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2010 Economic Impact of the University of Texas at Brownsville and Texas Southmost College on Cameron County, Texas

Report prepared by:

David A. Schauer, Ph.D.

and

Elizabeth Gibson

Technical Report #2010-08

Institute for Policy and Economic Development

The University of Texas at El Paso

FACT SHEET
UTB/TSC ECONOMIC IMPACT ON CAMERON COUNTY, TEXAS: 2010

ANNUAL OPERATIONS (2010 $)

1.	**UTB/TSC-Related Local Business Volume**	**$ 144.6 mil.**
2.	**Value of Local Business Property Committed to UTB/TSC-Related Business**	**$ 75.1 mil.**
3.	**Expansion in Local Depository Institutions' Credit Base Resulting from UTB/TSC-Related Deposits**	**$ 15.7 mil.**
4.	**Number of Local Jobs Attributable to UTB/TSC Presence**	**3,882**
5.	**Income to Households Resulting from UTB/TSC Presence**	**$ 246.6 mil.**
6.	**Net Operating Cost of Local Government Provided Municipal Services Allocable to UTB/TSC-Related Influence**	**$ 8.4 mil.**
7.	**UTB/TSC-Related Business Volume/Cameron County Total Retail Sales**	**3.6%**
8.	**UTB/TSC-Related Household Income/Cameron County Gross Income**	**3.9%**
9.	**UTB/TSC-Related Business Volume/Net Local Government Outlays**	**17.2 to 1**
10.	**UTB/TSC-Related Household Income/Net Local Government Outlays**	**29.4 to 1**
11.	**UTB/TSC-Related Business Volume/State Funding**	**5.3 to 1**
12.	**UTB/TSC-Related Household Income/State Funding**	**9.0 to 1**

CONTRUCTION PROJECTS, 2010/2011 FY's

1.	**Incremental Business Volume**	**$ 7.4 mil.**
2.	**Incremental Jobs**	**53**
3.	**Incremental Income to Households**	**$ 2.0 mil.**

INCREMENTAL HUMAN CAPITAL OF GRADUATES FROM UTB/TSC

1.	**Incremental Human Capital per UTB/TSC Graduate Entering National Economy**	**$ 0.5 mil.**
2.	**Addition to National Stock of Human Capital per 2,350 UTB/TSC Graduates**	**$1,175 mil.**
3.	**Incremental Human Capital per Graduate/State Funding**	**35.7 to 1**
4.	**Incremental Human Capital per UTB/TSC Graduate Entering Local Economy**	**$ 0.4 mil.**
5.	**Addition to Regional Stock of Human Capital per 2,350 UTB/TSC Graduates**	**$ 840 mil.**
6.	**Incremental Human Capital per Graduate/State Funding**	**25.5 to 1**

NOTES:

1. The Institute for Policy and Economic Development (IPED) at UTEP used its Regional Impact Model (IPED RIM) to assess the annual operating impacts of UTB/TSC on Cameron County's economy. Formerly known as the Caffrey-Isaacs Model, this comprehensive model is generally considered the classic approach for determining the economic effects of a college or university. The IPED RIM consists of a system of equations (technically, linear cash flow formulas) for a variety of sub-sectors of the institution being analyzed. These equations are employed to determine the economic effects on regional business, household and local government sectors.

2. The widely known IMPLAN (IMpact analysis for PLANing system) was utilized to assess the impacts of UTB/TSC's construction activities over the FY 2010 and FY 2011 period. The IPED RIM model does not have the capabilities to measure construction activities.

3. All economic impact values include the Direct Effects of spending and employment by UTB/TSC plus the Indirect and Induced (that is, multiplier) effects.

4. Input data was provided by UTB/TSC officials, a survey of faculty and staff (433 usable responses; a 17.1% response rate) which was representative of the faculty and staff populations), a survey of students (1754 usable responses; a 15.1% response rate), data generated in similar studies conducted by IPED over the past 7 years, local region economic statistics, and federal government information on spending patterns of household in regions similar to Cameron County.

