

**SOUTHERN
WESLEYAN
UNIVERSITY**

2011-2012
**CATALOG OF NEEDS
& OPPORTUNITIES**

LETTER FROM THE PRESIDENT

Dear Southern Wesleyan University Friend:

On the next few pages you will see a variety of items our SWU community of Faculty, Staff and Students have identified as important needs that will advance academics, outreach, community life and student learning this current academic year. We are asking you to partner with us by identifying with one or more of these needs or packages to make their fulfillment a reality!

We recognize that most of us individually are not financially equipped to meet most of the needs listed in this catalog, but collectively, if we all join forces with family, friends and co-workers for the Kingdom, so much will be able to be accomplished! Our request is that you share your interest in meeting a need or two in this catalog with your colleagues, friends and family. Work to inspire their support and then let us know when you are ready to meet that need!

So many times we simply do not tap the power of community. When needs are expressed, we discover a colleague may be connected with a company discarding exactly what we are needing, or a friend with inroads to matching funds or discounts that we never knew were possible!

Thank you for your consideration of this exciting opportunity to partner! The needs expressed in this catalog are important to advance SWU's impact in the quality of our student experience and the desire to reach more and more students to impact the world for Christ.

Enthusiastically,



Todd S. Voss
President

EDUCATION

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
VideoWurks	35 accounts/year	System for teacher candidates to post videos of their own teaching, be assessed by supervisors remotely, receive input from peers via threaded discussion & have access to a digital library of best practice teaching videos.	For increased documentation of teacher candidate progress, improved feedback on performance & possible reduction in the need for supervisor travel.	\$49.95/account (\$1,748.25/year)
The Effective Teacher (HarryWong DVD Series)	1 set (includes 8 DVDs, book & facilitator handbook)	Showcases best practices by effective teachers with commentary & instruction by Harry Wong.	Resource for both undergraduate & graduate education courses.	\$710.00
Wii Fit Plus with Balance Board	1 system	Wii Fit Plus is designed to improve the user's fitness. Contains a large number of activities that fall into a variety of categories.	Resource for various undergraduate Physical Education courses.	\$261.57 including Wii Hardware Bundle
Micro LCD Projector for Presentations	1	Portable LCD projector	For presentations at meetings & conferences.	\$600.00
Ultra Portable Document Camera	5 (for 5 classrooms in Newby)	Lightweight document camera with high-definition clarity	For instruction in classroom with demonstrations.	\$347.45 each (\$1,737.25)
InFocus IN3914 Interactive Projector	1	Turns any surface (such as a whiteboard) into an interactive workspace	For rooms on campus that do not contain either a Promethean or Smart Board	\$1,225.00
High Definition USB 2.0 Hue Webcam with Microphone	10	Lightweight document camera with high-definition clarity	Needed for instruction in classroom with demonstrations	\$40.00 each (\$400.00)
Conference Table with 8 chairs	1	Table needs to be narrow - no more than 3.5'x7'.	Converting storage room into a meeting room	
Interactive white board	1		Replacing Smart Board which is going into new meeting room	



ADMISSIONS

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Golf Cart	1			
Conference Room Table and Chairs				

FINE ARTS

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Blinds for all windows on 2nd floor of Newton Hobson	8	Venetian-style/ faux wood	The sun is very bright in the morning classes making it difficult to read the screens. Also, the classrooms are used for dressing rooms.	\$2,600.00
Soundproofing material for practice rooms & rehearsal hall in New Hobson		Sound treatments could be added to existing walls to absorb sounds.	"Sound soak" materials are needed for sound control.	\$4,000.00
Curtains for Folger Auditorium	Curtains for stage, front curtain and valance, two leg curtains and two more valances.	Standard stage-type curtains for a performing stage would be appropriate.	Folger still works well for the spring musical & can be used for other events that do not require as large a space as Newton Hobson. The current curtains are falling apart & have been sewn & patched as much as possible.	\$7,500.00
Box Truck	1	Used box truck to move Orchestra	This would allow the Orchestra to play at churches & events off campus to recruit students.	\$8,000.00

