

## TECHNOLOGY AND RESEARCH INITIATIVE FUND (TRIF)

**HIGHER EDUCATION IN  
RURAL SOUTHERN ARIZONA**

Arizona's First University.

September 1, 2009

The Higher Education in Rural Southern Arizona TRIF Initiative was funded in December 2007 from the Regents TRIF Innovation Fund (TIF) to address the special needs of Southern Arizona as a distinct economic region. The initiative's primary goal is to develop a repertoire of high-demand hybrid and electronic courses and degree programs focused on regional needs, made available in partnership with community colleges, and supported by a network of highly accessible and technologically adept faculty.

The initiative is focused on three interdependent components of an economic development triangle: teacher education, commerce/entrepreneurship, and information science-based programs relevant to regional industry, ranging from defense and intelligence to import/export logistics.

Program costs are reduced via four mechanisms: 1) significant community investment in infrastructure; 2) reliance on a small number of dedicated faculty living in target communities or delivering electronic or hybrid content locally and to other communities; 3) focusing our investment on a small number of high-demand, high-quality degree programs; and 4) working closely with our community college partners. This model allows all students to have regular access to live faculty, though those faculty may travel from main campus or serve multiple communities, and each community has access to online content for a broader menu offering than would normally be available in each community.

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Mike Proctor  
Dean, University of Arizona  
Outreach College

## PERFORMANCE MEASURES

	FY08 Proj	FY08 Actual	FY09 Proj	FY09 Actual	FY10 Proj	FY11 Proj
<b>RETURN ON INVESTMENT</b>						
Sponsored Awards	\$ 0	\$ 0	\$ 100,000	\$ 124,925	\$ 150,000	\$ 150,000
Gifts & Other Sources	\$ 0	\$ 0	\$ 200,000	\$ 52,009	\$ 200,000	\$ 200,000
<b>WORKFORCE CONTRIBUTIONS</b>						
Number graduate students enrolled within initiative	0	0	2	130*	4	8
Number graduate degrees awarded	0	0	1	0	2	4
Number of undergraduate degrees awarded	0	0	0	0	20	30
Number undergraduates enrolled	0	0	30	44*	40	50
Total student credit hours produced	0	0	300	107	300	300
Number certificates granted for Higher Ed	0	0	15	0	20	30
Number new certificates offered	0	0	2	1**	2	2
<b>CURRICULUM INNOVATIONS AND STUDENTS SERVED</b>						
Number of newly revised courses offered	0	0	2	2**	4	6
Number new online courses offered	0	0	15	18**	15	15
<b>OUTREACH AND EDUCATION</b>						
Teachers/Educators Trained	0	0	12	14***	18	24
Number enrollments in web & hybrid courses	0	0	30	169*	80	120

\* Includes students currently enrolled for FY10.

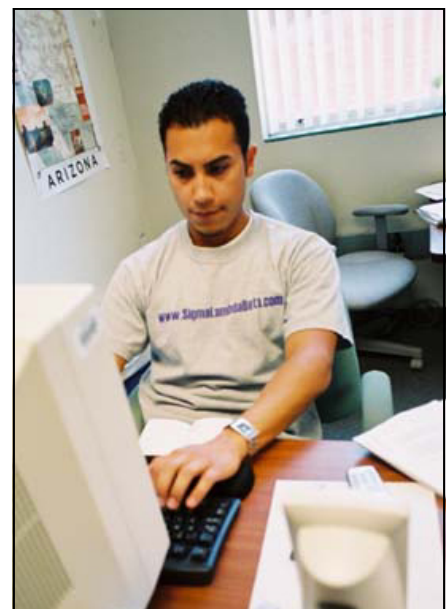
\*\* Includes courses/training modules/workshops/certificates under development for delivery in FY10.

\*\*\* Includes teachers/educators currently enrolled for training in FY10.

Note: Proposal projections for FY08 were shifted to FY09 due to fund timing issues. Although funds were approved in December '07, expenditures could not occur prior to Regents approval of business plan in August '08.

## PERFORMANCE ANALYSIS

Early program investments include: our Nogales Learning Center (UA Santa Cruz); UA South's Teacher Education program; UA main campus business communication certificate; Lesson Link, a teacher resource program; and online science teacher prep courses. Fall enrollments are meeting or exceeding expectations. Moreover, these funds effectively jumpstarted long overdue collaboration between UA Main and UA South. In addition, we have aggressively leveraged these funds against additional resources, dramatically expanding online content through Spring and Fall 2009 in several additional teacher education and information science programs, significantly increasing access for time- and place-bound students throughout the region.



