

# iQsonics LLC Annual Report - 2021

## OUR MISSION



iQsonics integrates sound and neuroscience for health, education and fun. Our team of researchers, neuroscientists, programmers, musicians, artists, therapists, educators and entrepreneurs design products and services that reach the target population in clinics, schools and families at home.

## IQSONICS RESEARCH AND GRANTS



### NIH Music and Health grant proposal

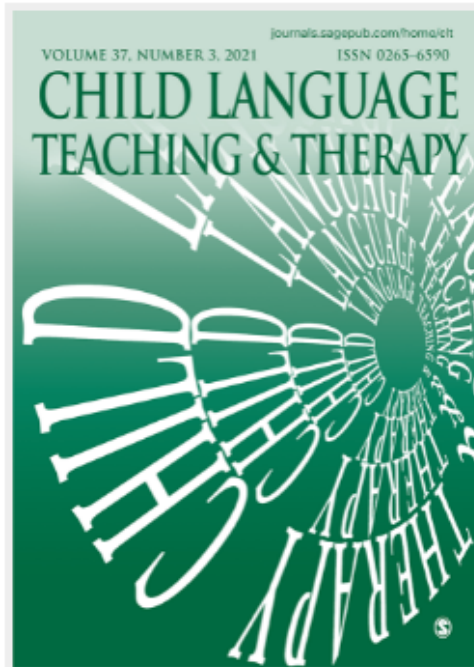
iQsonics joined forces with CHOC-TAC (Children's Hospital of Orange County, Thompson Autism Center), UCLA CART (Center for Autism Research and Treatment) and Cal State Fullerton, submitting a grant proposal to NIH initiative [Promoting Research on Music and Health: Phased Innovation Award for Music Interventions \(R61/R33 Clinical Trial Optional\)](#). If funded, the 5-year research study will begin in July 2022, and include a clinical trial of SS4Kids with 200 children with autism, with training for their parents and caregivers to effectively play the program at home with their children, and receive support from the SS4Kids Community of Practice of peers, professionals, administrators and subject matter experts. (This proposal replaces the previous submitted for NIH SBIR Phase 2 funding.)

We welcome our **research team investigators**: Dr. Jonathan ("Tom") Megerian, Director of CHOC-TAC; Dr. HyeKyeong Seung, Chair of the Communication Sciences and Disorders Dept. at CSUF, Dr. Hayoung Lim, Director of Music Therapy Clinic at ORU and iQsonics Director of Science; accompanying Co-Lead David Sonnenschein, CEO of iQsonics.

## [IQSONICS PUBLICATIONS AND PRESENTATIONS](#)

Publication in peer-reviewed journals is an essential part of establishing SS4Kids as an **Evidence-based Practice** within the fields of Education and Health. To be recommended and licensed by teachers, clinicians and administrators as an officially endorsed teaching tool or intervention, the Evidence-based Practice status assures quality and market value for all stakeholders.

### [Publications](#)



Based on the research results from Dept. of Education SBIR funded study, the article [“Effect of Sing and Speak 4 Kids: An Online Music-Based Speech and Language Learning Game for Children in Early Intervention”](#) was published in Child Language Teaching & Therapy international peer-reviewed journal. Authored by Dr. Hayoung Lim, ORU Music Therapy Clinic, Dr. Erica Ellis, Cal State Los Angeles Communication Disorders Dept., and David Sonnenschein, acceptance in this professional journal helps establish SS4Kids as an evidence-based practice for clinical and educational institutions around the world.

Authored by Dr. Hayoung Lim, PhD Music Education, and David Sonnenschein, the article [“Telepractice: Parent-Mediated Implementation of Sing and Speak 4 Kids”](#). [IMAGINE \(Summer 2021, Vol. 12, No.1\)](#) offered info on current music therapy interventions to music therapists, early childhood educators, daycare professionals, administrators, researchers and parents.



## Conference Presentations



iQsonics team of Dr. Lim, Dr. Ellis and Sonnenschein presented SS4Kids program to the Division for Early Childhood (DEC) 37th Annual International Conference on Young Children with Disabilities and their Families. DEC is one of 17 divisions of the Council for Exceptional Children (CEC), the largest professional organization dedicated to improving the educational success of individuals with disabilities and/or gifts and talents to their large audience of professionals and educators.



