**Accessible Worlds**

1. *Universal Design in Psychological Practice: A Proposed Model for Providing Services to Mental Health Consumers*  
   Marie McGrath & Loretta Mestishen

   This poster presents a model for the use of Universal Design in psychological practice to address the diverse motor, sensory, linguistic, and cognitive needs of clients with and without disabilities. Legal, ethical, and practical implications are discussed.

2. *Tips and Techniques for Traveling Internationally with a Service Dog*  
   Denise Decker

   In Braille and large print, this poster offers tips for traveling internationally with your service dog. The presenter describes key laws, what documents to bring, and how to stay prepared so you and your “best friend” can have fun!

3. *The Effectiveness of the Korean High-Tech AAC*  
   Heeyeon Lee & Ki-Hyung Hong

   This poster presentation introduces the tablet PC-based Korean high-tech AAC (Augmentative and Alternative Communication) software and presents the effectiveness of the device in improving communication behaviors of individuals with speech disorders.

4. *From Institutions to Independence: Helping Persons with Disabilities Move to Subsidized Housing*  
   Lisa Maetani, Christy Nishita & Madi Silverman

   This poster presents data and success stories from the Hawai‘i Going Home Plus Project, a statewide demonstration that transitions individuals from institutional to community settings. Additionally, we provide lessons learned in helping individuals move to independent, subsidized housing.

5. *Physical Accessibility and Health Care Use for Women with Physical Disabilities: A Case Study Approach*  
   Rie Suzuki & Tracy Sweeney

   The purpose of this case study was to understand institutional physical accessibility experiences of an outpatient health care center. Results showed that, though the clinic was found to be inaccessible, the patients did not identify the barriers.

Hard-of-hearing students were provided with notetakers to help ensure course understanding by having the lecture content written. We developed a system for improving the support environment by utilizing a digital pen.

7. Conquering the Blind Side: Franchising a Computer School for the Blind  Cecilia Noble

This poster presents ATRIEV’s roadmap for the future. Readers are welcome to recommend options for its sustainability plan.

Changing the World: Advocacy in Action

8. Linking Where We’ve Been to Where We Want to Go: Our Advocacy Stories  Stephanie George

Effective advocacy begins with development and use of personal stories. This presentation identifies how those stories increase individual self-awareness, understanding, and advocacy involvement, while also helping us answer the question, “What difference do we make in Alaska?”

Disability Studies: Yesterday, Today, and Tomorrow

9. Migration and Definitions of Health and Disability in an Age of Climate Change  Kathryn Wayne

With the increase in climate-related events and ensuing migrations, the impact on vulnerable populations raises the question of how we define disability. This poster explores this issue and poses some possibilities.

10. Applying the Social Model to Disability Service Provision in Higher Education  Frederic Fovet

This presentation discusses the application of the social model to disability service provision in post-secondary education. The poster examines how service provision often contradicts the principles of the social model in every day practices. Ways to align these more adequately are presented.
Diversity, Disability, and Public Health

11. Emergency Preparedness for Individuals with Different Abilities  Mehwish Qasim

Centro Ann Sullivan Peru (CASP) is a nonprofit educational institution in Lima, Peru for individuals with different abilities and their families. This poster presentation discusses emergency preparedness for individuals with disabilities.


To reduce the prevalence of hearing loss among students with disabilities in Lima, Peru, preventative measures are needed. This poster shows possible measures that can be employed.

13. Association Between Self-Rated Health/Dietary Satisfaction and Food Intake, Behavioral, and Dietary Environmental Factors in Community Dwelling Individuals with Spinal Cord Injury in Japan  Kikuko Hata & Takayo Inayama

This poster describes a study that looked at the correlation between dietary satisfaction (or self-rate health) as a quality of life and lifestyle (food intake and behavior) and environmental (dietary environment) factors in community-dwelling individuals with spinal cord injuries in Japan.