5. Local Business Volume (#1) results from direct purchases by the UTB/TSC community (UTB,TSC, the faculty, staff, and students new to the region), plus Cameron County firms' purchases from local sources to support the institution's business volume, plus business transactions generated by expenditures of income from non-UTB/TSC households. The last two factors estimate the so-called "second round" or multiplier effects on the local economy.

6. Impact value #2 captures the capital goods (for example, machinery and equipment) and property utilized in the region as a result of the business volume generated by the presence of UTB/TSC.

7. #3 estimates the expansion in local depository institutions' credit base resulting from the presence of the UTB/TSC community.

8. Impact effects on the household sector (#4 and #5) are substantial; generating over 3,880 jobs and in excess of $245 million in income per year.

9. The Net Cost to Local Government value of $ 8.4 million (#6) sums the UTB/TSC-related property and sales tax revenues paid to or received by local government plus the federal aid dollars to local government allocable to the presence of UTB/TSC and then nets out the annual operating costs of government services provided to UTB/TSC and/or to individuals related to UTB/TSC. This is a

net cost figure. However, the region receives a much greater return in the form of additional business volume and household income (see #9 and #10).

10. Impact values #7 and #8 offer insights to the relative importance of the UTB/TSC community to the overall county with respect to business volume and household income. UTB/TSC, directly or indirectly, is responsible for approximately 3.5 to 4.0% of overall economic activity in the area.

11. Figures provided by UTB/TSC indicate 2010 state funding of $27.5 million. This sizable amount receives significant returns of 5 to 1 and 9 to 1 for increased business transactions and household income, respectively (# 11 and # 12).

12. Construction impacts have the same interpretations as discussed above. The impacts exist only during the actual construction periods.

13. The last section of the Summary Sheet provides insights concerning the incremental earnings' stream of UTB/TSC graduates, properly weighted for Associates, Bachelors, and Masters degrees over their work lives if they participate in the workforce throughout the US (#1, #2, and #3) or if they remain in Cameron County for their careers (#4, #5, and #6). The last 3 figures are lower given the lower earning/income levels of Cameron County relative to the US.

14. #3 and #6 provide a return on State funds "invested" in UTB/TSC students over time. More specifically, the $27.5 million of State funds is allocated to the 11,860 non-dual count students at UTB/TSC; an average of $2315 per student per year. If, the "typical" student takes 6 years to earn a degree (obviously, some less time and some longer), then the State has invested roughly $14,000 ($13,890) in that student to "produce" his/her degree. This investment by the State leads to returns (increased earnings of UTB/TSC graduates) ranging from 25 to 1 (#6) and 35 to 1 (#3) per dollar of State funds. Truly significant returns in any investment climate! And, these incremental earnings will be spent over time generating even more impacts on the regional and/or national economy.

2010 Economic Impact of the University of Texas at Brownsville and Texas Southmost College on Cameron County, Texas

Introduction

The University of Texas at Brownsville (UTB) and Texas Southmost College (TSC) continue to be a significant contributor to the Rio Grande Valley regional economy and its 1.1 million residents. UTB/TSC's educational services to the region trace back to 1926. At present, UTB/TSC provides educational opportunities in over 150 undergraduate and 23 graduate programs for over 17,000 students. In doing so, UTB/TSC employs more than 2,500 individuals and has an annual operating budget exceeding $120 million, clearly making it a significant contributor to the regional economy. UTB/TSC is one of the largest business concerns in the Rio Grande Valley. The annual operations and construction projects of the University impact, both directly and indirectly, local business volume, household income, the lending capacity for local depository institutions, employment opportunities, and revenue/expenditure levels of local government units. In addition to these immediate effects, graduates from UTB/TSC enhance the stock of human capital at the regional and national levels with consequent effects upon economic development. This report, prepared by the University of Texas at El Paso's (UTEP) Institute for Policy and Economic Development (IPED), quantifies the magnitude of these factors.

