

UND HASP Monthly Status Report for March 2010

- 1) Shannon Negaard – organized and ran the collective PDR, with participants from 2008 and 2009 HASP projects (this event was rescheduled a number of times, due to various participant schedule conflicts); is currently training in two new team members, updating them on previous years' designs and giving them ideas of what to change this year

Dr. Ron Fevig – set up the software and initiated the PDR mentioned above; has been working on recruiting students, especially amongst the embedded systems class; working diligently on obtaining additional funding

Dr. Naima Kaabouch – also working on recruitment (the embedded systems class is her own); also working on funding activities

Crystal Kelly – new team addition; studying recent years' systems

Jonathan Snarr – new team addition; distance student in Utah; also studying recent years' systems

- 2) The major issue to be addressed this year is still the software interface – a seamless and fast way of computing and displaying data. The software from last year should prove to be helpful, but an automated form would be ideal.

The mechanical structure from 2009 is going to be kept, but testing is desired to determine if the 1-hole or 2-hole format is more functionally sound.

- 3) Our PDR spanned all of the mainland U.S. time zones and 3 years of participants. The online conferencing software made it possible to share ideas quickly, generate discussion with those who cannot attend our weekly meetings, and come to decisions that would have taken much more time and effort to make otherwise.
- 4) New members include Crystal Kelly and Jonathan Snarr. Crystal is a double major: EE and ME; Jonathan is an EE student with several years of embedded systems experience. Dr. John Nordlie was also in attendance at the team's PDR. He is remaining in contact with the team, should we require his expertise during the design process.

The current team leader is Shannon, and Dr.'s Fevig and Kaabouch are the faculty advisors.