

1. This Proposal Involves: <input checked="" type="checkbox"/> One Institution <input type="checkbox"/> More Than One Institution		2. Enhancement Subprogram: <input type="checkbox"/> TRADITIONAL ENH Program (Includes all multidisciplinary proposals) <input checked="" type="checkbox"/> UNDERGRADUATE ENH Program			
3. This Proposal Is: <input checked="" type="checkbox"/> Primarily an Equipment Request <input type="checkbox"/> Not Primarily an Equipment Request					
4. Name(s) of Submitting Institution(s) of Higher Education Additional Institutions		Dillard University			
5. Address of Institution of Higher Education Department of Psychology Dillard University 2601 Gentilly Blvd. New Orleans, LA 70122					
6. Title of Proposed Project Enhancing Strategies of Instruction in Psychology [ESIP] at Dillard University					
7. First-Year Support Fund Money Requested \$58406	8. Second-Year Support Fund Money Requested (if applicable) \$0	9. Proposed Duration 1 Year			
10. Category In Which Proposal Is Being Submitted <input type="checkbox"/> Biological Sciences <input type="checkbox"/> Engineering B (Industrial, Materials, Mechanical, etc.) <input type="checkbox"/> Humanities <input type="checkbox"/> Computer and Information Sciences <input checked="" type="checkbox"/> Social Sciences <input type="checkbox"/> Special Multidisciplinary (See Section III.B.2.c of the RFP.) NOTE: If you check this category, you must also check at least one other eligible discipline.)		11. Taxonomy Numbers: Clinical Psychology 2001 Experimental Psychology 2007			
12. This Proposal Is a: <input checked="" type="checkbox"/> New Request <input type="checkbox"/> Request for Continuation of a Previously-Funded Support Fund Project Previous contract number:					
By signing and submitting this proposal, the signators are certifying that: (1) the proposed project has not already been funded/is not currently being funded/has not been promised funding; (2) this proposal has been reviewed and approved by an Institutional Screening Committee; and (3) the institution and the proposed project are in compliance with all applicable Federal and State laws and regulations, including, but not limited to, the required certifications set forth in: (a) <u>Grants for Research and Education in Science and Engineering</u> , NSF Grant Proposals Guide (GPG), NSF 03-2, effective 10/1/02, and (b) 45CFR 620, Subpart F (Requirements for a Drug-Free Workplace).					
Name (type or print)		Dept./Telephone No.	Degree/Year	Signature	
Lead PI					
Campus Head or Authorized Institutional Representative		Dean		Authorized Fiscal Agent	
Name/Title/email: (type or print)		Name/Title/email: (type or print)		Name/Title/email: (type or print)	
Signature:		Signature:		Signature:	
Date:	Telephone Number:	Date:	Telephone Number:	Date:	Telephone Number:

BOARD OF REGENTS SUPPORT FUND ENHANCEMENT PROGRAM PROPOSALS
FY 2008-09
PERSONNEL PAGE

Name(Last,First,MI) Wismar, Keith M		Gender Male	
Race/Ethnicity White-Not Hispanic		Disabled? No	
Citizen of USA		Residential Status: U.S. Citizen	
Highest Degree Ph.D.			
Institution Dillard University			
Department Psychology			
Position in Contract Lead Principal Investigator			
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City New Orleans	State LA	Zip 70122	Phone 5048164138
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B. Project Summary

The Department of Psychology is committed to enhancing our curriculum and strategies of instruction to improve the learning outcomes of our students. The computer resources in the Department of Psychology have been greatly enhanced by the development of a multimedia laboratory for students and faculty through institutional and Board of Regents support funds over the last five years. The first objective of the current proposal is to **develop state-of-the-art portable research implementation strategies, data collection and recording methods, and statistical and analysis skills.**

The use of Tablet Portable Computers as part of our Experimental Psychology and Independent Research courses will improve student skills in creating original research tools and will support real-time research methodologies. Using Tablet PC technology and software allows for data collection and analysis to be less delayed because of the integrated technology support provided by the use of a Tablet PC and software packages that support survey creation, easy data input, and relatively immediate data analysis.

The second objective is to **develop the technical skills of psychological assessment through the strengthening of the Tests and Measurements courses in the Department of Psychology.** Through this proposed initiative, the psychological assessment courses will be upgraded and enhanced with the latest versions of psychological test instruments and interpretive techniques. The plan is to upgrade our psychological assessment courses with the latest versions of test instruments and interpretive techniques. Assessment is a crucial component of professional psychological training, yet it is very costly to maintain enhanced equipment and supplies to develop such expertise in our students. The test equipment, scoring forms, and interpretive guides will enhance our strategies of instruction in the assessment courses.