## GOALS

The goal of this initiative is to provide, through integrated 4-year degree programs involving our community college partners, teacher education, commerce/entrepreneurship and information science degrees and certificates throughout Southern Arizona in a revenue-positive and sustainable fashion. We originally projected enrollment to increase by an average of 40 students per year to a minimum of 120 students region-wide within three years, but enrollments in funded courses will likely exceed this number by nearly 50% this fall. We expect that this large increase in students will lead to a measurable increase in the number of certified teachers entering the workforce, and will make a significant contribution to meeting the demand for industry-driven degrees. We also expect to contribute significantly to defense, intelligence and security programs available throughout the region.



## FINANCIAL INFORMATION

	FY07 Actual	FY08 Actual	FY09 Revised Budget	FY09 Actual	FY10 Revised Budget
<b>REVENUE</b>					
Carry Forward	\$ -	\$ -	\$ 500,000	\$ 500,000	\$ 427,085
New TRIF Revenue	\$ -	\$ 500,000	\$ 310,594	\$ 242,885	\$ 191,026
<b>TOTAL REVENUE</b>		<b>\$ 500,000</b>	<b>\$ 810,594</b>	<b>\$ 742,885</b>	<b>\$ 618,111</b>
<b>EXPENDITURES</b>					
Personal Services	\$ -	\$ -	\$ 810,594	\$ 118,218	\$ 618,111
All Other Operating Expenses	\$ -	\$ -	\$ -	\$ 197,582	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL EXPENDITURES</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 810,594</b>	<b>\$ 315,800</b>	<b>\$ 618,111</b>
<b>ROI (See Note 1)</b>	-	-	-	-	-

1) As a non-research initiative and pursuant to the new March 2007 Return on Investment (ROI) policy, ROI will not be calculated in FY 2008-2010.

2) Funding of the Arizona Board of Regents' Technology and Research Initiative Fund (TRIF) is provided by a 0.6 percent increase in the Arizona sales tax rate approved by the voters through Proposition 301 on the November 2000 general election ballot.

## MANAGEMENT

**Leslie Tolbert**, Vice President for Research, Graduate Studies, and Economic Development, is responsible for the overall management of the University's TRIF activities. Direct oversight of this initiative is assigned to **Mike Proctor**, Dean, University of Arizona Outreach College.

## ADVISORY BOARDS

Immediate initiative oversight is provided by the Vice President for Outreach's advisory board, a mix of internal and external individuals who are charged with evaluating the broad strategy of the Outreach Office. A subcommittee of that board is evaluating the business plan for this initiative.

In addition, this board will rely on input from a small group of deans and department heads focused on academic content, and on local advisory councils in Pinal and Santa Cruz Counties to be established by the locally embedded Outreach Coordinators. Ultimate financial and administrative oversight is the responsibility of the Vice President for Outreach.

### Advisory Board Members:

**Iman Hakim**, Dean, Public Health

**Sherry Hoskinson**, Director, McGuire Center for Entrepreneurship

**Bob Lusch**, Department Head, Marketing

**Rick Myers**, Retired IBM Executive, Former Southern Arizona Leadership Council Chairman

**Dave Naugle**, Administrator/Corporate Public Affairs, Southwest Gas Corporation

**David Smallhouse**, Real Estate and Business Ventures

**Telly Stanger**, Manager of Economic Development, Sulphur Springs Valley Electric Cooperative

**Mary Staugard**, Associate Director, Credit Programs, University of Arizona Outreach College

## LEARN MORE

- Contact **Mike Proctor**, Dean, University of Arizona Outreach College, The University of Arizona, at [mproctor@arizona.edu](mailto:mproctor@arizona.edu) or 520-621-7687.
- Contact **Dr. Leslie Tolbert**, Vice President for Research, Graduate Studies, and Economic Development, The University of Arizona, at [tolbert@email.arizona.edu](mailto:tolbert@email.arizona.edu) or 520-621-3513. Visit [www.vpr.arizona.edu](http://www.vpr.arizona.edu) for more information on the individual initiatives.

