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	Researcher	Research Areas	Research Populations	Research Resources	Special Methods/Techniques	Equipment	Expertise
1	Alig, Kelly L. OT	1) Scholarship of teaching and learning 2) Constraint induced movement therapy 3) Faculty/student professional development				OT department resources	
2	Bakeer, Mona	1) Microbiology (different topics) 2) Immunology 3) Epidemiology	Have not started yet. But most probably will do research on the general population and their exposure to different micro-organisms focussing on the immunosuppressed	I do have connections at Tulane Medical School and Tulane Public Health School, as well as Xavier University. I do also have connections with the Microbiology Department at LSUHSC. Worked as consultant at a private pharmaceutical company.	Molecular techniques (DNA sequencing, electrophoresis, Southern, Western blots.... etc.) Immunological techniques Some virology (plaque assays)	I just started. Don't have too many equipments. There is an old thermocycler (for PCR).	I do have connections with the State Department of Health and Hospitals Central Labs.
3	Banajee, Meher	1) Assistive technology 2) Early intervention 3) Autism	Neurological disorders (developmental and acquired), autism, school based language disorders, speech and language delay and disorders, pediatric dysphagia	same as clinical practice, see above.	single subject design, adaptive software, adapted computer access and high and low technology communication devices	Low and High technology assistive technology equipment, adaptive computer access equipment, literacy software, speech and language assessment tools	Louisiana Assistive Technology Initiative, Research methods SPTHAUD 6100
4	Blanco, Maria	1) Dissertation - program evaluation - systems providing educational intervention to students (3-21) with autism spectrum disorders 2) Single subject research - comparative studies looking at current recommended educational/ behavioral interventions for young children with ASD	2) Dissertation - school-based intervention teams (educators, therapists, administrators) serving students with ASD 3) Other - children (birth -21) with ASD		Qualitative methods - focus groups, surveys, interviews Psychometric analysis - inter-rater reliability, factor analysis, convergent validity SPSS Autism-specific educational interventions (listed above)	Transdisciplinary Play-based Assessments AEPS (Assessment, Evaluation, and Programming System) ECERS/ITERS (Early Childhood/ Infant/Toddler Environmental Rating Systems)	Training in : applied behavior analysis (ABA - incidental teaching, discrete trial training) Picture Exchange Communication System (PECS) TEACCH (Taining and Education of Autistic and other Communication handicapped Children - structured teaching)
5	Case, Jan	Vocation	Persons with Disabilities	Public and Private Agencies	Planning/Assessment Tools		Program Evaluation
6	Coulter, Alan	1) The reliability & validity of monitoring measures and practices used in accountability in public education; 2) The effects of innovative practices on the prevalence of children of Color identified as having a disability; 3) Recruitment and retention of school psychologists	Children, youth, graduate students, and families	Work extensively in state departments of education with professional personnel analyzing large scale databases		Technology and contemporary assessment practices	Currently serve on the Research Education Laboratory - Southwest (REL-SW)
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1	Hebert, George	1) Curriculum Based Measurement and its sensitivity to academic achievement 2) Assessment of Attention Deficit-Hyperactivity Disorder	I have only used data collected from previous sites that had IRB approval before I became a faculty member of LSUHSC. I have plans to submit to our IRB when we are ready to move forward.	The populations most associated with my areas of research interest would include public and private schools and children identified with disabilities in academic settings. I have access to colleagues in the HDC, at the University of New Orleans, at LSU Baton Rouge, Nicholls State in Thibadaux, and other colleagues out of state.	When collecting data on academic skills a standardized protocol is necessary which includes stimuli. These are mostly in the form of academic skill probes relative to the grade/age/skill level of the student.	Traditional standardized assessment techniques (e.g., achievement and IQ tests, standardized interviews, observations, and rating scales), systemic consultation, and intervention design.	I serve as an ad-hoc reviewer for a professional journal and have served as a reviewer for paper/poster presentations for both national and state conferences. At the University of New Orleans, I taught Experimental Design and Analysis in the Department of Psychology. I also taught HTHPROF 6003, Statistical Methods in Allied Health. I am a licensed psychologist with the State of Louisiana and the past president of the Louisiana School Psychological Association. Finally, I am certified with the State Department of Education as a Supervisor of School Psychological Services.
12	Hurley, Annette	1) Evoked Potentials 2) CAPD	Children >5 yrs and adults	Audiology facilities		Audiology clinical equipment	Auditory Processing & Electrophysiology
13	Jacobs, Rennie	1) Statistical Mapping of Sensorimotor Homonculus of Human Subthalamic Nucleus. 2) Interested in doing any research related to the field of AH orthopedics or anatomy.	Persons with Parkinson's Disease receiving deep brain stimulation	Erich Richter, MD.; Ted Weyand, PhD. I have relationships with the OT clinics at LSU Interium Hospital/Ochsner Hospital for patients related to AH research. I am a graduate student and have relationships throughout the different basic science departments in the School of Medicine.		Modalities both superficial and deep. Assessments are primarily OT based, specifically goniometry, MMT, volumeter, dynamometer, pinch gauge, monofilament testing. Outcomes measure primarily would be FIM or Wolf Motor Function Test.	