The demand for enhanced technological resources and training is especially relevant to the Department of Psychology because our students must be trained with leading edge materials to provide excellent psychological methods to the community. In addition, the enhanced instructional methods will create learning outcomes in our students so that they will maintain the high levels of graduate school completion that we expect of our graduates in Psychology. The enhancement and strengthening of the instructional methods will ensure that our majors will remain current in such technologies and will ensure that the faculty members are exposed to and use computer assisted pedagogies through technology assisted research methodologies. The highly specialized skills required for entry level assessment positions in the community or graduate school will also be enhanced.

Enhancing Strategies of Instruction in Psychology (ESIP) at Dillard University

C. Narrative

1. The Current Situation

a. Institutional Description

Dillard University is a Historically Black University which was established in 1869, designed by two church bodies to lead the recently emancipated slaves from degradation and dependence to spiritual, social, educational, and economic self-sufficiency. Currently, Dillard University is a liberal arts focused undergraduate degree granting institution designed to prepare students for the competitive global economy of the new millennium. Most of our students enter the university at 17-18 years of age and fit the pattern of “traditional college attendees”, and many are first generation college entrants.

In 2005, Hurricane Katrina and the failure of the poorly constructed federal levee system in New Orleans caused massive flooding damage of approximately \$400,000,000.00 to the Dillard University buildings and educational contents. The university is making remarkable progress towards rebuilding the New Dillard University since its return to the Gentilly campus in the Fall of 2006.

Since the inception of Dillard University and the establishment of the Division of Education and Psychology, our goal has been to prepare students to enter the field of Psychology prepared for service to the community as psychology majors with a liberal arts background leading to a broadened understanding of the entire human condition. Dillard is committed to developing psychologists with high levels of academic achievement coupled with community sensitivity and advanced technological skills.

The Department of Psychology currently consists of approximately 70 majors. Approximately 50% of graduates are accepted into graduate and professional schools within two years after graduation. We currently have 4 full-time faculty members and 2 part-time faculty members in the Department of Psychology.

b. Rationale for the Project

The Department of Psychology is currently involved in enhancing our curriculum and strategies of instruction to improve the effectiveness of the psychology program. The computer resources in the Department of Psychology have been greatly enhanced by the development of a multimedia laboratory for students and faculty through institutional and Board of Regents support funds over the last three years. In addition, several multimedia classrooms and portable classroom presentation media carts are now available due to previous BOR funded enhancements grants and institutional funds. All psychology faculty members and students use the multimedia classroom equipment to improve instruction and learning outcomes in the psychology

department. The current enhancement proposal is designed to expand the use of computer supported learning activities to teaching research concepts, methodologies, and practice. In addition to learning about research, the students will use computer assisted research methods to conduct research in the field using an integrated technologically supported set of research equipment and techniques.

The first objective of the current proposal is to **develop state-of-the-art portable research implementation strategies, data collection and recording methods, and statistical and analysis skills in our students.**

The use of Tablet Portable Computers as part of our Experimental Psychology and Independent Research courses will improve student skills in creating original research tools and will support real-time research methodologies. Using Tablet PC technology and software allows for data collection and analysis to be less delayed because of the integrated technology support provided by the use of a Tablet PC and software packages that support survey creation, easy data input, and relatively immediate data analysis.

In order for our students to remain competitive in graduate school entrance rates and employability, the department of psychology developed an enhanced course in psychological tests and measurements where students develop entry level skills in assessment techniques through hands-on experience. The practicum course is designed to give our students advanced preparation in psychological assessment that will increase graduate school success and employability as an entry level assessment assistant. The enhanced course requires enhanced testing equipment and supplies in order to create a well-prepared psychology graduate at Dillard University.

The second objective is to **develop the technical skills of psychological assessment through the strengthening of the Tests and Measurements courses in the Department of Psychology.** The plan is to upgrade our psychological assessment courses with the latest versions of test instruments and interpretive techniques and software. Assessment is a crucial component of professional psychological training, yet it is very costly to purchase enhanced equipment and supplies to develop such expertise in our students. The test equipment, scoring forms, and interpretive guides will enhance our strategies of instruction in the assessment courses.

The demand for enhanced technological resources and training is especially relevant to the Department of Psychology because our students must be trained with leading edge materials to provide excellent psychological methods to the community. In addition, the enhanced instructional methods will create learning outcomes in our students so that they will maintain the high levels of graduate school completion that we expect of our graduates in Psychology. The enhanced strategies of instruction proposed will help ensure that our majors will remain current in such technologies and will ensure that the faculty members are exposed to and use computer assisted pedagogies through technology assisted research methodologies. The highly specialized skills required for entry level assessment positions in the community and graduate school will also be enhanced.

c. Impact on Existing Resources

The enhancement proposal will complement our existing fixed computer laboratories by increasing access to the use of field-based research methodologies, the creation of student and faculty designed research instruments, and the portable integrated coordination of the entire research process in a seamless technologically based package. Existing hardware and software will serve as a necessary base to the development of extensive portable teaching strategies that will be more fully presented in the research based classes and the assessment courses. The psychological testing equipment required for assessment training will allow our students to receive a more efficient and complete course of instruction required for the modern psychologist. The expense of maintaining the frequently updated psychological assessment packages often leads to an inability to provide the most reliable and valid tools of assessment. Updating our psychological testing equipment with BOR funds will greatly improve the educational outcomes of our psychology majors. The program of portable, integrated research equipment and software will enhance our student's research skills, increase their knowledge of undergraduate research opportunities on campus, and will increase their chances of success in graduate school research programs.

