The Hampton Roads Chapter
American Helicopter Society

&

The Colonial Virginia Chapter
Army Aviation Association of America

Invite Members and Guests
To attend a Luncheon & Presentation on

Crew Aiding in the Cockpit: A Short History and a Glimpse into the Future
- Past R&D, including Rotorcraft Pilot's Associate (RPA)
  - Lessons learned
  - Aiding Functions
- Applications to Manned-Unmanned Teaming
- Optionally-piloted and Future Vertical Lift (FVL)

Keith Arthur - Team Lead, AATD
Ray Higgins – Aerospace Engineer, AATD

Date: Tuesday, 25 June, 2013

Time: 11:30 Social
      12:00-13:00 Luncheon buffet/Guest Speaker

Location: Fort Eustis Club, Upstairs - ABC

Menu: Buffet – Herb Roasted Chicken & Roast Beef, Mashed Potatoes, Mixed Vegetable, Chef’s Dessert, Tea & Coffee

Cost: $10.00 for members, $15 for non-members (tax and gratuity included)

Deadline for reservations: Tuesday, 18 June, 2013  RSVP @ AHS-HRC.org

POCs: Allie Eschenbach – Allie12158@gmail.com  757-878-6660 x2253
      Shawn Hefner – ahs.hrc.vp@gmail.com or 757-912-5280

All are welcome!!
No-shows and late cancellations will be billed!

Speaker Biographies

Keith Arthur
Team Lead, Teaming & Intelligent Systems
Systems Integration Division
Aviation Applied Technology Directorate
Aviation Development Directorate

Keith Arthur currently leads the Teaming & Intelligent Systems Team at the Aviation Applied Technology Directorate (AATD), Aviation Development Directorate (ADD), Fort Eustis, VA. Mr Arthur's team manages Research and Development efforts in autonomy for both manned and unmanned aircraft, and the technologies to enable Manned-Unmanned Teaming. Prior efforts his team has managed, or played a key role in, include Rotorcraft Pilot's Associate (RPA), Hunter Standoff Killer Team (HSKT) ACTD, VUIT2 / MUM-T, and the foundations of Bi-Directional Remote Video Terminal (BDRVT).

Raymond Higgins
Aerospace Engineer, Teaming & Intelligent Systems
Systems Integration Division
Aviation Applied Technology Directorate
Aviation Development Directorate

Raymond (Ray) Higgins is lead system engineer on the Teaming & Intelligent Systems Team at the Aviation Applied Technology Directorate (AATD), Aviation Development Directorate (ADD), Fort Eustis, VA. Ray served as the government lead for development of the Cockpit Information Manager and pilot interface of the Rotorcraft Pilot's Associate (RPA) program. He performed key roles in the Airborne Manned-Unmanned Systems Technology Demonstrator (AMUST-D) and the Hunter Stand-off Killer Team ACTD efforts, as well as the Unmanned Autonomous Collaborative Operation (UACO) effort which developed and demonstrated advanced tactical behaviors in teams of UAVs. His visionary thinking and hard work also led to the fielding of the UAS PM's Bi-Directional Remote Video Terminal (BDRVT). Ray is currently advising the Apache PM on decision aiding for Block III.