The following models/methods were employed in developing the economic impact analysis:

1) The IPED Regional Impact Model (IPED RIM) was used to assess the immediate effects of the UTB/TSC community upon local economic activity. Based upon the original Caffrey-Isaacs Model developed in 1971, this comprehensive model is generally considered the classic approach for determining the economic effects of a college or university. The IPED RIM consists of a sophisticated system of equations (technically, linear cash flow formulas) for a variety of sub-sectors of the institution being analyzed. These equations are employed to determine the economic effects on regional business, household and local government sectors.

2) The widely known IMPLAN (IMpact analysis for PLANing system) was utilized to assess the impacts of UTB/TSC's construction activities over the FY 2010 and FY 2011 period.
3) The final portion of the analysis focuses upon the long-run benefits of the University on the region and nation's stock of human capital. Specifically, increased educational levels enhance the productivity of workers, promote the development of new technology, and therefore improve the prospects for economic growth over time. Formal analysis in this area is relatively new. One approach to providing some basic insight to this argument is to compute the incremental earnings' stream of college graduates over their work life. The present study performs such a calculation.

Data

UTB/TSC faculty, staff, and students were surveyed in the spring of 2010. All faculty and staff received a questionnaire electronically. Students, both undergraduates and graduate, were sampled across all colleges via an in-class survey instrument. The UTB/TSC community of faculty and staff was asked to respond to a series of questions concerning their status at UTB/TSC, information about their income/expenditure/saving levels along with data on any dependents in their household. Students were asked similar questions in addition to being asked what other educational outlets they might pursue if UTB/TSC's educational facilities were not available. Copies of the faculty, staff, and student survey instruments are provided in the Appendix to this report.

A total of 433 usable responses from faculty and staff were received; a 17.1 percent overall response rate with appropriate proportions of faculty versus staff. Faculty respondents were distributed in a representative fashion across colleges/departments. Staff replies were distributed across 13 administrative; institutional advancement; business, external, and student affairs; and physical plant divisions or offices. The student sample totaled 1,754; a 15.1 percent overall response rate. Faculty, staff, and student responses in the current study were consistent with those collected in previous IPED analyses of UTEP's and the Texas Tech University Health Sciences Center-El

Paso completed over the past 7 years, local region economic statistics, and federal government information on spending patterns of household in regions similar to Cameron County.

Additional data was obtained from UTB/TSC budgets and enrollment/graduation patterns; and a variety of local, state, and federal government agencies.

Results

IPED RIM analysis reveals the following impacts of UTB/TSC-related expenditures on local business sales volume (BUS).

Local Business Effects

(BUS-1)

Total impact of UTB/TSC-Related Expenditures on Local Business Volume	$144,579,715
(A) Purchases by UTB/TSC Community	$ 93,926,692
(B) Regional Firms' Purchases from Local Sources in Support of UTB/TSC-Related Business Volume	$ 31,310,681
(C) Business Volume Generated by Expenditure of UTB/TSC-Related Income Received by Households not Part of UTB/TSC Community	$ 20,680,936
(D) Local Business Volume Unrealized Given UTB/TSC Competing Enterprises	$ 1,338,594

BUS-1-A computes the direct purchases from local businesses made by UTB/TSC, its faculty, staff, and the incremental student population (that is, those students who are renting in Cameron County and would leave the region if UTB/TSC's facilities were not available).

BUS-1-B & C estimate the so-called "second round" or multiplier effects on local firms.

BUS-1-D nets out local business volume unrealized because of the existence of UTB/TSC enterprises which compete with local firms.

(BUS-2)	Value of Local Business Property	$ 75,076,723

This impact component captures the capital goods (for example, machinery and equipment) and property utilized in the region as a result of the business volume generated by the presence of UTB/TSC. It is assumed that UTB/TSC's share of total local business volume can be applied to the assessed valuation of total local business property.

(BUS-3)	Expansion in Local Depository Institutions' Credit Base Resulting from the Presence of UTB/TSC	$ 15,726,960

This effect results from demand/savings/time deposits held by the UTB/TSC community in local financial institutions.