2. The Enhancement Plan

a. Project Goals and Objectives

Objective I: Develop state-of-the-art portable research implementation strategies, data collection and recording methods, and statistical and analysis skills in Psychology students and faculty.

Activity 1: Purchase 12 Tablet personal computer units for use in the Experimental Psychology and Independent Research courses.

Activity 2: Purchase support software, operational software and specialized software for survey creation, data input, and statistical analysis.

Activity 3: As part of Dillard University's In-Kind support of the project, the ITT staff will provide faculty development experiences in the use of the Tablet PC units and operational software.

Activity 4: Faculty will train students in the use of the Tablet PC equipment for use in their research based classes.

Objective II: Develop the technical skills of assessment in Psychology by enhancing the instructional methods in the Tests and Measurements courses in the Department of Psychology.

Activity 1: Purchase a full complement of testing equipment and software to design state-of-the-art psychological assessment courses.

Activity 2: Obtain training in the new assessment equipment for the faculty teaching the courses.

b. Work plan of the proposed project

Activity	Person Responsible	Date
Purchase the 12 Tablet PC units and software.	PI-Dr. Keith Wismar	Oct. 2009
Install and test all tablet PC units and software.	Dillard ITT staff	Nov. 2009
Evaluate the timeliness and completion of equipment purchases and installation of relevant software	PI-Dr. Keith Wismar	Oct. 2009
Evaluate the timeliness of the purchase of the assessment equipment and supplies	PI- Dr. Keith Wismar	Oct. 2009
Train psychology faculty on the use of the Tablet PC units and software.	Dillard ITT staff	Nov. 2009
Use the Tablet PC units to instruct students in research methodology in the Experimental Psychology course and the Independent Research course.	Dr. Eartha Johnson Dr. Lana Chambliss Dr. Edwina Frank	Jan. 2009
Completion of the psychological tests and measurements skills-development workshop on the new test administration procedures.	PI-Dr. Keith Wismar	Nov. 2009
Use enhanced psychological testing equipment in the psychological testing practicum.	PI- Dr. Keith Wismar	Jan. 2010
Create the Research Project Scoring Rubric (RPSR) to evaluate research	PI-Dr. Keith Wismar	Jan. 2010

project success.

Each time a student makes a research presentation using the Tablet PC equipment, the Research Project Scoring Rubric (RPSR) will be completed by the instructors. The evaluation rubric forms will be stored in each student's learning outcomes portfolio.

Psychology faculty:
Dr. Lana Chambliss
Dr. Edwina Frank
Dr. Eartha Johnson
Dr. Keith Wismar

Jan. 2010 –
May 2010

c. Evidence of potential to achieve recognized eminence at the regional level in Psychology.

In the past years, faculty members have been increasing skills in multimedia computer-based methods of instruction in great part due to previous support from the Board of Regents. The expansion of the training and enhancement of our infrastructure will lead to developing specialized skills in research methodologies and psychological assessment techniques that are often not readily available in other psychology departments across the state and the nation. The plan is for Dillard University to develop expertise in multimedia pedagogy in order to take advantage of the new computer technology available to improve the quality of our students. The proposal will increase the research skills and psychological assessment skills of both faculty and students in the Psychology Department and is designed to serve as a technology transfer program to both the Dillard academic family and the community. The psychology majors at Dillard University are successful in graduate programs across the country because of our commitment to assuring that our students receive the latest technology to support effective learning. The Department of Psychology continues to attract a growing number of students to major in psychology in part because of the integrated use of technology as a means of instruction and as a set of skills for our students to learn. Improving the assessment skills of our students is a major necessity for developing effective psychology graduates. We also wish to continue to emphasize the important relationship between research and practice in developing effective methods of instruction and meaningful psychological research. The program of enhanced strategies of instruction supported by the BOR will clearly continue to assure that Dillard University helps to improve access for minority student success in graduate school programs.

d. Impact on Curriculum and Instruction

Psychology faculty members are committed to assuring that Dillard University psychology majors are ready for graduate and/or entry level careers in the community. The tablet PC integrated research methodology program

will help students learn effective strategies to complete the entire cycle necessary for completing effective research projects. The proposed equipment and software will give faculty members the opportunity to teach the research process as it is really practiced. Students will be able to create research instruments electronically, to assess the reliability and validity of the instruments, to collect data through immediate input technology using several input modalities, to enter data into an analysis spreadsheet as it is being collected, and to use statistical analysis software available for immediate use in the same Tablet PC when the data collection is completed. Such an integrated technological support system will greatly enhance the research curriculum and instructional methods in the psychology department.

