



The faculty and students working with The Clinic for Autism Research, Evaluation and support (CARES) are actively involved in research and collaborate with researchers from around the world. The research conducted by CARES' faculty is designed to improve the quality of life and educational outcomes of people with autism spectrum disorders and other intellectual and physical disabilities. Below is a list of selected publications.

## 2011 Peer Reviewed Research Publication

**Klose, L.G., Plotts, C.,** Kozeneski, N., & Skinner-Foster, J. (in press). A review of assessment tools for diagnosis of autism spectrum disorders: Implications for school practice. *Assessment for Effective Intervention*.

Chan, J., O'Reilly, M., **Lang, R., Boutot, A.,** Baker, W., White, P., & Pierce, N. (in press). Evaluation of a social stories intervention implemented by pre-service teachers for students with autism in general education settings. *Research in Autism Spectrum Disorders*, 5, 715-721.

Lancioni, G. E., Bellini, D., Oliva, D., Singh, N. N., O'Reilly, M. F., **Lang, R.,** & Didden, R. (2011). Camera-based microswitch technology to monitor mouth, eyebrow, and eyelid responses of children with profound multiple disabilities. *Journal of Behavioral Education*, 20, 4-14.

Lancioni, G. E., Nirbhay, S. N., O'Reilly, M. F., Sigafos, J., Green, V., Olivia, D., & **Lang, R.** (2011). Microswitch and keyboard-emulator technology to facilitate the writing performance of persons with extensive motor disabilities. *Research in Developmental Disabilities*, 32, 576-582.

**Lang, R.,** Kuriakose, S., Lyons, G., Mulloy, A., **Boutot, A.,** Britt, C., Caruthers, S., Ortega, L., O'Reilly, M., & Lancioni, G. (2011). Use of school recess time in the education and treatment of children with autism spectrum disorders: A systematic review. *Research in Autism Spectrum Disorders*, 5, 1296-1305.

**Lang, R.,** Mahoney, R., Zein, E. Z., Delaune, E., & Amidon, M. (2011). Evidence to practice: Anxiety in autism spectrum disorders. *Neuropsychiatric Disease and Treatment*, 7, 1-4.

**Lang, R.,** Mulloy, A., Giesbers, S., Pfeiffer, B., Delaune, E., Didden, R., Sigafos, J., Lancioni, G., & O'Reilly, M. (2011). Behavioral interventions for rumination and operant vomiting in individuals with intellectual disabilities: A systematic review. *Research in Developmental Disabilities*, 32, 2193-2205.

**Lang, R.,** & Page, S. (2011). Benefits of teacher collaboration across varying stages of the research process. *Intervention in School and Clinic*, 46, 230-234.

**Lang, R.,** Register, A., Mulloy, A., Rispoli, R., & Botout, A. (2011). Behavioral intervention to treat selective mutism across multiple social situations and community settings. *Journal of Applied Behavioral Analysis*, 44, 623-628.

Langthorne, P., McGill, P., O'Reilly, M., **Lang, R.,** Machalicek, W., Chan, J., & Rispoli, M. (2011). Examining the function of problem behavior in fragile X syndrome: A preliminary experimental analysis. *American Journal of Intellectual and Developmental Disability*, 116, 65-80.

Mulloy, A., **Lang, R.**, O'Reilly, M., Sigafoos, J., Lancioni, G., & Rispoli, M. (2011). Addendum to "Gluten-free and casein-free diets in the treatment of autism spectrum disorders: A systematic review." *Research in Autism Spectrum Disorders*, 86-88.

Pituch, K. A., Green, V. A., Didden, R., **Lang, R.**, O'Reilly, M. F., Lancioni, G. E., & Sigafoos, J. (2011). Parent reported treatment priorities for children with autism spectrum disorders. *Research in Autism Spectrum Disorders*, 5, 135-143.