Local Individual Effects

The next portion of the IPED RIM quantifies the increase in employment and income to the region as a result of UTB/TSC's presence in the community. The individual/household sector (HH) of IPED RIM calculates the following impacts:

(HH-1)	Number of Local Jobs Attributable to the Presence of UTB/TSC	3,882

The IPED RIM assumes that the ratio of UTB/TSC-related local business volume to gross local sales on business volume is the same as the ratio of local jobs attributable to the presence of UTB/TSC to total local civilian employment.

(HH-2)	Personal Income Resulting from UTB/TSC-Related Jobs and Business Activity	$246,624,832

This value is the sum of two factors:

(A)	Income of UTB/TSC Community	$191,943,540
(B)	Income of Local Individuals Employed as Result of UTB/TSC-Related Business Volume	$ 54,681,293

HH-2-B picks up the indirect or multiplier effects of this component of the IPED RIM.

Government Effects

The final segment of the IPED RIM is designed to reveal the effects of the presence of UTB/TSC upon local government revenues and expenditures (GOV). The overall, net cost to local government and the three components to this figure are:

(GOV – 1)	Net Operating Cost of Local Government Provided Municipal Services Allocable to UTB/TSC Presence	$ 8,425,956
	(A) UTB/TSC-Related Revenues Received by Local Government	$ 19,194,928
	(B) Value of Municipal-Type Services Self-Provided by UTB/TSC	$ 2,135,738

(C) Operating Cost of Government Provide Municipal Services Allocable to UTB/TSC Presence	$ 29,756,622

GOV-1-A sums UTB/TSC-related property and sales tax revenues received/paid to local government units plus federal aid dollars to local government allocable to the presence of UTB/TSC.

GOV-1-B estimates the value of municipal services provided by UTB/TSC instead of relying on provision of such services by local government; security for example. GOV-1-A and B represent amounts which reduce the net costs to local government.

GOV-1-C measures the annual operating costs of government services provided to UTB/TSC and/or to individuals related to UTB/TSC. These costs include municipal services allocable to UTB/TSC-related activities and costs for local public schools allocable to UTB/TSC faculty/staff along with their spouse and dependents.

A variety of percentage and benefit to cost ratios may be determined given the results of the IPED-RIM analysis. For example:

- UTB/TSC-related sales volume relative to total retail and wholesale revenues in Cameron County: 3.6%

- UTB/TSC-related income to households relative to Cameron County's gross income or Gross Regional Product: 3.9%

- UTB/TSC-related annual sales volume compared to annual net local government outlays: 17.2 to 1. That is, every $1 spent by local government to provide municipal services to the UTB/TSC community generated $17.20 in incremental sales volume to the region.

- UTB/TSC-related annual household income compared to annual net local government outlays: 29.4 to 1. That is, every $1 spent by local government to

provide municipal services to the UTB/TSC community generated $29.40 in additional income to households in the region.

- The State of Texas allocated $27.5 million to UTB/TSC for the 2010 calendar year. Every state dollar generated $5.26 in additional sales revenue and $8.97 in incremental income to the El Paso economy.

Construction Impacts

The IMPLAN model estimates that Construction impacts over the FY 2010 through FY 2011 period are $7,425,160 in additional business volume, a cumulative total of 53 jobs, and $2,055,956 in incremental income to the household sector in the county.

Human Capital Investments

The last section of the analysis quantifies the incremental earnings stream of UTB/TSC graduates, properly distributed for certificates, associates, bachelors, and masters degrees, over their work life. Each of these income streams is compared to individuals with an educational level one step lower than the certificate or degree being analyzed; for example, a certificate holder compared to a high school diploma (or equivalent), an associate's degree holder relative to an individual with "some college but no degree", a bachelor's degree to an associate's degree, and so on. Figures are calculated for graduates locating throughout the United States and also for those who remain in the Cameron County region. The calculations reveal the following:

- The addition to the global stock (that is, throughout the U.S.) of human capital per 2,350 annual UTB/TSC graduates is $1.175 billion. This converts to an incremental value of $500.0 thousand per graduate.