This poster describes a study on the correlation between dietary satisfaction and behavior. The researchers looked at dietary behavior and taking care of your health using the trans-theoretical model (TTM), outcome expectations (OE), and self-efficacy (SE) in individuals with physical disabilities in the sports community.

15. Developmental Disorders and Disaster - Three S's for Prevention and Intervention  Asami Mayekawa

The presenter discusses the important meaning of the three “S”s: "Safety", "Security", and "Stability" after and before the Great East Japan Earthquake of March 2011. From a first-hand and clinical perspective, the poster describes the psychological well being of children with intellectual disabilities and their family members.
16. **Disability Through A Global Lens: Understanding Disability In Cultural Contexts**  
*Tamar Kodish*

This poster examines disability through a global lens, using ethnographic fieldwork case studies in Otavalo, Ecuador, and Jerusalem, Israel. The purpose is to understand how disability is defined, perceived, and treated in unique and cross-cultural settings. This research illustrates the importance of disability as a global subject.

17. **Fathers’ and Mothers’ Perception on Family Well Being in American Families With Young Children With a Disability in the National Survey of Children’s Health from 2011-2012**  
*Jiyeon Kim*

This study examines fathers’ and mothers’ perception on family well being in American families with young children with a disability. Using a sample of 3,412 families of young children with disabilities, Multiple Indicators and Multiple Causes (MIMIC) modelling was used to confirm the factor structure and examine population heterogeneity.

*Jiyeon Kim & Kyusang Park*

This study aimed to identify the underlying patterns surrounding parents’ well being in American families having a child with a disability, based on parent responses to the seven specified characteristics on family life. The study analyzed responses from 3,938 samples of the National Survey of Children’s Health from 2011-2012, using Latent Class Analysis.

19. **The Impact of Rural Community Environments on Health-Related Behaviors of Individuals with Disabilities**  
*Keith Christensen*

This poster describes an extensive review of literature on the impact of the rural environment on health and health-related behaviors of individuals with disabilities.

**Early Childhood**

*Wan-Chen Lu*

The poster describes a study that explored the relationship between leisure activities for children and their gross motor development.
21. “Augmentative Communication Media” for Hard of Hearing Toddlers  Kuniomi Shibata

This poster shows a communication-assisted software application for an Android made for hard-of-hearing toddlers. The study suggests the potential to combine the real conversations with the “Tablet-Media app,” what we should call “Augmentative Communication Media.”

22. Teaching Math to Young Children Through Everyday Activities and Routines  Jenny Wells & Linda Oshita

This poster provides evidence-based recommendations from the 2014 Institute of Education Sciences practice guide for teaching mathematical thinking to young children ages 3 to 6. Recommendations include the developmental progression of the skills and concepts in two math-content areas, teaching recommendations, and sample activities.


This poster describes development of an effective and culturally sensitive model of early hearing detection and intervention by the American Sāmoa Department of Health and the University of Hawai‘i Center on Disability Studies.


This poster shows the Hawai‘i Preschool Positive Engagement Project with a focus on homeBase+. The goals of the program are to improve early outcomes for preschool students and to build protective factors of families with preschool students by facilitating parental positive engagement.


The purpose of this study was to investigate happiness levels of fathers of preschoolers with and without disabilities and the demographic variables that affect the perceived happiness levels of fathers.

26. AVID College Readiness K-16  Annette Murray

The Social Good: Step Into the Future
Advancement Via Individual Determination (AVID), is a systemic instructional system for students in kindergarten through higher education (K-16). The AVID College Readiness System focuses on leadership, systems, instruction, and culture to increase the number of students who enroll in higher education.

27. **Effective Employment Specialists: Are They Born or Made?**  Monica Simonsen & Kelli Crane

Competent and talented employment specialists can facilitate meaningful employment for people with disabilities. This poster describes four unique attributes that characterize highly effective employment specialists.