Radstaake, M., Didden, R., Bolio, M., **Lang, R.**, Lancioni, G. E., & Curfs, L. (2011). Functional assessment and behavioral treatment of skin-picking in a teenage girl with Prader-Willi Syndrome. *Clinical Case Studies*, 10, 67-78.

Ramdoss, S., **Lang, R.**, Mulloy, A., Franco, J., O'Reilly, M., Didden, R., & Lancioni, G. (2011). Use of computer-based intervention to improve communication in individuals with autism spectrum disorders: A systematic review. *Journal of Behavioral Education*, 20, 55-76.

Ramdoss, S., Mulloy, A., **Lang, R.**, O'Reilly, M., Sigafoos, J., Lancioni, G., Didden, R., & El Zein, F. (2011). Use of computer-based interventions to improve literacy skills in students with autism spectrum disorders: A systematic review. *Research in Autism Spectrum Disorders*, 5, 1306-1318.

Rispoli, M., O'Reilly, M., **Lang, R.**, Machalicek, W., Davis, T., Lancioni, G., & Sigafoos, J. (2011). Effects of motivating operations on aberrant behavior and academic engagement for two students with autism. *Journal of Applied Behavior Analysis*, 44, 187-192.

Shogren, K. A., **Lang, R.**, Machalicek, W., Rispoli, M., & O'Reilly, M. (2011). Self-versus teacher-management of behavior for elementary school students with Asperger syndrome: Impact on classroom behavior. *Journal of Positive Behavioral Interventions*, 13, 87-96.

Sigafoos, J., Kagohara, D., van der Meer, L., Green, V. A., O'Reilly, M. F., Lancioni, G. E., **Lang, R.**, Rispoli, M., & Zisimopoulos, D. (2011). Communication assessment for individuals with Rett syndrome: A systematic review. *Research in Autism Spectrum Disorders*, 5, 692-700.

Van Vonderen, A., Duker, P., Didden, R., **Lang, R.**, & Lancioni, G. (2011). Effects of self-management and supervisory feedback on trainers' response prompting during communication training. *Developmental Neurorehabilitation*, 14, 29-35.

White, P., O'Reilly, M., Fragale, C., Kang, S., Muhich, K., Falcomata, T., **Lang, R.**, Sigafoos, J., & Lancioni, G. (2011). An extended functional analysis protocol assesses the role of stereotypy in aggression in two young children with autism spectrum disorder. *Research in Autism Spectrum Disorders*, 5, 784-789.

## 2010 Peer Reviewed Research Publication

Boisvert, M., **Lang, R.**, Andrianopoulos, M., & Boscardin, M.L. (2010). Telepractice in the assessment and treatment of individuals with autism spectrum disorders: A systematic review. *Developmental Neurorehabilitation*, 13, 423-432.

Didden, R., Sigafoos, J., Korzilius, H., Smeets, E., **Lang, R.**, Lancioni, G., & Curfs, L. (2010). Communication in individuals with Rett syndrome: An assessment of forms and functions. *Journal of Developmental and Physical Disabilities*, 22, 105-118.

Kagohara, D. M., van der Meer, L., Achmadi, D., Green, V. A., O'Reilly, M. F., Mulloy, A., Lancioni, G. E., **Lang, R.**, & Sigafos, J. (2010). Behavioral intervention promotes successful use of an iPod-based communication device by an adolescent with autism. *Clinical Case Studies, 9*, 328-338.

Kang, S., **Lang, R.**, O'Reilly, M. F., Davis, T., Machalicek, W., Rispoli, M., & Chan, J. M. (2010). Problem behavior during preference assessments: An empirical analysis and practical recommendations. *Journal of Applied Behavior Analysis, 43*, 137-141.

**Lang, R.**, Davis, T., O'Reilly, M. F., Machalicek, W., Rispoli, M. J., Sigafos, J., Lancioni, G., & Regeister, A. (2010). Functional analysis and treatment of elopement across two school settings. *Journal of Applied Behavior Analysis, 43*, 113-118.