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Instruments for methods classes (May be able to find some of these instruments at a reduced rate by as much as 40% off the retail cost)			We have not purchased instruments for these classes in a very long time. We have repaired & rented instruments as budget allowed over the past 20 years.	
	1	Flute		\$935.00
	1	Oboe		\$1,700.00
	1	Clarinet		\$1,000.00
	1	Bassoon		\$4,500.00
	1	Alto Sax		\$1,700.00
	1	Bass Clarinet		\$1,700.00
	1	Tenor Sax		\$1,400.00
	1	Baritone Sax		\$4,000.00
	1	Piccolo Trumpet		\$3,500.00
	1	Double Horn		\$3,500.00
	1	Trombone		\$1,000.00
	1	Euphonium		\$1,800.00
	1	Tuba		\$5,500.00
	1	Vibraphone		\$8,000.00
	1	Violin		\$500.00 each
	1	Viola		\$600.00 each
	1	Cello		\$1,400.00 each
	1	Bass		\$4,000.00

ACADEMICS

ELLENBURG

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
New Seating	100		Amphitheater levels are great but tables with chairs for flexible configurations would be better than fixed, broken seats. The movable chairs with fixed desk area are not good either. A new high stool/chair for the professor would be great too.	\$200/chair= \$20,000 \$400/table= \$20,000
Power Strips		Power strips for laptops	Needed for student computers	\$400
New Window Coverings	10		Cannot see video/DVD/power points well at all.	\$400/window= \$4,000

BROWER

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Drop Ceilings		Drop ceilings, replace overhead lighting, fix heating & air problems	Moisture is excessive in all rooms	\$85,000
Window Coverings			Cannot see video/DVD/power points well at all.	\$28,000
Marker Boards			Replace chalk boards	\$18,000
Computer Speakers		New computer speakers on front wall of each classroom	Better sound for students	\$4,300
Tables/Desks/Chairs		Replace broken tables/desks/chairs	Upgrade classrooms	\$18,000

SCIENCE

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
GC-MS (Gas Chromatograph-Mass Spectrophotometer)	1	Instrument that can separate a mixture of substances & then identify what each substance is.	For molecular weight determination to identify specific substances, very important for chemistry & forensic science; primary instrument needed to bring chemistry to a necessary level for chemistry & forensic science majors & for biologists taking chemistry courses.	\$65,000-\$100,000
Water Purification Systems	1	Some form of a Millipore filter system to produce ultrapure, deionized, distilled water	Many experiments, particularly of research & biotechnology grade require ultrapure water, which we now have to buy rather than produce. Regular "stills" do not produce water that is pure enough.	\$4,000-\$10,000
Low Temperature Freezer	1	A freezer that will go down to a temperature of -80C	Many samples need to be frozen well below the temperature of traditional freezers and even lower than -20C in order to be viable at a future date for analysis.	\$8,000-\$16,000 depending on size and extras.
Laminar Flow Hood	1	A hood that circulates purified air & prevents contamination when working with cell cultures & microbiological plates	Would help particularly with cellular & molecular biology & microbiology & for research to prevent contamination of any work & help in PCR (polymerase chain reaction).	\$10,000-\$15,000