- Recall that the State allocates $27.5 million per year to UTB/TSC at present. This translates to approximately $2,315 per student. Assuming a six-year period to acquire a degree, the State allocates roughly $14,000 ($13,890) to "produce" a UTB/TSC degree. When this "cost" figure is compared to the $500,000

incremental benefit per graduate in terms of additional earning capacity, a benefit to cost ratio of 35.7 to 1 results.

- The relevant values for UTB/TSC graduates remaining in the Cameron County region are $840 million per 2,350 students, $357.5 thousand per graduate, and a 25.5 to 1 benefit to cost ratio. The figures are somewhat lower than the global values given the lower earnings' level in the Cameron County region.

A final note concerning the net increase in earnings to UTB/TSC graduates. The U. S. Bureau of Census recently released a study concluding that the incremental effect on an individual's stock of human capital was over $750 thousand in 2010 dollars. In addition, the College Board estimates the figure to be over $800 thousand. Both studies utilized the so-called synthetic work life approach; a somewhat more optimistic method. Clearly, the amounts presented in this report are conservative in relative terms but no less impressive.

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UTB/TSC Officials: J. Gomez, Director, Office of Human Resources
C. Lewis, Associate Vice President for Business Affairs
J. Storbeck, Professor of Public Policy and Management
R. Villareal, Associate Vice President for Enrollment Management
A. Zavaleta, Associate Provost

UTB Website: http://www.utab.edu/Pages/default.aspx.

APPENDIX

FACULTY, STAFF, AND STUDENT SURVEY INSTRUMENTS

UTB/TSC'S DIVISION OF EXTERNAL AFFAIRS AND THE TEXAS BORDER CENTER FOR ECONOMIC AND ENTERPRISE DEVELOPMENT (CEED-CBIRD) ARE CONDUCTING A

"STUDY OF THE ECONOMIC IMPACT OF UTB/TSC ON THE BROWNSVILLE AND REGIONAL ECONOMY"

Please Read the Following

UTB/TSC's Division of External Affairs along with the Texas Border Center for Economic and Enterprise Development (CEED-CBIRD) is examining the economic impact of The University of Texas at Brownsville and Texas Southmost College (UTB/TSC) on the regional economy. This questionnaire is being provided to you because you are a member of the UTB/TSC faculty, full-time or part-time. Similar questionnaires are being completed by the Staff and by Students. We greatly appreciate your participation.

Responses to the following questions are **strictly confidential, your personal identity is not being collected** and your responses will only appear in the aggregate with all other responses from all other faculty members. Your participation in this survey is completely voluntary. Do **not** place your name, signature, or home address on the form. Please return the completed survey to the Department Chair or Dean who distributed this survey to you as soon as you are able to complete it. If you have any questions concerning this survey, please call Dr. James Storbeck, CEED-CBIRD Project Principal Investigator (956) 882-3880; Dr. Tony Zavaleta, Vice President to External Affairs (956) 882-7313 or Ms. Yolanda Zamarripa, CEED-CBIRD Research Associate (956) 882-7319.

Faculty Questionnaire
(Full-time or Part-time)

1. Please check the UTB/TSC College or School in which you are employed?

a. _____Business
b. _____Education
c. _____Health Sciences
d. _____Science, Mathematics and Technology
e. _____Liberal Arts
f. _____General Studies
g. _____Other

2. **Please respond about family members that reside with you. Please give the number for each. If a-e do not apply please check f.**

    a. _____Number in your home who are students in public schools or at UTB/TSC
    b. _____Number in your home who are students in private schools
    c. _____Number in your home, other than you, who are employed, but not by UTB/TSC
    d. _____Number in your home who are active U.S. military
    e. _____Number in your home that are over 18 years of age but are not employed
    f. _____I live alone

3. **Please describe your residence by checking <u>only one</u> of the following choices.**

    a. _____I own my home
    b. _____I rent or lease a home
    c. _____I do not reside in Brownsville
    d. _____I live in my parent's home
    e. _____I live in an apartment not with my parent
    f. _____Other_____
    (Please specify)

4. $_____**If you own a home or are buying a home in Cameron County <u>estimate</u> your most recent yearly real estate or property taxes in dollars.**

