

## Go Baby Go Workshop

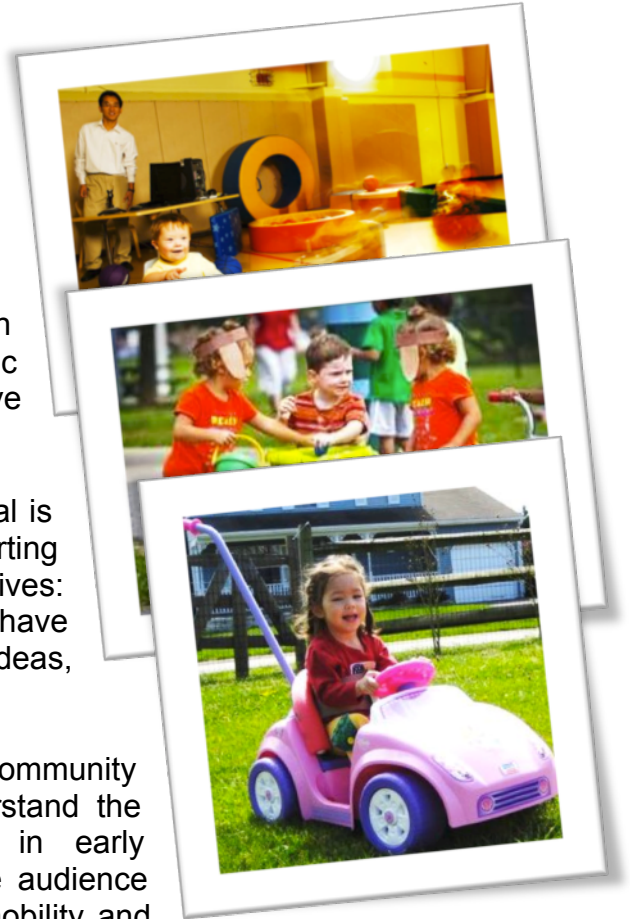
### **Structure of workshop:**

- **Seminar:** We will explore recent advances in science, training, and technology that are quickly closing the gaps in providing power mobility to young children. In addition, we will address practical issues and barriers to real world implementation such as incorporating power mobility into schools, homes and communities.
- **Build session:** A hands on workshop in which participants get to assist in the basic modification of seating, steering and drive systems to prepare a ride-on car for a child.

**A ‘brains on’ and ‘hands on’ course:** Our goal is to provide information and resources supporting early power mobility from multiple perspectives: research, clinic and family. Participants will have opportunities to discuss their own thoughts and ideas, as well as get hands on experience.

This workshop is ideal for professionals, community members and families seeking to better understand the practical implementation of power mobility in early childhood. More importantly, we will challenge audience perspectives on the future of pediatric power mobility and provide a forum for the open discussion of the barriers to and opportunities for infants (and young children?) with mobility impairments to explore their world.

This workshop specifically addresses the call for more information and training on assistive technology. For example, Long and Perry (2008) found that pediatric therapists “*reported having less-than-adequate training in AT [assistive technology] and a lack of confidence in delivering AT services. They also reported that they would like accessible and affordable training that focuses on funding technology and services, knowledge of specific devices, and assessment and evaluation methods.*”



The latest RESNA (Rehabilitation Engineers Society of North America) position paper on pediatric power mobility “...recommends early utilization of Powered Mobility for the appropriate candidates as medically necessary, to promote psycho-social development, reduce learned helplessness, and to facilitate social and educational integration and independence.”

### **Presenter Information**

#### **James C. (Cole) Galloway, Ph.D., PT**

Dr. Galloway is the Director of the Pediatric Mobility Lab and Design Studio and Professor of Physical Therapy at the University of Delaware. Dr. Galloway began focusing on motor behaviors in infants following a Postdoctoral Fellowship with Dr. Esther Thelen at Indiana University. His research focuses on advancing the exploratory abilities of infants and young children through family-based interventions and reality-based technology. Dr. Galloway's lab has received funding from the NIH, NSF, toy industry, and Foundation for Physical Therapy. He also received the Outstanding New Academic Faculty Member in 2005 (at UD?) and the SOP Research Award in 2009.



#### **Sam Logan, PhD**

Dr. Logan joined the Infant Behavior Lab in 2012 as a Post Doctoral Fellow. He has training and experience in early childhood education, psychology, exercise science and kinesiology. His research has focused on assessing and advancing motor learning and coordination in typically developing children as well as in those with special needs. His current projects at UD focus on quantifying the role of mobility and socialization in early childhood as well as directing the Racecar Project. He received the Outstanding Doctoral Student award at Auburn University in 2012.



