	1	2	3	4	5	6	7
1	**Researcher**	**Research Areas**	**Research Populations**	**Research Resources**	**Special Methods/Techniques**	**Equipment**	**Expertise**
2	Alig, Kelly L. OT	1) Scholarship of teaching and learning 2) Constraint induced movement therapy 3) Faculty/student professional development				OT department resources	
3	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 techniquesSome 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.
4	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
5	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	Dissertation - school-based intervention teams (educators, therapists, administrators) serving students with ASDOther - children (birth -21) with ASD		Qualitative methods - focus groups, surveys, interviewsPsychometric analysis - inter-rater reliability, factor analysis, convergent validitySPSS Autism-specific educational interventions (listed above)	Transdisciplinary Play-based AssessmentsAEPS (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)
6	Case, Jan	Vocation	Persons with Disabilities	Public and Private Agencies	Planning/Assessment Tools		Program Evaluation
7	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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8	Davis, Sylvia	1) language abilities in well elderly 2) language abilities in persons with dementia 3) speech abilities in persons with fluency disorders (adult and child)	well elderly , persons with dementia, and persons who stutter	Public and Private Agencies		The clinic on the 9th floor has numerous diagnostic tests for adults and children with speech-language disorders. We have equipment for assessing voice (CSL, nasometer, brain mapping equipment, etc.)	I co-taught the Research Methods class with Dr. Banajee in the fall of 2011 and have served on one thesis committee and am serving on a second thesis committee.
9	Dugan, Erin	1) Play Therapy 2) Filial Therapy 3) Patterns of Attachment Styles	Children and Parents	Local schools, pediatrician offices, mental health centers	single subject design, qualitative methods, pretest/posttest	Play Toys, Self-Report Assessments	Taught Research and Tests and Measurements while ABD.
10	Eason, Jane	1) Muscle plasticity secondary to various perturbations such as unweighting, resistance training and hormonal influence 2) I am having difficulty carrying out basic science research and so would very much like to develop collaborative efforts with others examining cardiopulmonary and health & wellness questions as well as possibly using databases to assess outcomes. 3) Myogenesis	Could access LSU Interim Hospital population. Also, Children's Hospital populations	With the contract at LSU Interim Hospital, I know the PT's at that facility and would likely be willing to help develop a collaboration in order to have access to their clinical population. I know the PTs at Children's Hospital and could facilitate that collaboration as well.	I know how to do muscle cell culture, gel electrophoresis, Western blots and histochemistry techniques, plus I have some experience with animal surgery - although it has been quite a while since I have done any of that.. Am willing and interested in getting more involved in utlizing available equipment to measure identified outcomes in people	Biodex isokinetic equipment, GAITRite, SMART Balance Master, EMG equipment, unweighting system, various sizes of hand weights, pulleys, a Total Gym, a Cybex Fitron, a treadmill, a recumbent bicycle, UBE, Stairmaster Free Climber, and various pieces of resistance equipment (Cybex rotary hip machine, Paramount triceps pushdown, Paramount leg extension/leg curl machine and a lat machine). Basically have access to our PT clinic on the 7th floor.	I am responsible for teaching the 6 series Evidence-Based Practice courses in the physical therapy curriculum.
11	Easterly-Taylor, Gina	1) Program evaluation 2) Inclusion and young children with disabilities	Children and families from low socioeconomic backgrounds currently living in Greater Baton Rouge area, many families reside in FEMA trailer communities - large majority were significantly impacted by affected by Hurricanes Katrina and Rita; Families of young children with developmental disabilities; childcare providers working with children from low socioeconomic backgrounds and children with and without disabilities	Have fairly substantial knowledge of the above...	qualitative methods, group design, mixed methods, applied research	Know and utilize recommended practices related to evaluation and assessment of young children; environmental rating scales (ECERS, ITERS); focus groups; surveys, pre/post tests; observation in natural enviroment; routine-based interview; outcome data from intervention plans (IFSP, IEP)	Grant writing

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12	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.
13	Hurley, Annette	1) Evoked Potentials 2) CAPD	Children >5 yrs and adults	Audiology facilities		Audiology clinical equipment	Auditory Processing & Electrophysiology
14	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.	
15	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 signifcant 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.		
16	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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17	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,
18	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	
19	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.	
20	Rubin, Scott	1) Attention in Aphasia 2) Language and cognitive processes in neurogenic disorders following stroke 3) Non-verbal symbol processing in neurogenic disorders following stroke. 4) Physiological aging.	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.	
21	Turner, Bob	1) Speech intelligibility 2) Hearing aids 3) Clinical Decision Analysis	Adult - normal hearing	Audiology facilities at LSU-BR		Audiology clinical equipment	Two NIH Special Study Sections

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22	Wendt-Harris, Barbara	1) aural rehabilitation 2) newborn hearing	all ages	I have access to the patients I see but would need IRB approval before doing official research		all audioloigcal testing equipment	I have reviewed research paper sublissions for conferences, I am currently teaching research to third year Au.D. students
23	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 designQualitative inquiry		NIDRR Field Initiated Research Grant Review PanelOffice 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)
24	Zamjahn, John 568-4228 CPS	1) Measures of oxidative stress 2) Pulmonary Sarcoidosis 3) Vascualr 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	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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