



**ROYAL ARCH RESEARCH ASSISTANCE  
CENTRAL AUDITORY RESEARCH CENTER**

**March 2010 through May 2010**

1. Dr. Joan Burleigh was invited to speak at the Autism Society of Colorado on March 10, 2010 in Denver, Colorado. Her presentation was entitled "Central auditory processing and autism spectrum disorders." This presentation was well-attended by various professionals which included educators, administrators, psychologists, occupational therapists, audiologists, speech and language pathologists, and families. The Central Auditory Research and Diagnostics Centers have received a number of referrals based on this presentation. As always, the General Grand Chapter of Royal Arch Masons, International was given recognition for their support of central auditory processing research.
2. A proposal of a paper was submitted for review to the American Speech Language and Hearing Association (ASHA) for consideration for presentation at the 2010 ASHA Convention in Philadelphia, PA. The title of the paper is "Central Auditory Processing and Autism Spectrum Disorders" and is being submitted by Burleigh, J., Locke, M., and Farrell, T. A total of 60 children and adults will be included in this study. Thirty children and adults will be included in the autism spectrum disorders group with 30 children and adults with central auditory processing disorder (CAPD) as their primary auditory dysfunction will comprise the comparison group. These children and adults were referred to the Central Auditory Diagnostic or Research Centers at the Able Kids Foundation for testing. Participants in the comparison group were not referred because of a primary condition such as significant language disorder, autism, attention deficit disorder (ADD), or attention deficit disorder with hyperactivity (ADHD).
3. Dr. Joan Burleigh's and Jo Waldron's most recent patent application was published by the U. S. Patent and Trademark Office in January 2010. This patent application is an exciting new patent which protects novel, inventive and patentable technology for addressing hearing loss and central auditory processing disorders. With this patent, new and exciting research can be accomplished.
4. Tessa Farrell, a recent graduate from Colorado State University has volunteered her time to assist us with the inputting of participation data into our database. This database allows us to track trends, analyze data points, and expand areas of interest and analysis with respect to various population groups. Tessa has volunteered hundreds of hours assisting us with database management and support. We certainly appreciate her spirit of volunteerism.

5. This past quarter, Respite Care's Chairman of the Board, Executive Director, and Director of Planned Giving in Loveland and Fort Collins, Colorado visited our offices to learn more about the Able Kids Foundation's research endeavors, diagnostic services and outreach initiatives. In addition, the director of a neurodevelopmental center visited our offices to learn more about the services provided through the Able Kids Foundation.
6. The director of the United Way 2-1-1 program granted approval to expand the number of web pages allotted to the Able Kids Foundation under their listing. Additional listings in over forty 2-1-1 program categories will be included with this expansion. Approval was also granted to expand and target over forty search engine optimization key search words specifically designed to drive our website information. The long term support and partnership presence with the General Grand Chapter of Royal Arch Masons, International and the Royal Arch Research Assistance (RARA) program are featured throughout all Foundation information and sites.
7. The staff at the Able Kids Foundation received an invitation to a dinner hosted by Cache La Poudre #11, Royal Arch Masons in Fort Collins, Colorado. The dinner was to honor RARA and central auditory processing research. To date, the quilt designed and produced by Mrs. Bobbie Ferguson for the state of Colorado has raised over \$1900 for central auditory processing research. We are very grateful for the support that we have been shown over the years.

Joan M. Burleigh, Ph.D.  
CEO and Co-Founder

June 1, 2010