**All Abilities Resource Fair**  
**Feria de Recursos para**  
**Todas las Habilidades**

**Virtual Event / Evento Virtual**  
**October 23, 2021**  
10:00am-1:00pm

[www.csun.edu/family-focus-resource-center/aarf](http://www.csun.edu/family-focus-resource-center/aarf)

iQsonics was honored to be part of the virtual All Abilities Resource Fair hosted by Cal State University Northridge (CSUN) Family Focus Resource Center, presenting SS4Kids program as an evidence-based online game to help young children with speech delays and disabilities on how to speak.

## **IQSONICS TEAM GROWS!**

2021 continued to be a time of expanding our personnel in many areas with a great group of experienced “newcomers” to our company. Welcome aboard!

### **Research and Clinical Practice**



**HyeKyeung Seung**, PhD Communication Disorders, serves as a Co-Investigator on our NIH grant proposal and research advisor. She is qualified as a CCC-SLP, ASHA member, and Chair of the Dept. of Communication Sciences and Disorders, CSU Fullerton. Her research focuses on how best to help nonverbal children with autism to develop verbal communication skills, and is disseminated in prestigious publications such as the Journal of Speech, Hearing, and Language Research. Since 2007, she has hosted a monthly parent support group that empowers Korean-American mothers who have children with autism.

### **Marketing, Outreach and Social Media**



**Kelly Yates**, our Social Media Marketing manager, is an Attorney by trade but has chosen to follow her passion in social media marketing. She loves working with families and children, and having left the gruesome world of child abuse, she is thrilled to work with SS4Kids to help speech-delayed children. She lives in a suburb near Chicago with her husband and two young daughters and volunteers for the Infant Welfare Society.

**Katelyn Miller**, Marketing & Outreach, Katelyn is a leader in Marketing Communications and Brand development, education and youth development. She uses her experience to formulate and implement strategic marketing initiatives that help Sing & Speak 4 Kids grow as a company, as an industry leader, and as an advocate for education and health.





## Technology and Engineering



**Daniel Dye**, IT and Web Development, joins us from his U.K. base, after many years living and working in Thailand. As a full stack developer, his skill set encompasses the full range of SS4Kids current and future planned technology. He's detail oriented, quick to adapt and a great communicator, all very important traits for our program to prosper.

## SS4KIDS WEBSITE AND SOCIAL MEDIA



HOME

PARENT / CAREGIVER ▾

CLINICIAN / TEACHER ▾

ADMINISTRATOR ▾

ABOUT ▾

REGISTER/LOGIN

We have re-organized the website with a new look and easier navigation, providing support to the various user demographics for SS4Kids including Parent/Caregiver, Clinician/Teacher, and Administrators. Also, our training video "How to Play the Game" includes a Spanish version. We're excited to announce that SS4Kids has reached **over 400 users** who have registered to play our game!



### SS4Kids Private Members Group

Private group · 35 members



Joined ▾

+ Invite



Social Media growth has increased on Facebook with the launch of the [Facebook Group for our Community of Practice](#), a private space connecting all stakeholders to share, ask questions, get information, create professional liaisons and social bonding.

## IQSONICS LEGAL AND FINANCE

### Intellectual Property Protection



**FOUNDATIONLAW**  
Helping Build Your Business



To protect the IP of the company from marketplace competitors with education and health related technologies, and invest in the potential licensing opportunities to third parties that could value our assets in the future, iQsonics filed in 2020 for a Provisional Patent of the design invention of Sing and Speak 4 Kids with patent attorney JD Harriman of Foundation Law Group LLP. This year, the complete filing of the **Utility Patent** was completed. In addition, a **U.S. Copyright** was filed in 2020 for the music composition and performance, and the computer code for the SS4Kids program.

### Small Business Administration Loan



U.S. Small Business  
Administration

Based on 2019 revenues, iQsonics qualified and received an **Economic Injury Disaster Loan (EIDL)** from SBA of \$66,000. Due to the COVID pandemic, SBA extended the start date to mid-2022 for beginning monthly loan payments.

### California Small Business COVID-19 Relief Grant



**CALIFORNIA**

Governor's Office of Business  
and Economic Development

The California Governor's Office of Business and Economic Development awarded iQsonics a **California Small Business COVID-19 Relief Grant** of \$15,000, for being considered within industry sectors most impacted by the pandemic, including Educational Services.