

Christina Berdos Ragonesi

Doctorate of Physical Therapy Student
PhD Graduate Student
University of Delaware
Infant Behavior Lab
(302) 831-3214
CLBR@udel.edu

EDUCATION

Grove City College	BS	2008	Biology, Psychology
University of Delaware	DPT	Expected graduation: 2012	Physical Therapy
University of Delaware	PhD	Expected graduation: 2014	Biomechanics and Movement Science

Biomechanics and Movement Science Program PhD coursework completed as of May 2010, with GPA: 3.81.

RESEARCH

Doctoral Work, University of Delaware, Biomechanics and Movement Science Program, Dept. of Physical Therapy, 2008 – present
Professor J. Cole Galloway
Developmental effects of early power mobility for very young infants with mobility impairments.

PUBLICATIONS

Chen, X., **Ragonesi, C.**, Galloway, J.C., Agrawal, S.K., Training Toddlers Seated on Mobile Robots to Drive Indoors Amidst Obstacles, *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 2011, *In Press*.

Ragonesi C, Galloway JC. Short-term, Early Intensive Power Mobility Training: Case Report of an Infant at Risk for Cerebral Palsy. *Under Review* in *Pediatric Physical Therapy*.

Ragonesi C, Chen X, Agrawal S, Galloway JC. Power Mobility and Socialization in Preschool: Follow-up Case Study of a Child With Cerebral Palsy. *Accepted to Pediatric Physical Therapy*.

Ragonesi C, Chen X, Agrawal S, Galloway JC. 2010. Power Mobility and Socialization in Preschool: A Case Report on a Child with Cerebral Palsy. *Pediatric Physical Therapy*, 22(3): 322–329.

Chen, X., Liang, S., Dolph, S., **Ragonesi, C.**, Galloway, J.C., Agrawal, S.K., Design of a Novel Mobility Interface for Infants on a Mobile Robot by Kicking, *ASME Transactions Journal of Medical Devices*, 4(3):031006, 2010.

PEER-REVIEWED ABSTRACTS AND CONFERENCE PAPERS

Ragonese C, Chen X, Agrawal S, Galloway JC. Power Mobility and Socialization Training in a Preschool Classroom for a Child with Cerebral Palsy. *APTA Combined Sections Meeting, New Orleans, LA. February 2011.*

Ragonese C, Galloway JC. Initial Effects of Intensive Power Mobility Training for an Infant at Risk for Cerebral Palsy. *APTA Combined Sections Meeting, New Orleans, LA. February 2011.*

Schoepflin, Z.R., Chen, X., **Ragonese, C.**, Galloway, J.C., Agrawal, S.K., Design of a Novel Mobility Device Controlled by the Feet Motion of a Standing Child, *In Proc. IEEE Int. Conf. Reh. Rob.*, 2011, *Accepted.*

Ragonese C, Chen X, Agrawal S, Galloway JC. Power Mobility and Socialization in Preschool: A Case Report on a Child with Cerebral Palsy. *NASPSPA Conference, Tuscan, AZ. June 2010.*

Ragonese, C. B., Ge, J., Sridhar, M., Mageid, A., Yang, E., Blair, C., Vel, P., Chen, X., Agrawal, S., Galloway, J. C. 2010. The Utilization of Mobility for Socialization in Children with Special Needs: A Case Report. *International Conference for Infant Studies, Baltimore, MD. March 2010.*

Chen, X., **Ragonese, C.**, Agrawal, S.K., Galloway, J.C., Training Toddlers Seated on Mobile Robots to Drive Indoors Amidst Obstacles, *In Proc. IEEE Int. Conf. Biomedical Robotics and Biomechatronics, 2010.*

Have also presented research outcomes at various local University and community meetings.

PROFESSIONAL SOCIETIES

American Physical Therapy Association (6/2010 – present)

IN THE NEWS

UDaily: *Force feedback joysticks help infants using mobile robots avoid obstacles.*
<http://www.udel.edu/udaily/2011/mar/joysticks-infants-robots-030911.html>
3/9/2011

Odom, Amy (ed). 2010. Directions: The Official Publication of the National Registry of Rehabilitation Technology Suppliers. Volume 2010.5: pg 46-51.
<http://www.editionduo.com/publication/?i=48247&pre=1>

UDaily: *High school students participate in 'babies driving robots' project.*
<http://www.udel.edu/udaily/2010/jan/robots010410.html>
01/12/2010

Science Illustrated. November/December 2009 issue page 20.
Smart Wheelchair for Babies and Tots (Science Illustrated)

Insights Into Spina Bifida: Spina Bifida Association Magazine. Fall 2009. Babies Driving Robots: Advances in Infant Mobility. Volume 2 (Number 4): pages cover and 12-14.

September 6, 2009. *The News Journal*. Free Wheeling: US Helps a 3-year-old with Cerebral Palsy Get around – While Giving Other Kids Hope. Pages A1 and A7.
<http://www.delawareonline.com/article/20090906/HEALTH/909060350/1006/>

UDaily: *Early Learning Center enables implementation of mobility immersion*.
<http://www.udel.edu/udaily/2010/aug/mobility080309.html>
08/03/2009

ScienCentral: *Baby Motor Chairs*
http://www.sciencentral.com/articles/view.php3?article_id=218393222
05/08/2009

Ragonesi, C., 2009. Babies Driving Robots at UD: Drivers Wanted. *Brainstorming: Brain Injury Association of Delaware Vol. 7 Issue 1*: 14.
http://www.biausa.org/Delaware/docs/2009_brainstorming_winter_spring.pdf

REFERENCES

To be furnished upon request