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Ultracentrifuge	1	This is a centrifuge that will spin at speeds over 100,000 x g, is a floor model & is refrigerated.	Many molecular biological techniques require the use of this machine in order to separate molecules of different sizes. In both genetics & cell biology there are lab exercises that we could add or do more effectively with this equipment.	\$15,000
Mac Lab	24	24 Macintosh computers for students/faculty	Apple is the fastest growing in the computer industry. Our CS graduates need extensive time on the systems as they work quite differently than the standard PC.	\$40,000-\$50,000
Autoclave	1	An instrument that sterilizes anything so that nothing living is present.	Have a very old one that may last for a few years or may not & is a must for microbiology & many cellular biological experiments & for students & faculty doing research.	\$10,000-\$12,000
Funds for TEM (transmission electron microscope) & SEM (scanning electron microscope)		Maintenance contracts on the electron microscopes.	The costs of the scopes without contracts over the years can become prohibitive & presently the maintenance contracts are themselves prohibitive, but these scopes would help with the biology/premedical & forensic science programs in the future & would help with a master's level program.	\$55,000
Capillary Electrophoresis	1	Separates "proteins" & nucleic acids in charged fields.	One of the new techniques in biotechnology for separation of very small quantities of materials for research level experiments & we need to try & stay somewhat current.	\$30,000-\$40,000

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
AA (Atomic Absorption Spectrophotometer)	1	Instrument that "atomizes" elements for determination of the elements.	Important for determination of inorganic analysis for chemistry & forensic science majors & for biology/premedical majors taking chemistry courses. Would replace a very old one that became defunct.	\$12,000-\$15,000
Funds for Research & Development- Essentially endowment funds for science to support further development of our majors.		Need to build an "endowment" for research & development, repairing & replacing equipment, etc.	For the growth of the Science Division & to keep its work one of a high quality for our students.	\$250,000-\$1,000,000
60 MHz NMR (Nuclear Magnetic Resonance)	1	Uses magnetic fields to determine structure of molecules.	Structural determination important in chemistry.	\$60,000-\$100,000 (would also require being housed in its own space)

SWOOP, OUTDOOR RECREATION COURSES, & OUTDOOR CLUB

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Marmont Limelight 3-Person Tent	7 (or 10 2-person tents)	3-person tent	For SWOOP, recreation courses, & SWOC	\$224.08 each
Kelty Coyote Backpack	20	4,750 cu. in. backpack	For SWOOP, recreation courses, & SWOC	\$165.95 each
Kelty Sleeping Bag	20	Kelty cosmic 35 degree sleeping bag	For SWOOP, recreation courses, & SWOC	\$69.98 each
Therm-a-Rest Z-lite Sleeping Pad	20	20x51 sleeping pad	For SWOOP, recreation courses, & SWOC	\$29.95 each
Primus 1.0L Litech Trek Kettle Pot	7	Cooking pot	For SWOOP, recreation courses, & SWOC	\$29.00 each
Perception Carolina 14.0 Touring Sea Kayak	10	Touring kayak	For SWOOP, recreation courses, & SWOC	\$947.95 each
MTI Slipstream PFD	10	Type III personal flotation device	For SWOOP, recreation courses, & SWOC	\$89.99 each
Sevylor 2000004159 Paddle Kayak Whitewater Pro 240	10	Performance kayak paddle	For SWOOP, recreation courses, & SWOC	\$56.69 each
GT Agressor 1.0 Bike-2011	10	Mountain bike	For SWOOP, recreation courses, & SWOC	\$350.00 each
Bell XLV Bike Helmet	10	Bike helmet	For SWOOP, recreation courses, & SWOC	\$40.00 each

SPIRITUAL LIFE

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
On-stage "Wash" Lighting.	8		These lights would clear up dark spots on stage, enhance dramatic lighting, & give more flexibility in staging events. These fixed lights would reduce set-up & tear-down time & clutter on stage.	\$100 each \$5,000 for installation & materials
Moving Lights	2	Moving lights that would be computer controlled & programmable	To enhance music presentation and chapel	\$400 each (DMX splitter, computer, & cabling for \$1000)
LED Lights	4	LED lights with built in color changers.	For performances	\$1,000 each (DMx splitter & cabling for \$500)
Wireless Sennheiser ew115G3	2	Controls Mics	For Performances	\$500 each
Countryman E6 E6DW6L2SL	1	Microphones	For Performances	\$450 each
Mic Stands with Hercules Adjustment Grip	4	Mic Stand	For performances	\$44 each
Sure Beta Cordless Mics and Receivers	2	Cordless Mics	For performances	\$600 each
Mic Boom Stands	3	Mic Stands	For performances	\$100 each
Additional Stage Monitors	2	Sound Reflection on stage	For performances	\$400 each
"Hot Spot" Monitors	2	Speaker Monitor	For performances	\$150 each
Electronic Drums	1 set	Roland TD-9SXV tour drum kit		\$2,000
Platform Stools	6			\$40 each
Ramp	1		To get equipment, risers, props, etc. on stage	\$1,000



ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
"Reserved" Embroidered Seating Signs	6			\$50 each
Drawbar Organ Keyboard	1	Hammond XK3C Pro Drawboard Organ Keyboard	For University Singers	\$2,600
Keyboard Organ Stand	1		To hold organ keyboard	\$60
Music Manager Software	1		To arrange for performances	\$1,000
Shelving & Supplies			For Ministry Team music library	\$400
Trailer	1	Trailer with interior customizing	For The Difference	\$6,000



EAGLES REST

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Carpet		Carpet needed for all downstairs, stairwell and bedroom upstairs.		
Mattresses and Box Springs		Replace mattresses with pillow top mattresses and replace box springs.	Mattresses are old and need to be replaced.	
Windows			Windows have lost their seal and one of them is cracked.	\$300 each
Kitchen Countertops		Countertops	Needs to be updated.	

STUDENT LIFE

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Commuter Lounge		Completion of the commuter lounge in the Campus Life Center	Ongoing project	\$3,000
Study/Interview Rooms		Addition of 2 small rooms outside of the Career Center	A place for group study & interviews for the Career Center	\$3,000
Outdoor Challenge Course		Course for team building, problem solving, etc.	Educational experience outside the classroom	\$50,000

RESIDENCE LIFE

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
New Furniture		Furniture for lobby of Stuart-Bennett	Furniture is outdated & worn	\$5,000
New Carpet		Carpet for lobby of Stuart-Bennett	Carpet is worn & unattractive	\$3,000

ATHLETICS

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Soccer building		Finish soccer building	Needs restrooms added to eliminate unsightly portable toilets	\$8,000
Locker Rooms/ Rest Rooms		For softball	For softball players & spectators	\$8,000
Administrative Assisant/ Golf Coach Office Space		Need more Offices in the Gymnasium	Current offices are maxed out	\$6,000
Tarp	1	To cover the softball field during rain	Reduce time missed due to weather	\$4,000
Driving Range/ Putting Green		Need golf facilities/ equipment	Reduce golf team travel plus uses for the community	\$30,000
Irrigation System		For C. Keith Connor baseball stadium	Watering the field is a major undertaking	\$4,000
Scorer's Table	3		Scoring for various sports	\$6,000

STUDENT ACTIVITIES

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
Frisbee Golf Course		18-hole course	Significant recreational activity for students & community	\$15,000

REGIONAL LEARNING CENTERS

ITEM NAME	QUANTITY	DESCRIPTION	EXPLANATION OF WHY NEEDED	APPROXIMATE COST
AGS New Classroom Tables	500	All sites need new tables for the classrooms	Current tables are inexpensive & deteriorating	\$275/each

THANK YOU

Thank you so much for taking the time to review our inaugural Southern Wesleyan University Catalog of Needs and Opportunities!

Once you are ready to identify your interest in filling one or more of the enclosed needs, please contact Mary Costello at 864.644.5004 to let us know! We will then keep you posted if others express an interest in the same need to maximize the collaboration.

We are trusting the Lord will provide great opportunities through the simple catalog. It is such a joy to make this load lighter by sharing our needs with you.

May He bless you richly as we partner to make Southern Wesleyan University all it has been designed to be in the months and years ahead.

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