**Intellectual Disabilities and Transition to Postsecondary Education**

28. **A Week in the Life of a College Student: Implementing Effective Supports for Postsecondary Inclusion**  Rica McGinnis

Implementation of theory, promising practices, strategies, and supports in post-secondary inclusion are simplified and illustrated through examination of a student’s typical weekly schedule.

29. **Current Implementation and Issues of Individualized Transition Plans for Students with Disabilities in Japan: A Focus on Status of Person-Centered-Planning**  Asuka Fujii

This poster shows current implementation and issues of the individualized transition plan (ITP) for students with disabilities in Japan. The data were collected from 574 special-needs high school students. As a result, almost all ITPs were used by teacher-directed ITP planning models.

30. **Dual Enrollment with Individualized Supports Project**  Carol Lee-Arnold, Leslie Okoji, Marla Arquero, Melissa Kim, Christian Batoon & Michael Corlew

This poster highlights the Dual Enrollment with Individualized Supports Project (DEIS). DEIS is designed to demonstrate and replicate a sustainable and comprehensive transition model that helps eligible students with intellectual disabilities participate in post-secondary education. The project is based in Hawai‘i and has facilitated successful transition for high school students to community college campuses.

**International Classification of Functioning, Disability and Health**
31. **The (ICF) as a Boundary Object for Inter-Professional Case Co-Configuration in Special Educational Services**  Farida Larry

This poster addresses the premise of integrating the International Classification of Functioning, Disability, and Health (ICF) in a Cultural Historical Activity Theory Perspective. Such integration enables inter-professional learning, collaboration and creation of knowledge.

32. **Utilization of the ICF for Indexing Fatigue in Individuals Diagnosed and Treated for Head and Neck Cancer**  Grace Scott & Eric Davis

The biopsychosocial model provided by the ICF framework serves as an excellent platform to analyze cancer-related fatigue as a multidimensional condition that affects the body in a multitude of ways. This study examined the perception of fatigue by individuals diagnosed with head and neck cancer.

33. **Aligning the Voice-Related Quality of Life Measure with the ICF: An Examination of Voice Disability Secondary to Laryngeal Cancer**  Grace Scott

This poster presents findings from a study of 160 adults who had undergone surgical removal of the larynx for cancer. The content of a clinical measure (Voice-Related Quality of Life) was explored relative to the ICF framework in an effort to align information to better define the disability experienced.

**Living In(ter)dependently**

34. **The Effectiveness of Individual Evacuation Plans for Persons with Special Needs in an Area Affected by the Great East Japan Earthquake: Cases at Minami-Sanriku, Miyagi Prefecture**  Yayoi Kitamura

Interviews were conducted to understand evacuation plans, behaviors, shelter life and temporary housing in Japan. Interviewed were welfare commissioners, the president of a day-care center for persons with disabilities, and volunteer leaders who worked with persons with disabilities at Minami-Sanriku town, Miyagi Prefecture, Japan.

35. **Disability and Work: A Review of Best Practices to Improve the Under-utilized Talent of People with Disabilities in the Labour Market**  Sally Lindsay

This scoping review highlights the most promising policies, programs, and interventions for including people with disabilities at work.
The Power of Words: Life, Language and Learning

36. *Focused Reading and Language Intervention for English Language Learners at Risk for Developing Reading Disabilities*  Leila Ricci

Without effective intervention, English language learners can be at risk for disabilities. This poster presents a reading and language intervention for at-risk Spanish-speaking, English language learners in the first grade. Sample materials are provided as well as best practices learned from coaching teachers who used this intervention.

37. *Promoting Science and Expository Writing in a Multimedia Environment*  Caryl Hitchcock and Bhonna Gaspar

Power Assisted Writing for Science is a process that uses evidence-based practices and multimedia technology to improve expository writing. This poster describes the steps and provides research results from three field-trials with inclusive middle-school classrooms.