**Lang, R.**, Didden, R., Machalicek, W., Rispoli, M., Sigafos, J., Lancioni, G., Mulloy, A., Regeister, A., Pierce, N., & Kang, S. (2010). Behavioral treatment of chronic skin-picking in individuals with developmental disabilities: A systematic review. *Research in Developmental Disabilities, 31*, 304-315.

**Lang, R.**, Koegel, L., Ashbaugh, K., Regeister, A., Ence, W., & Smith, W. (2010). Physical exercise and individuals with autism spectrum disorders: A systematic review. *Research in Autism Spectrum Disorders, 4*, 565-576.

**Lang, R.**, O'Reilly, M., Sigafos, J., Machalicek, W., Rispoli, M., Lancioni, G., Aguilar, J., & Fragale, C. (2010). The effects of an abolishing operation intervention component on play skills, challenging behavior, and stereotypy. *Behavior Modification, 34*, 267-289.

**Lang, R.**, O'Reilly, M. F., Sigafos, J., Machalicek, W., Rispoli, M., Shogren, K., Chan, J. M., Davis, T., Lancioni, G. E., & Hopkins, S. (2010). Review of teacher involvement in the applied intervention research for children with autism spectrum disorders. *Education and Training in Autism and Developmental Disability, 45*, 268-283.

**Lang, R.**, Regeister, A., Lauderdale, S., Ashbaugh, K., & Haring, A. (2010). Treatment of anxiety in autism spectrum disorders using cognitive behavior therapy: A systematic review. *Developmental Neurorehabilitation, 13*, 53-63.

**Lang, R.**, Sigafos, J., Lancioni, G., Didden, R., & Rispoli, M. J. (2010). Influence of assessment setting on the results of functional analyses of problem behavior. *Journal of Applied Behavior Analysis, 43*, 565-568.

Machalicek, W., O'Reilly, M.F., Rispoli, M., Davis, T., **Lang, R.**, Hetlinger-Franco, J., & Chan, J. (2010). Training teachers to assess the challenging behaviors of students with autism using video teleconferencing. *Education and Training in Autism and Developmental Disability, 45*, 203-215.

Machalicek, W., Sanford, A., **Lang, R.**, Rispoli, M., Molfenter, N., Mebesha, M. (2010). Literacy interventions for students with physical and developmental disabilities who use aided AAC devices: A systematic review. *Journal of Developmental and Physical Disabilities, 22*, 219-240.

Mulloy, A., **Lang, R.**, O'Reilly, M., Sigafos, J., Lancioni, G., & Rispoli, M. (2010). Gluten-free and casein-free diets in the treatment of autism spectrum disorders: A systematic review. *Research in Autism Spectrum Disorders, 4*, 328-339.

Pituch, K. A., Green, V. A., Didden, R., **Lang, R.**, O'Reilly, M. F., Lancioni, G. E., Lisa Whittle, L., Hodis, F., & Sigafos, J. (2010). Rehabilitation priorities for individuals with Prader-Willi Syndrome. *Disability and Rehabilitation*, 32, 2009-2018.

Rispoli, M., Franco, J., Van der Meer, L., **Lang, R.**, & Camargo, S. (2010). The use of speech generating devices in communication interventions for individuals with developmental disabilities: A review of the literature. *Developmental Neurorehabilitation*, 13, 276-293.

Rispoli, M., Machalicek, W., & **Lang, R.** (2010). Subject review: Communication interventions for individuals with acquired brain injury. *Developmental Neurorehabilitation*, 13, 141-151.

O'Reilly, M., Rispoli, M., Davis, T., Machalicek, W., **Lang, R.**, Sigafos, Kang, S., Lancioni, G., Green, V., & Didden, R. (2010). Functional analysis of challenging behavior in children with autism spectrum disorders: A summary of 10 cases. *Research in Autism Spectrum Disorders*, 4, 1-10.