### **OTHER RESOURCES:**

<https://www.facebook.com/UDGoBabyGo>

<http://www.udel.edu/PT/About%20Us/People/galloway.html>

<http://www.udel.edu/gobabygo/>

## **Select References**

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## SAMPLE WORKSHOP AGENDA and OVERVIEW

**Go Baby Go:  
Providing mobility and sociability to kids with disabilities**

**Cole Galloway, PT, PhD & Sam Logan, PhD**

**October 16th, 2014: Morning/Afternoon (8 a.m.- 4 p.m.)- 1 hr lunch and/or breaks**

**\*\*\*\*\*NOTE: There is the potential of someone replacing one or both of us. We have several workshops scheduled and sometimes events come up out of our control that leads us to not be able to attend. In these cases, experienced individuals will always replace us.**

### **Course description:**

**This course will explore recent advances in science, training, and technology that are quickly closing the gaps in providing movement experiences to young children. In addition, we will address practical issues and barriers to real world implementation such as incorporating assistive technology into the realities of life in schools, homes and community. A 'brains on' and 'hands on' course: Our goal is to provide information and resources supporting assistive technology from multiple perspectives: research, clinic and family. Participants will have many opportunities to discuss their own thoughts and ideas, as well as get hands on experience. This course is relevant for professionals, community members and families seeking to better understand the practical implementation of assistive technology in early childhood. More importantly, we will challenge audience perspectives on the future of pediatric rehabilitation and provide a forum for the open discussion of the barriers to and opportunities for infants with mobility impairments to explore their world.**

### **Course Objectives:**

**This course, including lecture and workshop, will accomplish the following objectives:**

- **Present a background of the recent advances in science, training, and technology related to mobility behaviors in early childhood.**
- **Facilitate a discussion regarding the barriers and facilitators of providing access to clinicians and families of low-cost, fun, and functional pediatric assistive technology devices**
- **Provide a hands-on workshop that will include several skills necessary to modify a ride-on toy car**

**Participant's Name: \_\_\_\_\_**

**October, 16<sup>th</sup>, 2014: Morning and Afternoon (8 a.m.- 4 p.m.)  
Contact hours: 7**

## Estimated Budget

Total Travel Budget: \$1,200

Expenses to/from airport: \$50 per person x 2 people = \$100

Flight: \$400 per person x 2 people = \$800

Hotel: \$150 per person x 2 people = \$300

REQUESTED HONORARIUM: TBD

The easiest way to donate is through our secure website, <http://www.udel.edu/makeagift>, and enter "Go Baby Go" in the "Other" designation box.

If you prefer to mail a check, make it payable to University of Delaware and mailed to the attention of Ruth Rosenberg/Go Baby Go at the Department of Development and Alumni Relations, 83 East Main Street, Third Floor, Newark, DE 19716.

## Workshop Details

Cars Need to be Purchased and Brought to Workshop:

We ask that participants/agencies/etc. purchase and bring cars to the workshop. It is most important that everyone brings the exact same car (see link below). The supplies we bring will be specifically for this model and we have found this is the best approach for the workshops.

[http://www.amazon.com/Wheels-Disney-Lightning-McQueen-Hudson/dp/B004M2HNO8/ref=sr\\_1\\_1?ie=UTF8&qid=1401288235&sr=8-1&keywords=lightning+mcqueen+ride-on+car](http://www.amazon.com/Wheels-Disney-Lightning-McQueen-Hudson/dp/B004M2HNO8/ref=sr_1_1?ie=UTF8&qid=1401288235&sr=8-1&keywords=lightning+mcqueen+ride-on+car)

\*\*\*\*\*The availability of these cars tends to go up and down. I highly, highly recommend everyone purchasing a car ASAP because if anyone waits, there could be trouble finding them, But, if ordered this far in advance it shouldn't be a problem at all.

Each Car Needs to Bring the Following Supplies:

-1 'Big Red' switch <http://webstore.ablenetinc.com/big-red-twist/p/10033500/>

-1 swimming kickboard

-1 giant fun noodle

-1 package of velcro [http://www.amazon.com/Velcro-Industrial-Strength-Sticky-Back-Fasteners/dp/B00006RSP1/ref=sr\\_1\\_1?ie=UTF8&qid=1389639307&sr=8-1&keywords=industrial+strength+velcro](http://www.amazon.com/Velcro-Industrial-Strength-Sticky-Back-Fasteners/dp/B00006RSP1/ref=sr_1_1?ie=UTF8&qid=1389639307&sr=8-1&keywords=industrial+strength+velcro)

We ask that participants/agencies/etc. purchase and bring the above listed supplies.

We will bring the rest of the supplies (PVC, nuts/bolts, wire nuts, toggle switches, etc.). We will also bring most of the tools. It would be great to have 2-3 additional power drills complete with drill bit sets on site.

We ask that you communicate with participants beforehand and ask them to invite a family to the end of the workshop (around 2:30 p.m. or so- if ending at 4 p.m.). This will give allow us to end with a play session with a group of children driving the car. This is a really great opportunity to show everyone the immediate fun and impact the cars can have on children.

Also, please feel free to invite any local media. We encourage the participants and workshop organizers to be front and center to highlight the workshop to the community.

Finally, please involve other organizations or community group as you see fit. We hope that the workshop is just a start to a local Go Baby Go presence. We hope that the workshop identifies key people who are interested in continuing the program.