5. **<u>Estimate</u> your monthly expenditures with Cameron County businesses outside of UTB/TSC.**

    a. **$_____Estimated Monthly** housing payment

    b. **$_____Estimated Monthly** total utilities payments (for example, electricity, water gas)

    c. **$_____Estimated Monthly** entertainment expenses (for example movies, restaurants)

    d. **$_____Estimated Monthly** groceries and other household expenses

    e. **$_____Estimated Monthly** charitable contributions (for example, Church)

    f. **$_____Estimated Monthly** auto expenses (gas, repairs, regular maintenance)
    <u>Do not include auto insurance payments or car payment</u>

    g. **$_____Estimated Monthly** retail purchases (for example, clothing, shoes, pet supplies)

    h. **$_____Estimate Other Monthly** expenses made in Cameron County

6. Check the response that best describes your home. <u>Please check only one</u>

a. _____ Single family-dwelling

b. _____Apartment

c. _____Condominium

d. _____Trailer home

e. _____ Other

7. $_____<u>Estimate</u> your total family monthly gross income for all wage earners (before State or Federal deductions).

8. <u>Estimate</u> your total family <u>average</u> account balance in Cameron County Banks and Credit Unions (This number is used to determine UTB's contributions to the local credit base)

a. **$_____ Estimate** average balance in checking accounts (all)

b. **$_____Estimate** average balance in savings
(for example, all CDs, regular savings, money markets)

9. _____Please indicate the ZIP Code where you live.

THANK YOU FOR YOUR PARTICIPATION

UTB/TSC'S DIVISION OF EXTERNAL AFFAIRS AND THE TEXAS BORDER CENTER FOR ECONOMIC AND ENTERPRISE DEVELOPMENT (CEED-CBIRD) ARE CONDUCTING A

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Responses to the following questions are **strictly confidential, your personal identity is not being collected** and your responses will only appear in the aggregate with all other responses from all other staff members. Your participation in this survey is completely voluntary. Do **not** place your name, signature, or home address on the form. Please return the completed survey to the Staff Senate representative who distributed this survey to you as soon as you are able to complete it. If you have any questions concerning this survey, please call Dr. James Storbeck, CEED-CBIRD Project Principal Investigator (956) 882-3880; Dr. Tony Zavaleta, Vice President to External Affairs (956) 882-7313 or Ms. Yolanda Zamarripa, CEED-CBIRD Research Associate (956) 882-7319.

Staff Questionnaire

1. Please check the UTB/TSC Division or Sub-division in which you are employed?

a. _____President's Office
b. _____Provost's Office
c. _____Academic Affairs
d. _____Intuitional Advancement
e. _____Enrollment Planning
f. _____Information Technology
g. _____Student Affairs
h. _____External Affairs/Workforce Training Continuing Education
i. _____Business Affairs
j. _____Partnership Affairs/Physical Plant

2. Please respond about family members that reside with you. Please give the number for each.
If a-e do not apply please check f.

a. _____Number in your home who are students in public schools or at UTB/TSC
b. _____Number in your home who are students in private schools
c. _____Number in your home, other than you, who are employed, but not by UTB/TSC
d. _____Number in your home who are active U.S. military
e. _____Number in your home that are over 18 years of age but are not employed.
f. _____I live alone

3. Please describe your residence by checking <u>only one</u> of the following choices.

a. _____I own my home
b. _____I rent or lease a home
c. _____I do not reside in Brownsville
d. _____I live in my parent's home
e. _____I live in an apartment not with my parent
f. _____Other_____
(Please specify)

4. $_____**If you own a home or are buying a home in Cameron County <u>estimate</u> your most recent yearly real estate or property taxes in dollars.**

5. <u>Estimate</u> your monthly expenditures with Cameron County businesses outside of UTB/TSC.