The updated psychological assessment tools are required by our students to maintain and enhance skills required of psychology graduates. The use of out-of-date equipment and supplies leads to poor instructional techniques and leads to unethical levels of knowledge and skill for the competent psychology graduate. The new equipment will update the psychological tests and measurements course and the practicum in psychological testing.

e. Impact on the Quality of Students

Students are attracted to modern learning technologies and multimedia presentation techniques that they use in their personal lives as well as experienced in their psychology courses. The improved use of technology to develop research skills and psychological assessment skills will attract and prepare our students for the use and demands of new computer protocols already required in many psychological and research training settings. All psychology students at Dillard University are required to participate in the Undergraduate Research Program at Dillard University. Technology based interactive learning and teaching strategies will clearly enhance the quality of our Psychology graduates. The enhanced assessment course and the research and practice emphasis supported by this proposal will support the development of highly trained students able to develop both teaching and research skills in their future positions making them more prepared for advancement in their fields.

f. Impact on Faculty Development

A major component of the enhancement proposal includes faculty training in the latest research training and practice technology and instructional methods, assessment, and the relationship between research and practice. The development of integrated research teaching strategies integrated with internet resources will help to develop our faculty into leading-edge professors and will lead to a decrease in the “digital divide” too often present among minority educational institutions. In addition, our faculty will serve as role models for our students preparing to become research professionals and psychologists in our communities using the latest technological innovations, assessment skills

and research methods. The resources made available to our faculty will greatly enhance their teaching and research skills as well. The PI will share the information obtained from the assessment workshop with other faculty and students.

g. Performance Measures

The first performance measure will be the timeliness of the purchase and installation of the required hardware, software, equipment and supplies required to use the Tablet PC units in the research courses in psychology. It is expected that these purchases will be completed by October of 2009 so that the Tablet PC units will be operational for use in the Spring semester of 2010.

The second outcome measure will be the timeliness of the purchase of the assessment equipment and supplies for the enhanced assessment courses in the Department of Psychology coupled with the assessment workshop completion by the PI. It is expected that the assessment equipment and materials will be completed by October of 2009 so that the equipment may be used in the Psychological Tests and Measurements Practicum course in the Spring of 2010.

The third outcome measured will be the assessment of student skills when conducting presentations of their research projects submitted to the Undergraduate Research Program and evaluated by the use of a research project scoring rubric. The research project scoring rubric will be created by the principal investigator and faculty instructors of the research courses and will be administered by the faculty supervising the students in class and by the judges of the Undergraduate Research Program presentation competition. The number and quality of student research projects will be tabulated to assess how the enhanced equipment improved the student learning outcomes in research skills.

3. Equipment

a. Equipment Requested:

12 Dell Latitude XT Tablet PCs: with 80GB HD; 24x cd-RW/DVD; Vista Business Professional Tablet Operating System; 2GB SDRAM; Touch Pen Input; Barcode Reader; and Tablet PC Carry Case. @ \$2685.00 each ;

12 unit cost: \$32,220.00

Shipping; 700.00

Sub-Total \$32,920.00

Survey Research Creation Software by Nova Research Corp.

12 Design Studio modules @ \$236.00 each \$2832.00

12 data Entry Modules @ \$236.00 each \$2832.00

2 Warehouse manager Modules @ 396.00 each \$792.00

Sub-Total \$6456.00

SSPS Statistical Software Packages 12 site licenses: \$3,000.00
Grand Total for Objective 1 equipment: \$42,376.00

The Tablet PC units and software are required to support the enhanced research training experiences planned for the experimental psychology and independent research in psychology courses. The equipment and software requested is especially suited to enhance an integrated process for research instrument creation, data collection and analysis and report writing and interpretation. All components of the research process may be managed electronically at each of the independent Tablet PC units.

Psychological Testing Equipment and Supplies:

8 WAIS-IV Intellectual Quotient Test Kits with 50 additional administration forms and answer sheets.

2 WISC-IV Intellectual Quotient Test Kits with 100 additional administration forms and answer sheets.

2 WPPSI-III Intellectual Quotient Test Kits with 100 additional administration forms and answer sheets.

8 WAIS-IV IQ Kits @ \$651.00 each:	\$6,000.00
WAIS-IV Answer sheets 2 packs @ \$105.00 each	\$210.00
2 WISC-IV IQ Kits @ \$580.00 each	\$1,200.00
WISC-IV Answer Sheets 2 packs @ \$105.00 each	\$210.00
2 WPPSI-III IQ Kits @ \$600.00 each	\$1,200.00
WPPSI-III Answer sheets 2 packs @ \$105.00 each	<u>\$210.00</u>
Grand Total for Objective 2:	\$9,030.00

The psychological testing equipment is designed to enhance the psychological testing and assessment practicum course that is designed to prepare our students for graduate school and entry level positions in the assessment area. Without these testing materials, the psychology majors will lose their competitive edge in graduate school training programs and career preparation.

