



WELCOME TO THE
2018 FRPA CONFERENCE!

**UNIVERSAL PROGRAM AND
EQUIPMENT ADAPTATION FOR
INCLUSIVE RECREATION SETTINGS**

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LEARNING OBJECTIVES

- **LEARN HOW TO ADAPT PROGRAMS/EQUIPMENT BASED ON VARIOUS DISABILITIES**
- **IDENTIFY THE IMPORTANCE OF DESIGNING UNIVERSAL PROGRAMMING FOR YOUR FACILITY**
- **CREATE A PLAN OF ACTION TO ADDRESS INCLUSIVE NEEDS AT YOUR FACILITY**



UNIVERSAL DESIGN PRINCIPLES

- **INCLUDES SEVERAL CONCEPTS FROM GREEN DESIGN TO INCLUSIVE DESIGN FOR DISABILITIES AND THE AGING**
- **A WORLDWIDE MOVEMENT PROMOTING DESIGN AS A SUPPORT FOR INDEPENDENCE AND PARTICIPATION (IHCD, 2016)**
- **RON MACE, CREATOR OF THE TERM "UNIVERSAL DESIGN," WAS AN ARTICULATE ARCHITECT AND DETERMINED ADVOCATE WHO INFLUENCED INTERNATIONAL THINKING ABOUT DESIGN. FOR MOST OF HIS LIFE HE USED A WHEELCHAIR AND UNDERSTOOD WHAT IT WAS TO TRY TO PARTICIPATE IN A WORLD THAT WAS NOT DESIGNED TO INCLUDE HIM. RON WAS THE CONSUMMATE CHAMPION FOR ACCESSIBLE AND UNIVERSAL DESIGN, AND THE IMPACT OF HIS WORK WILL BE FELT FOR GENERATIONS TO COME. (OSTROFF, LIMONT, AND HUNTER, 2002)**



ROLES OF UNIVERSAL DESIGN IN RECREATION

- **EQUITABLE USE:** THE DESIGN DOES NOT DISADVANTAGE OR STIGMATIZE ANY GROUP OF USERS.
- **FLEXIBILITY IN USE:** THE DESIGN ACCOMMODATES A WIDE RANGE OF INDIVIDUAL PREFERENCES AND ABILITIES.
- **SIMPLE, INTUITIVE USE:** USE OF THE DESIGN IS EASY TO UNDERSTAND, REGARDLESS OF THE USER'S EXPERIENCE, KNOWLEDGE, LANGUAGE SKILLS, OR CURRENT CONCENTRATION LEVEL.
- **PERCEPTIBLE INFORMATION:** THE DESIGN COMMUNICATES NECESSARY INFORMATION EFFECTIVELY TO THE USER, REGARDLESS OF AMBIENT CONDITIONS OR THE USER'S SENSORY ABILITIES.
- **TOLERANCE FOR ERROR:** THE DESIGN MINIMIZES HAZARDS AND THE ADVERSE CONSEQUENCES OF ACCIDENTAL OR UNINTENDED ACTIONS.
- **LOW PHYSICAL EFFORT:** THE DESIGN CAN BE USED EFFICIENTLY AND COMFORTABLY, AND WITH A MINIMUM OF FATIGUE.
- **SIZE AND SPACE FOR APPROACH & USE:** APPROPRIATE SIZE AND SPACE IS PROVIDED FOR APPROACH, REACH, MANIPULATION, AND USE, REGARDLESS OF THE USER'S BODY SIZE, POSTURE, OR MOBILITY.

SOURCE: UNIVERSAL DESIGN CENTER 1997



IMPORTANCE OF ACCESSIBILITY

- **SEEMINGLY OVERLOOKED YET IMPORTANT CONCEPT THAT CAN NOT BE IGNORED**
- **APPROXIMATELY 15% OF THE WORLD'S POPULATION HAVE DISABILITIES (DISABILITY STATISTICS, 2018)**
- **CREATES OPPORTUNITY FOR INCREASED PARTICIPATION BY CONSUMERS**
- **ACCESSIBILITY TURNS BARRIERS INTO OPPORTUNITIES; PROBLEMS INTO SOLUTIONS; AND DREAMS INTO REALITIES**



HOW CAN UNIVERSAL DESIGN HELP

- **ALLOWS FOR THE THOUGHT OF ALL WHEN DESIGNING A SPACE OR STRUCTURE**
- **ALLOWS FOR USE OF PRINCIPLES THAT KNOCK DOWN BARRIERS OF TYPICAL RECREATION PARTICIPATION**
- **ESSENTIAL TO AN INCLUSIVE ENVIRONMENT**
- **PROVOKES OPEN-MINDED THOUGHT AMONG RECREATION STAFF**



EQUIPMENT ADAPTATION ACTIVITY



SITE ACTION PLAN FOR INCLUSIVE RECREATION

- **CONSIDER YOUR SITES BARRIERS TO RECREATION AND SOLUTIONS TO ADDRESS THOSE BARRIERS**
- **CRETE A RUNNING NEEDS LIST OF ITEMS THAT CAN CREATE OPPORTUNITIES FOR INCLUSIVE RECREATION**
- **PROVIDE STAFF WITH TRAINING ON INCLUSIVENESS IN RECREATION AND REVIEW READILY**
- **IDENTIFY COMMUNITY, ONLINE, AND INTERNAL RESOURCES TO ASSIST WITH INCLUSION IN YOUR SITE**
- **STAY PREPARED...KEEP YOUR ACTION PLAN UPDATED AND READILY AVAILABLE FOR STAFF USE AND IMPLEMENTATION**



UNIVERSAL DESIGN RESOURCES

- **[HTTPS://HUMANCENTEREDDESIGN.ORG/](https://humancentereddesign.org/)**
- **[HTTPS://WWW.UNIVERSALDESIGN.COM/RECREATION/](https://www.universaldesign.com/recreation/)**
- **[HTTPS://WWW.RECREATIVERESOURCES.COM/ACTIVITY-RECREATION-PROFESSIONALS-HOMEPAGE.HTM](https://www.recreativeresources.com/activity-recreation-professionals-homepage.htm)**
- **[HTTPS://WWW.NCHPAD.ORG/](https://www.nchpad.org/)**
- **[HTTPS://TOYDOCTOR.WORDPRESS.COM/](https://toydoctor.wordpress.com/)**
- **[HTTPS://WWW.ESPECIALNEEDS.COM/](https://www.especialneeds.com/)**
- **PINTEREST WEBSITE: SPECIAL NEEDS**



QUESTION/ANSWERS



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**FLORIDA RECREATION
& PARK ASSOCIATION**

For more information about the Florida Recreation and Park Association visit www.frpa.org.