



HIS WHEELS INTERNATIONAL

Bikes & Hand-Pedaled Trikes

NEWSLETTER

Providing pedal-powered transportation for the able and disabled with dignity

November 2013, Volume 8 Issue 3

Trike Tour Week

Spring Arbor University (SAU): On October 14, 2013, three His Wheels team members met with 3 SAU department heads, along with a business professor who teaches in Immanuel University's newly formed Masters of Business program in Hyderabad, India. The 7 of us brainstormed ways that we could collaborate about creating innovative entrepreneurship opportunities, while providing trikes for those in India with lower extremity disabilities.

We also explored and discussed ways students from multiple academic disciplines can participate in cross-cultural educational experiences that would broaden their horizons and understanding of what God can do when people from diverse backgrounds work together. Please pray with us that God continues to open doors for us to pedal through.

Anderson University (AU): The next day, Tuesday, October 15th, Kevin and Alice traveled on to AU. There they met with the newly accredited engineering department. First they had lunch with 4 faculty members and spent time getting to know each other.

Afterwards during what was to be an engineering lab, Kevin and Alice talked with the first freshman engineering class of 17 students along with about 7 of the professors.

When they arrived back home five hours later, they received the following email: "Thank you... I want to impress upon you the excitement that has been stirred here at AU. It is really

encouraging to witness another's passion and commitment toward the work of Christ. ... My students had a great opportunity to creatively think about engineering and, in particular, design."

Wheaton College (WC): Then on Thursday, October 17th, Kevin and Alice were invited to meet with the newly formed engineering club at WC. There they shared about the University Trike Consortium and how the students just down the street from HWI could also join in.

Among the 10 engineering students and faculty members present, Kevin and Alice spurred on some good discussion. That got the creative juices of students flowing. Afterward they joined in on a tour of the WC's new engineering workshop.

The beauty of the HWI trike is that HWI has intentionally made it a non-proprietary product. As a result we are able to share the culture of innovation we have created at HWI with students on College and University campuses. Doing so allows us to mine the creativity of students across a wide array of disciplines. The students are also able to explore ways that their talents, interests, passions, education and life experiences can be used to expand Christ's Kingdom both in the USA and throughout the world. This generation of students is passionate about finding ways to give back and thus the trike creates much excitement and energized discussion.

In God's economy nothing is ever wasted, and so it is encouraging to see students using their transferrable skills in diverse contexts.

Olivet Nazarene University

Back in August Kevin and Alice met with Dr. Ken Johnson, Department Chair,* and Mario Sanders, Faculty Member, within the Engineering Department at Olivet Nazarene University (ONU). They discussed a possible partnership whereby 4 senior engineering students could do a yearlong neuro-engineering project with the trike.

Less than 3 weeks later Kevin and Alice returned to ONU to meet with the 4 HWI trike team students that were picked. Upon their arrival Dr. Johnson informed them that of the 10 senior projects that 28 students had the opportunity to choose from HWI was the top ranked project picked by the most students.

ONU's HWI team consists of two mechanical, an electrical and a computer engineering student. There are two men and two women on the team.

Their problem statement is: "Researching and developing a prototype and working model of an EEG [brain wave] which will power a visually evoked trike. The working trike should be able to mobilize fully paralyzed passengers based upon neurological, or electrochemical, cues." Alice's way of summing this up is, "If a quadriplegic can think which way to move the trike, then they can move it."

In a recent project finding the team wrote, "Since electroencephalography (EEG) technology and mind-powered tools are such a novel concept, it is difficult to determine to what extent similar territory has been covered as there is not much accessible knowledge towards it yet."

**On November 2, 2013, Dr. Johnson died suddenly. Please pray for the entire ONU community as they mourn this tragic loss.*

HWI's Trike Headlines

The complete stories of the brief headlines below can be read at this link. To stay up to date on the latest HWI news visit our website often.

<http://www.hiswheels.org/category/journal/>

- In September Ife, a senior journalism student from Roosevelt University, began a semester long internship at HWI
- As of September HWI can add Niger to the list of countries with an HWI trike.
- In October it became apparent that one of the next steps for our University Consortium will be developing a database. Fred, a volunteer has already begun researching, and networking to figure out what tools and information HWI will need for this process.
- On December 5, 2013, Kevin and Alice will head to Taylor University in Upland, Indiana, to meet with the engineering faculty there.

It is hard to imagine that in May 2014 we begin our 10th year of ministry. You are the reason we are still going strong. Thanks for your encouragement, prayers, help, and financial support. God constantly amazes us by all the doors He continues to open on our behalf.

Sing His Praises and Celebrate His Coming this Thanksgiving and Christmas Season.

*On Behalf of the entire HWI team,
Alice Teisan, Founder & Executive Director*