Objective 1:	\$42,376.00
Objective 2:	<u>\$9,030.00</u>
Total Requested Amount:	\$51,406.00

b. Equipment On Hand for the Project

There are currently 22 PC workstations with multimedia presentation software with all units connected to the internet, one laser b&w printer, one color printer, and a multipage scanner in the Division of Education and Psychology computer lab available for student and faculty use. Six laptops and three LCD projectors are available for portable multimedia classroom presentations. In addition we have 7 WAIS-III IQ kits and 1 WISC-III IQ kit that support our assessment courses in psychology. The amount of assessment equipment and supplies on hand is currently insufficient to maintain our increasing enrollment in the Department of Psychology and are inadequate for enhancing best practices in assessment training for our students.

c. Equipment Housing and Maintenance

The Tablet PC units for research will be housed in the Psychology Department Storage center available for check out by faculty and student use with priority for students enrolled in Experimental Psychology and Independent Research courses. The computer equipment will be locked up along with the psychological testing equipment and supplies. Any maintenance required for the equipment will be provided by the University's ITT division staff and additional funds required for any maintenance expense will be provided by the Division of Education and Psychology. The assessment equipment will be housed in the Division storeroom subject to the check-out procedures of the office staff to maintain accountability for the equipment used by faculty and students.

4. Faculty and Staff Expertise

Principal Investigator: Dr. Keith M. Wismar is a Tenured Professor of Psychology at Dillard University who has been a member of the faculty since 1979. He has developed a specialty in the use of computer-based technology in higher education. Dr. Wismar's relevant activities in the area of computer based higher education include the following experiences:

1. Use of Wordperfect and Spreadsheets: Dillard Training Institute:1997.
2. Dialog and Online Data Retrieval Systems: Dillard Training Institute:1998.
3. Introduction to the use of Word Excel and Powerpoint: Dillard Training Institute:1998.

4. Windows 95, Excel, Intermediate Powerpoint, Wordperfect 7.1 and SSPS for Windows: Dillard Training Institute.1998.
5. National Education Computer Conference: The Magic of Technology.Orlando.1999.
6. Syllabus.com Workshop: The use of computer based technology in Higher education.Orlando.2000.
7. Syllabus.com training class. Web Site Publishing. Orlando.2000.
8. QUEST Computer Training for College Level Instructors: Lafayette, LA: State Technology Training Institute for Post Secondary Educators preparing teachers in Louisiana. 2003.
9. Awarded a Faculty Career Development Grant from Dillard University to create a web-based internet course for Psychology 416: *Senior Seminar: Child Psychopathology*.
10. Principal Investigator for LABOR Grant *Enhancing and Strengthening Instructional Methods in Psychology*: 2003-2005.

5. Economic and/or Cultural Development and Impact

a. Relations with Industrial/Institutional Sponsors

There are no formal partners at this time that are sponsoring the current proposal. However, there are grant funds expected to help support the Division's efforts to improve instructional techniques and technology resources that will be available to support supply purchases required for the support of the research courses and the assessment courses.

b. Promotion of Economic Development and/or Cultural Resources

As our faculty and students in the Department of Psychology develop multimedia technological teaching and instructional methods, we will be preparing the faculty to infuse these skills into our own curriculum as well as in our students' research skills and psychological assessment skills. The Psychology graduate's computer skills will be enhanced, leading to improved on-the-job performance of our graduates and increased success in graduate school programs in psychology. These enhanced skills will improve the employability of our Psychology graduates and will increase their positive impact on the educational well-being of the community. We graduate approximately 25 psychology majors a year, which translates into a payroll of approximately \$1,000,000 per year if all are employed as certified psychologists in Louisiana after completing graduate studies.

6. Additional Funding Resources

There are no external funding sources for the project at this time.

D. Previous Board of Regents Support

The BOR has provided one previous grant to support the creation of multimedia instructional equipment and materials for faculty and students in the Department of Psychology that was awarded from 2003-2005 with an extension to 2007 because of the disruption caused by Hurricane Katrina. The objectives and outcomes are listed below.

Enhancing and Strengthening Instructional Methods in Psychology:
(BOR(2003-2005) ENH-UG 13: PI: Dr. Keith Wismar: \$40,000.00

Objective I: Improve technologically relevant pedagogy by creating two electronic classrooms with permanent computer managed presentation and communication equipment and to develop a portable multimedia computer station.

Activity 1: Purchase two electronic classroom packages to install in classrooms in the Division of Educational and Psychological Studies. The packages will include a laptop-based server system with a full complement of presentation hardware and software.

The goal to create multimedia classrooms was achieved with 4 permanent multimedia installations along with 4 sets of portable multimedia presentation stations. Each classroom station includes internet access, media presentation devices, video recording capabilities, projection capability and screens. The DUICEF building has been renovated since Hurricane Katrina and the new equipment has been installed and was used for the first time in the 2006-2007 academic year. Students in psychology benefit from the improved instructional procedures and from the training they receive using the equipment for their classroom presentations. Their enhanced technical skills have increased their job-related skills and increased their opportunities for acceptance into graduate schools across the country.