38. *Professional Development for Teachers of K-12 ELLs: Supporting Educators*  Loryn Gum, Jennifer Holdway & Lauren Nishimura

This poster showcases online professional development courses for teachers of ELL in grades K-12 that the NB-ELL project delivers to Hawai’i Department of Education, the American Sāmoa Department of Education, and the Republic of the Marshall Islands Ministry of Education.


This poster showcases a variety of computer-related strategies for improving literacy skills. Strategies were shared through an online professional development course offered to teachers with the Hawai’i Department of Education.

Regional Focus: Showcasing Capacity in the Pacific

40. *International Collaboration and Capacity Building in Southeastern Asia: Spreading Human Motion Analysis Techniques and Technology*  Ryan Inawat, Karl Canseco, & Gerald Harris

Through collaboration between Marquette University and the University of the Philippines, Philippine General Hospital, a motion analysis laboratory is being established to offer advanced motion metrics to the Philippine population (pediatric and adult) and to perform research.
41. **Newborn Hearing Screening - Good News for All in the Pacific Islands!** Jean Johnson

This poster shows how newborn hearing screening in Pacific nations provides a pathway to social justice and to global hearing health for newborns. The presentation discusses opportunities for creating sustainability.

**Research as an Engine for Social Change**

42. **Developing the Scale Regarding Psychological Inflexibility in Japanese Early Adolescence**
Kenichiro Ishizu, Yoshiyuki Shimoda & Tomu Ohtsuki

This study reports on development of the Japanese version of the avoidance and fusion questionnaire for adolescents. 1,189 Japanese junior high school students completed the questionnaire to examine the reliability and validity of the scale. The study confirmed its reliability and validity.

43. **The Life Experiences and Service Expectations of Taiwanese Caregivers of Special Children**
Hsin-hao Tsai & Nien-hwa Lai

Interviews were conducted to understand the life experiences and service expectations of caregivers of special children in Taiwan. While they described common hardship in certain life periods, comments were also made on formal and informal supports that had or would have provided alleviation.

44. **Transforming Post-Secondary Education: A Caribbean Perspective On The Inclusion Of Students With Disabilities** Jacqueline Huggins

This presentation explicates the core principles of a phenomenological research design. By use of a phenomenological approach, the researcher examined the lived experiences of students with disabilities at three main campuses of the University of the West Indies - St. Augustine (Trinidad and Tobago), Mona (Jamaica) and Cave Hill (Barbados).

45. **Age-Related Changes in Older Drivers' Performance and Distraction** Joonwoo Son

As drivers age, they become more susceptible to distraction, and the ability to quickly shift attention between multiple stimuli is lost. As a result, older drivers may be placed at greater risk from interactions with complex in-vehicle systems. This study shows older drivers' diminished performance while distracted with driving.
46. **Comparisons of Simulated Driving Performance Between Stroke Patients and Healthy Adults**  
   Myoungouk Park & Joonwoo Son

Driving is important in daily life, and many stroke patients who were driving prior to their stroke wish to resume driving. In this study, data obtained from healthy adults and stroke drivers were used to compare the driving performance between stroke patients and healthy adults in a driving simulator.

47. **HI-PRAISE: A Research Study on the Impact of Incentives to Improve Chronic Disease**  
   Rebecca Ozaki, Ritabelle Fernandes, Misha Tajima, & Robin Arndt

This poster provides an overview of the design and implementation of the Hawai’i Patient Reward and Incentive to Support Empowerment (HI-PRAISE) Project, a health economic research study focused on the use of incentives to improve chronic disease management for adult Medicaid recipients diagnosed with diabetes.

48. **Understanding of Autism Among the General Public in US/Canada and Childcare Providers in Idaho**  
   Gwen Mitchell & Kenneth Locke

A survey of the general public in the U.S. and Canada, and of childcare providers in the state of Idaho, showed their knowledge of autism. Although generally accurate, their understanding did suffer from recurrent errors regarding causes and symptoms.