14	Lowrey, Alisa (HDC)	1) preparing quality teachers and professionals to work with students with significant disabilities 2)improving adult outcomes for students with significant disabilities	Individuals with signficant disabilities; teachers; families; support personnel	Work with individuals with significant disabilities on several projects. Projects also include direct training and support of professionals and families.	Primarily a mixed methods researcher.		
15	Luster, Jane	1) trend data relevant to children and youth with disabilities 2) planning, target setting, and program improvement	extant databases; no human subjects	NA		NA	
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1	McCarthy, Henry 568-4320 hmccar@lsuhsc.edu	1) The understanding and use of holistic approaches and resources (e.g., complementary/alternative medicine, spirituality) by rehabilitation professionals and clients 2) The evolution of concepts and values about the person and the environment in rehabilitation and disability studies 3) Commonalities and differences in how disability versus disaster events are perceived and responded to	clients and professionals in rehabilitation services;the archives and bibliographic databases of publications in rehabilitation counseling/psychology;mainstream news publications	nothing that any SAHP faculty member couldn't themselves access through our library databases or agencies with which the SAHP has contracts for fieldwork assignment of students	qualitative methods	none	Federal research grant review panel,
17	Nelson, T. Kirk	1) Medical Professional education. -Instructional methodology -Case-based Learning -Program evaluation  2) Interprofessional Education -patient simulation -technology use with IPE  3) Healthcare disparity -Impact of payor source on HC outcomes -Impact of socioeconomic status on HC outcomes	Physical therapy students	Department has professional level subscription to surveymonkey.com	Qualitative research Survey design and research Educational program evaluation Evaluation research	Equipment includes: -NVivo8 computerized data management software for qualitative data -Digital voice recorder -Digital transcription device (USB foot pedal). -Dictation microphone -Dragon naturally speaking dictations software	
18	Pellett, Andy	1) Changes in ventricular diastolic function with aging in humans	Mostly over-90 year olds in the Louisiana Healthy Aging Study	I have access to the Louisiana Healthy Aging Study database.		Toshiba Xario ultrasound machine.	
19	Rubin, Scott	1) Attention in Aphasia Language and cognitive processes in neurogenic disorders following stroke 3) Non-verbal symbol processing in neurogenic disorders following stroke. Physiological aging.	2) Patients post stroke with aphasia (language loss), right (non-dominant) hemisphere disorder, and traumatic brain injury.	Subjects are recruited from the LSUHSC and LSU baton Rouge Speech and Hearing Clinics, local hospitals, local neurologists. Also, use newspaper classifieds.	Electrophysiological testing and event-related potentials.Would like to use cortisol testing!	Speech, language, and cognitive testing (multiple published testing materials).Outcome measures of language, cognitive, and communicative performance.	
20	Turner, Bob	1) Speech intelligibility Hearing aids Clinical Decision Analysis	2) Adult - normal hearing 3)	Audiology facilities at LSU-BR		Audiology clinical equipment	Two NIH Special Study Sections
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1	Wendt-Harris, Barbara	1) aural rehabilitation newborn hearing	2) all ages	I have access to the patients I see but would need IRB approval before doing official research		all audiological testing equipment	I have reviewed research paper submissions for conferences, I am currently teaching research to third year Au.D. students
22	Wilson, Phil	1) Community Participation by persons with significant (i.e., intense and pervasive) support needs 2) Employment of individuals with significant support needs 3) Autism Spectrum Disorders	Individuals with significant support needs (generally intellectual disabilities, autism spectrum disorder, and/or multiple disabilities) Individuals that provide support to people with significant support needs (i.e., Direct Support Professionals, family members)	Access to Louisiana Rehabilitation Services, Department of Education, Office for Citizens with Developmental Disabilities databases on a requested basis.	Single subject design Qualitative inquiry		NIDRR Field Initiated Research Grant Review Panel Office of Special Education Programs Grant Review Panel, Single Subject Research Design (Graduate) Membership in/access to a number of advocacy organizations (for individuals with disabilities and families) including but not limited to: DD Council, Louisiana Citizens for Action Now, 10 Regional Families Helping Families centers. Established relationships with directors and staff of several state agencies that oversee services for people with disabilities (e.g., OCDD, LRS, DOE, Governors Office of Disability Affairs, Office of Mental Health)
23	Zamjahn, John 568-4228 CPS	1) Measures of oxidative stress 2) Pulmonary Sarcoidosis Vascular wall proteoglycans and atherosclerosis	1) Animal model (Sprague Dawley rats) 2) Human - CABG surgery patients -ex vivo tissue culture 3) Human - adult patients with pulmonary sarcoidosis	1) Alcohol research center 2) ARDSNet database 3) Asthma Clinical Research Center	2) 1) Techniques: Cell culture, gel electrophoresis, Gel Mobility Shift assay, ion-exchange chromatography, radioactive material - beta isotopes, size exclusion chromatography, lyophilization, cell differentials, bronchoalveolar lavage- rats, Western blots, hematocrits, pulmonary function testing, exercise and metabolic testing. 2) Facilities: PFT lab with Complete Cardiopulmonary Exercise Testing - treadmill, bicycle and arm ergometer	Complete Pulmonary Function Testing equipment (MedGraphics Elite Dx) Metabolic testing (MedGraphics) Ultima Cardio2 system - CPT exercise stress testing with treadmill, arm and bicycle ergometers Viasys Vela Plus ventilator, Puritan Bennett 7200 ventilator Telemetry unit (4 channels) Nonin Pulse-oximeter	
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