Activity 2: Obtain training in the use of the electronic classrooms by the Dillard University ITT personnel for faculty and students.

The training goal was met and all psychology faculty members were trained in the use of the presentation equipment. This enabled the faculty to use enhanced instructional methods that were easily integrated into online instructional support programs such as Blackboard.

Activity 3: Faculty will train students in the use of electronic classroom multimedia equipment for use in their classroom presentations and research seminar experiences.

Students were trained by the faculty so that the students' class and research presentations were designed using the multimedia systems. The quality of the classroom multimedia presentations was enhanced and evidence from student class evaluations indicated increased learning from their experiences. Students in

psychology benefit from the improved instructional procedures and from the training they receive using the equipment for their classroom presentations. Their enhanced technical skills have increased their job-related skills and increased their opportunities for acceptance into graduate schools across the country.

Objective II: Develop the technical skills of assessment in psychology through the development of a computer-assisted course of Tests and Measurements in the Department of Psychology.

Activity 1: Purchase a full complement of testing equipment and software to design a computerized state-of-the-art psychological assessment course.

1. The goal to strengthen the Tests and Measurements course in psychology was achieved through the purchase of new testing equipment and psychology content assessment testing online. Our students now have current materials to use for training and are themselves assessed using national standardized measurements managed through online testing services. The online testing service allows for immediate feedback on student success and allows us to develop strategies for improving the psychology instructional program based on the assessment of student performance indicators.

Overall the major objectives of the enhancement grant were met after the necessary extension required because of Hurricane Katrina. We are now using the newly purchased equipment to attract new majors into the psychology department and to develop technological skills in both our faculty and students. The renovation of the Dillard campus was assisted by the equipment purchased by the BOR enhancement grant. The equipment and presentation software has improved instructional techniques throughout the 2006-2007 academic term when we returned to the Gentilly campus. The current request for enhancement funds will continue to develop our commitment to using the latest computer-assisted technology to enhance our students learning in the areas of research methodology training, application of research skill development, statistical analysis skills, and enhanced experiences in the development of psychological assessment.

BIOGRAPHICAL SKETCH

Provide the following information for the project director, co-project director, and other key personnel/consultants. Begin with the principal investigator/program director. Photocopy this page for each person.

Name: Keith M. Wismar, Ph.D.

Position Title: Professor of Psychology
Chair of the Psychology Department
Co-Dean of the Division of Education and Psychology

EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Tulane University New Orleans, LA	B.A. in Psychology	1973	Psychology
Louisiana State University in Baton Rouge	M.A. in Psychology	1975	Psychology
Louisiana State University in Baton Rouge	Ph.D. in Clinical Psychology	1978	Clinical Psychology

RESEARCH AND PROFESSIONAL EXPERIENCE: Starting with present position, list, in reverse chronological order, previous relevant employment, experience, and honors. Key personnel includes the principal investigator and any other individuals who participate in the development or execution of the project. Key personnel typically will include all individuals with doctoral or other professional degrees, but in some projects will include individuals at the masters or baccalaureate level provided they contribute in a substantive way to the development or execution of the project. Include present membership on any Federal Government public advisory committee. List, in reverse chronological order, the titles, all authors, and complete references to pertinent publications during the past five years and to representative earlier publications pertinent to this application.
DO NOT EXCEED TWO PAGES.

January 1979-Present –Tenured Professor of Psychology at Dillard University in New Orleans, LA. Chairperson of the Department of Psychology since 1975.

Interim Co-Dean of the Division of Education and Psychology since 2005.

October 1981-Present – Psychological Consultant to the Special Education Department of Jefferson Parish Schools, LA.

Grant from Louisiana State Board of Regents entitled: *Enhancing and Strengthening Instructional Methods in Psychology (ESIMP)* 2003-2007.

Creating a Culture of Assessment in the Department of Psychology: Developing Student Learning Performance Outcomes: Dillard University President's Project Award: April 2008.

Developing Technologically-Based Instructional and Assessment Methods in Psychology; 2008

Recipient of the **Distinguished Faculty Award** at Dillard University: 2002-2003.

Recipient of the Dillard University **Provost's Extra Mile Award**: 2001.

Publications

Hutchinson, S. W., Haynes, S., Parker, P., Gill-Jones, A., McLin, C., Welldagarey, W., Baltip-Coleman, Y., Wismar, K., & Murphy, R. (2005). Preparing Undergraduate Nursing Students in Bioterrorism and other Public Health Emergencies. Peer Reviewed Poster Presentation, Louisiana State Nurses Association Nurse Day Convention 2005, April 14, 2005.

Murphy, Ph.D., Ronald T., Wismar, Ph.D. Keith M. and Freeman, Ph.D., Kassie: *Stress Symptoms Among African American College Students Following the September 11, 2001 Terrorist Attacks*. Accepted for publication in the **Journal of Mental and Nervous Diseases.**, Spring 2003.

