organizations, Government Labs, (Participants: NSF, companies, organizations, government labs)

5:15 – 5:30 pm  Next Steps, Action Items & Closing Remarks

(Session Lead: Hang Liu), All participants

5:30 – 6:30 pm  Poster Session (Pryzbyla Center, Great Room B)

6:30 pm  DINNER (Pryzbyla Center, Great Room C)