49. **Promising Results of Project Ho`oku`i; Supporting High Need Native Hawaiian Students to Earn College Credit While Still in High School**  
   Kelly Roberts, Scott Bowditch, & Caryl Hitchcock

Project Ho`oku`i was a four-year study conducted by the University of Hawai`i Center on Disability Studies. The goal of the project was to increase the number of Native Hawaiian high school students who meet the academic qualifications to participate and succeed in a high school/college dual-enrollment program.

**Resiliency, Relaxation, and Rejuvenation**

50. **A Comparison of Relationships and Happiness Between the Siblings of Students With and Without Disabilities**  
   Seoungwoo Ahn

The purpose of this study was to examine sibling relationships and the perceived level of happiness between siblings of students with and without disabilities. The study aimed to
discover if there was a relation between recognition of sibling relationships and feelings of happiness.

51. *Building Resiliency Through Parent Engagement: Hawai‘i Preschool Positive Engagement*  
    Leah Whitney & Naomi Rombaoa Tanaka

The Hawai‘i Preschool Positive Engagement Project (HPPEP) aims to bring out the best students, parents, and teachers by helping them focus on what is going right. The poster shows how the HPPEP was intentionally created to build resiliency of the parents we work with.

**Science, Technology, Engineering and Mathematics**

52. *Mathematics Through Local Context and Blended Learning*  
    Kiriko Takahashi, Hye Jin Park, Justin Toyofuku, Jerrick Feliciano, Jerica Manoa, LJ Rayphand & Samantha Siscon

Ka Palina: AIM Together is a project to improve algebra outcomes of 7-12th graders using blended learning in a local and Native Hawaiian context. The project started in September of 2012 and is in its second year. Project components and activities are presented.

53. *Pathways to STEM: Math Teaching in Community College*  
    Kiriko Takahashi, Hye Jin Park, Justin Toyofuku, Jerrick Feliciano & Kelly Roberts

Math is a barrier for many postsecondary students pursuing STEM fields. To improve outcomes of students in developmental math courses and their problem-solving skills, two interventions have been implemented in a community college elementary algebra course: heuristics and an intelligent tutoring system.

54. *C-STEM Project: A Career Education in Secondary Schools Focusing on STEM*  
    Youngsun Lee

The aim of the study was to examine the effect of career education programs focusing on STEM for students with disabilities. Middle and high school students participated in an eight-week C-STEM project. Student interest improved, and STEM knowledge and academic self-efficacy increased.

55. *Pacific Alliance Internship for College Students*  
    Derek Chan, Richard Liaga, Michael Denis & Keshava Kaipaka

Pacific Alliance aims to increase participation of individuals with disabilities in STEM fields in post-secondary educational institutions and in the workforce. The project also strives to help its
participants reach their goals through internship opportunities and stipends for attending events.

**Teach For All**

56. *Successful Transition of Students with Severe Disabilities*  
Turki Alquraini

This review examines critical components of successful inclusion for students with severe disabilities and provides an overview of literature regarding effective practices for inclusion. Focus is on critical components of successful inclusion that assist in preparing the stakeholders worldwide to engage effectively with students with disabilities in inclusive schools.

57. *Successful Inclusion of Students with Severe Disabilities*  
Turki Alquraini

The purpose of this study was to identify provision of transition services in educational institutions for students with multiple disabilities and the importance of those services from the perspective of school teams in the city of Riyadh. The study included 98 teachers and administrators selected from Riyadh schools in the second semester of the academic year of 2011-2012.

58. *Teaching Sam to Read: Effective Academic and Behavioral Interventions for Teaching Children with Developmental Disabilities*  
Gail Coulter & Roger Sasnett

This case study follows the progress of one child on the autism spectrum in learning to read. It describes child characteristics, the reading intervention, types of behavioral supports, and progress over time. It provides a blueprint for children with similar learning profiles.