CURRENT AND PENDING SUPPORT

(From ALL sources, including Board of Regents Support Fund)

The following information MUST be provided for each investigator and other senior personnel. Use additional sheets as necessary.

NAME OF INVESTIGATOR: Keith M. Wismar, Ph.D.

Status of Support: ☐ Current ☐ Pending ☒ Submission Planned in Near Future

Contract Number/Proposal Title: Strengthening Instructional Methods in Psychology

Source of Support: BOR

Award Amount (or Annual Rate): \$51,406.00 Period Covered: 2009-2010

Location of Activity: Dillard University Psychology Department

Person-Months or % of Effort Committed to the Project: ☐ Cal Yr ☐ 10% Acad. ☐ 25% Summer

Status of Support: ☒ Current ☐ Pending ☐ Submission Planned in Near Future

Contract Number/Proposal Title: Creating a Culture of Assessment in the Division of Education and Psychology

Source of Support: President's Research Seed Fund: Dillard University

Award Amount (or Annual Rate): \$ 2,500.00 Period Covered: 2008-2010

Location of Activity: Dillard University Psychology Department

Person-Months or % of Effort Committed to the Project: ☐ Cal Yr ☐ 5% Acad. ☐ 5% Summer

Status of Support: ☐ Current ☐ Pending ☒ Submission Planned in Near Future

Contract Number/Proposal Title: Enhancing the Culture of Assessment in the Psychology Department at Dillard University

Source of Support: BOR

Award Amount (or Annual Rate): \$20,000.00 Period Covered: 2009-2010

Location of Activity: Dillard University Psychology Department

Person-Months or % of Effort Committed to the Project: ☐ Cal Yr ☐ 10% Acad. ☐ 15% Summer

Status of Support: ☐ Current ☐ Pending ☐ Submission Planned in Near Future

Contract Number/Proposal Title:

Source of Support:

Award Amount (or Annual Rate): \$ Period Covered:

Location of Activity:

Person-Months or % of Effort Committed to the Project: ☐ Cal Yr ☐ Acad. ☐ Summer

**BOARD OF REGENTS SUPPORT FUND
TRADITIONAL AND UNDERGRADUATE ENHANCEMENT, FY 2008-09**

Budget Pages

Year 1:

	Support Fund Money Requested	Institutional Match ¹	Private/Other Match ²
A. Equipment ³	\$40620.00	\$	\$
B. Software	\$9456.00	\$	\$
C. Supplies	\$630.00	\$400.00 (In-Cash)	\$
D. Shipping/handling	\$700.00	\$	\$
E. Installation	\$	\$1000.00 (In-Kind)	\$
F. Personnel training	\$2000.00	\$1000.00 (In-Kind)	\$
G. Other	\$5000.00	\$	\$
H. Indirect costs	Not allowed	\$	\$
I. Maintenance	Strongly discouraged	\$500.00 (In-Kind)	\$
J. Total costs (A-I)	\$58406	\$2900	\$0

Year 2(Only if the proposed duration is 2 years):

	Support Fund Money Requested	Institutional Match ¹	Private/Other Match ²
A. Equipment ³	\$	\$	\$
B. Software	\$	\$	\$
C. Supplies	\$	\$	\$
D. Shipping/handling	\$	\$	\$
E. Installation	\$	\$	\$
F. Personnel training	\$	\$	\$
G. Other	\$	\$	\$
H. Indirect costs	Not allowed	\$	\$
I. Maintenance	Strongly discouraged	\$	\$
J. Total costs (A-I)	\$0	\$0	\$0

1 Stipulate whether in-cash or in-kind. The Board strongly encourages the sharing of costs for proposed projects. Applicants and institutional officials should note, however, that the employing institution will be required to honor the commitments made in the original proposal before any awards are made. Discounts for equipment purchases are not allowable as institutional match.

2 The budget page(s) must reflect and the budget justification pages must explain any external funds that are claimed in the proposal. External funds and their expenditure must be accounted for in the same manner as Support Fund money and institutional match.

3 Equipment. If applicable, itemize and describe briefly the proposed equipment and its intended use in the project. Include the name, model number, and manufacturer(s).

**BOARD OF REGENTS SUPPORT FUND
TRADITIONAL AND UNDERGRADUATE ENHANCEMENT, FY 2008-09
Budget Pages**

Composite Budget Page:

	Total Support Fund Money Requested	Total Institutional Match ¹	Total Private/Other Match ²
A. Equipment ³	\$40620	\$0	\$0
B. Software	\$9456	\$0	\$0
C. Supplies	\$630	\$400	\$0
D. Shipping/handling	\$700	\$0	\$0
E. Installation	\$0	\$1000	\$0
F. Personnel training	\$2000	\$1000	\$0
G. Other	\$5000	\$0	\$0
H. Indirect costs	Not allowed	\$0	\$0
I. Maintenance	Strongly discouraged	\$500	\$0
J. Total costs (A-I)	\$58406	\$2900	\$0

E. Budget and Budget Narrative/Justification

1. Budget (see BOR spreadsheet)

2. Budget Narrative/Justification

a. Equipment Line Item:

12 Dell Latitude XT Tablet PCs: with 80GB HD; 24x CD-RW/DVD;
Vista Business Professional Tablet Operating System; 2GB SDRAM; Touch
Pen Input; Barcode Reader; and Tablet PC Carry Case. @ \$2685.00 each ;
12 unit cost: \$32,220.00

Total Equipment Objective 1: \$32,220.00

The Tablet PC units are used as the integrated research development, implementation, analysis, and communication platform (with relevant software listed later.) The Tablet PC units and software are required to support the enhanced research training experiences planned for the experimental psychology and independent research in psychology courses. The equipment and software requested is especially suited to enhance an integrated process for research instrument creation, data collection and analysis and report writing and interpretation. All components of the research process may be managed electronically at each of the independent Tablet PC units.

Psychological Testing Equipment and Supplies for Objective 2

8 WAIS-IV IQ Kits @ \$651.00 each: Harcourt/Brace	\$6,000.00
2 WISC-IV IQ Kits @ \$580.00 each/ Harcourt/Brace	\$1,200.00
2 WPPSI-III IQ Kits @ \$600.00 each: Harcourt/Brace	<u>\$1,200.00</u>

Equipment Total for Objective 2: \$8,400.00

The psychological testing equipment is designed to enhance the psychological testing and assessment practicum course that is designed to prepare our students for graduate school and entry level positions in the assessment area. Without these testing materials, the psychology majors will lose their competitive edge in graduate school training programs and career preparation.

Grand Total Equipment Line Item; \$40,620.00

b. Software Line Item:

Survey Research Creation and Analysis Software by NOVA Research Corporation

12 Design Studio Modules @ \$236.00 each	\$2,832.00
12 Data Entry Modules @ \$236.00 each	\$2,832.00
2 Warehouse Manager Modules @ \$396 each	\$792.00
12 site licenses for SSPS Statistics Modules	<u>\$3,000.00</u>
Total Software Line Item:	\$9,456.00

The software is designed to enable the Tablet PC units to serve as the integrated research development, data entry, analysis, and communication training and implementation centers. Each of 12 Tablet PC units will require The Nova Design Module for creating research instruments, the Data Entry Module for collection and summary, and the SPSS Statistical modules to analyze and communicate the results of the research project. The 2 Warehouse Manager Modules from Nova Research Corporation will be housed on two Tablet PC units for data compilation and structuring. Every Tablet PC unit is not required to have the management software.

c. Supplies Line Item:

2 packets of WAIS-IV Answer sheets @ \$105.00 each	\$210.00
2 packets of WISC-IV Answer sheets @ \$105.00 each	\$210.00
2 packets of WPPSI-I3 Answer sheets @ \$105.00 each	<u>\$210.00</u>
Total Supplies Line Item	\$630.00

The supplies from the Harcourt/Brace Publishing Company are required to instruct students in the administration of the IQ exams as part of the enhanced psychological tests and measurements practicum course that will improve the employability and graduate school preparation level of our students.

d. Shipping Line Item:

Estimated Shipping Costs for Equipment:	\$700.00
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The equipment must be shipped from out of town.

f. Personnel Training Line Item:

Training workshop on the administration of the WAIS-IV for the PI:	\$2,000.00
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The WAIS-IV is the latest revision of the Weschler Intelligence Scale for Adults and the new procedures for the administration and scoring for the test require a certified training

workshop in order to instruct students in the new procedures. The PI will also train the other faculty members in Psychology with the new testing procedures.

g. Other Line Item:

2 Stipends for adjunct instructors in Psychology @ \$2,500.00 each: \$5,000.00

The PI requires release time to administer the BOR project and to develop the curriculum changes in the courses that will be enhanced by the purchased equipment. The money requested is to pay for one adjunct instructor in psychology each semester of the project year.

GRAND TOTAL FOR BOR SUPPORT MONEY PROJECT BUDGET \$58,406.00

Institutional Match Budget

c. Supplies Line Item: \$400.00

Ten percent of the annual supplies budget for the Psychology Department will be dedicated to the support of the BOR project in cash.

e. Installation Line Item: \$1,000.00

The ITT division will install all purchased software on each Tablet PC unit and will install all university standard licensed software. The accounting of this service is in-kind.

f. Personnel training Line Item: \$1,000.00

The ITT staff will provide in-service training for faculty on the software packages installed on each computer as part of the in-service training program by ITT at Dillard University. The accounting of the training is in-kind.

i. Maintenance line item: \$500.00

The ITT service at Dillard University provides maintenance service for software packages and internet viral problems. The accounting of these services is in kind.

GRAND TOTAL INSTITUTIONAL MATCH: \$2,900.00