59. *Access to General Education Curriculum: The Effect of Pre-teaching Target Words Upon Passage Fluency*  
Gail Coulter & Chuck Lambert

This presentation examines pre-teaching content words on accuracy and fluency in connected text. The study used three participants identified with learning disabilities who read two grade levels below their same-age peers and three general education peers reading at grade level. The researchers found different results with the two groups of students.

60. *A Statewide System of Supports for School-Based Teams Serving Students on the Autism Spectrum: A Coaching and Capacity Building Model*  
Julie Fodor

This presentation describes a coaching and training process for rural schools serving students with autism. To build capacity, distance-training approaches are used to supplement on-site
coaching. The presentation describes the coaching process, online training approaches, assessment protocol, and outcomes.

61. **From IEP to the Classroom**  Gwen Mitchell

This presentation discusses how general education teachers report a lack of adequate training to meet the social and behavioral goals of students on the autism spectrum.

62. **Hidden Curricula in Special Education Schools as Observed by Student Teachers**  Hoohee Lee & Soonyoung Hwang

This presentation shows research that searches for hidden curriculums in special schools, and examines their impact on school life and classes.

63. **Determining Evidence-Based Practices for Training Special Education Teachers**  Sarah Nagro & Kyena Cornelius

Effectively training special education teachers requires identifying techniques shown to strengthen teacher development and improve student learning through empirical research. Two evaluations of techniques for training special education teachers, performance feedback, and video analysis are discussed.

64. **Sustainability, Access, and Retention for Students with Disabilities at the University of Nairobi**  Shade' Osifuye

There is very little research on implementation of accommodations in classrooms to meet the needs of students with disabilities in Kenya. This study aims to provide findings to support the movement towards an equitable education in college classrooms.

**Wellness and Mental Health: Wellness for the 21st Century**

65. **Promoting Postsecondary Educational Success of Individuals Who Experience Mental Disabilities**  Mark Salzer

This presentation presents data from the only national survey about educational experiences of students with mental disabilities, their use and desires for campus supports, and their experiences on campus. Implications for enhancing educational attainment through novel strategies are presented.
66. **Factors Associated with Income of Workers with Mental Challenges**  
Hyunkyung Lee

This study looked at the need for vocational rehabilitation for persons who experience mental challenges and investigates factors associated with the income level of these workers. Found was that promotion of vocational rehabilitation for people with mental disabilities is essential.

**Youth Rising**

67. **Using Predictors of Post-School Success to Help Guide Youth and their Families Through the Transition Process**  
Kimberly Osmani & Larry Hartzell

NSTTAC conducted a research analysis to identify evidence-based predictors of post-school success. The study developed a timeline of transition activities beginning at birth and going beyond high school that is aligned to the predictors. Presenters provide a visual of the predictor areas as well as examples from the timeline.

68. **How Youth Adapt to Chronic Illness to Pursue Desired Activities**  
Ryan Snelgrove & Laura Wood

This presentation describes how youth make adjustments to their lives when faced with illness-related challenges. Two key strategies undertaken were developing outlooks and learning to alter routine activities. Findings are related to the selective optimization with compensation model.

69. **Navigating Multidisciplinary Partnerships to Improve Hawai‘i Middle School Youth Health Outcomes: A Place-Based Teen Pregnancy and Sexually Transmitted Infection Prevention Curriculum**  
Denise Uehara, Kelly Roberts, Brandon Kobashigawa & Tammy Tom

This poster describes Pono Choices—a teen pregnancy and sexually transmitted infections prevention curriculum for middle school youth in Hawai‘i. Also described are development of Pono Choices through community partnerships, and results from pilot testing.

70. **Culturally and Linguistically Diverse Pre-Service Teachers’ Perceptions of Working with Students with Special Needs: Investigating the Special Education Teacher Shortage**  
Christina Keaulana

This project investigated why minority pre-service teachers avoid special education careers and how they developed their perceptions about students with special needs. A preliminary survey and focus group interviews of 12 culturally and linguistically diverse pre-service teachers reveals key themes that explain why minority populations are grossly underrepresented in the special education field.