a. **$_____Estimated Monthly** housing payment

b. **$_____Estimated Monthly** total utilities payments (for example, electricity, water gas)

c. **$_____Estimated Monthly** entertainment expenses (for example movies, restaurants)

d. **$_____Estimated Monthly** groceries and other household expenses

e. **$_____Estimated Monthly** charitable contributions (for example, Church)

f. **$_____Estimated Monthly** auto expenses (gas, repairs, regular maintenance)
<u>Do not include auto insurance payments or car payment</u>

g. **$_____Estimated Monthly** retail purchases (for example, clothing, shoes, pet supplies)

h. **$_____Estimate Other Monthly** expenses made in Cameron County

6. Check the response that best describes your home. <u>Please check only one.</u>

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d. _____Trailer home

e. _____ Other

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(This number is used to determine UTB's contributions to the local credit base).

a. **$_____ Estimate** average balance in checking accounts (all)

b. **$_____Estimate** average balance in savings
(for example, all CDs, regular savings, money markets)

9. _____Please indicate the ZIP Code where you live.

THANK YOU FOR YOUR PARTICIPATION

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Please Read the Following

UTB/TSC's Division of External Affairs along with the Texas Border Center for Economic and Enterprise Development (CEED-CBIRD) is examining the economic impact of The University of Texas at Brownsville and Texas Southmost College (UTB/TSC) on the regional economy. This questionnaire is being provided to you because you are a UTB/TSC student (part-time or full-time). Similar questionnaires are being completed by the Faculty and by Staff. We greatly appreciate your participation.

Responses to the following questions are **strictly confidential, your personal identity is not being collected** and your responses will only appear in the aggregate with all other responses from all other staff members. Your participation in this survey is completely voluntary. Do **not** place your name, signature, or home address on the form. Please return the completed survey to the Staff Senate representative who distributed this survey to you as soon as you are able to complete it. If you have any questions concerning this survey, please call Dr. James Storbeck, CEED-CBIRD Project Principal Investigator (956) 882-3880; Dr. Tony Zavaleta, Vice President to External Affairs (956) 882-7313 or Ms. Yolanda Zamarripa, CEED-CBIRD Research Associate (956) 882-7319.

Student Questionnaire
(Part-time; Full-time; Undergraduate; Graduate student)

1. Please respond by marking <u>only one</u> answer for the following

a. _____Full-time undergraduate student
b. _____Part-time undergraduate student
c. _____Full-time graduate student
d. _____Part-time graduate student
e. _____Other (please specify)

2. What do you consider your home town?

a. _____Brownsville
b. _____Another town in Cameron County
c. _____Another town in Texas and not in Cameron County
d. _____Matamoros
e. _____Another town in Mexico and not in Matamoros
f. _____Other (please specify)

3. Please describe your residence by checking <u>only one</u> of the following choices.

a. _____On-campus student housing
b. _____Apartment or housing but not with parents
c. _____Live with parents in Brownsville
d. _____Buy or own home in Brownsville
e. _____Rent or lease home in Brownsville
f. _____Do not reside in Brownsville
g. _____Other (please specify)

4. <u>Estimate</u> your annual expenses for all of the following items.

a. $_____Education expenses (for example, tuition and fees, books)
b. $_____Housing expenses (for example, rent, mortgage)
c. $_____Utility expenses (for example, electricity, water, gas, telephone)
d. $_____Entertainment expenses (for example, movies, eating out)
e. $_____Grocery expenses
f. $_____Auto expenses (for example, gas, repairs, regular maintenance) **(do not include your car payment or auto insurance payment)**
g. $_____ Retail purchases (for example, clothing and shoes)
h. $_____ All other expenses made in Cameron County

5. $_____Estimate your annual gross income before deductions. (for example, before federal taxes, FICA or retirement are deducted)

6. Estimate your average individual account balance in Cameron County banks or Credit Unions (this number is used to determine UTB's contribution to the local credit base).

$_____Checking accounts (all)

$_____Savings accounts (all, for example, CD's, regular savings, money markets, etc.)

7. If UTB/TSC were not available, what would you most likely do to obtain an education? (please check only one).

- **a.** _____Attend College outside of Brownsville
- **b.** _____Attend a local alternative such as TSTC in Harlingen or UTPA in Edinburg
- **c.** _____Attend distance education or on-line
- **d.** _____Not attend college at all
- **e.** _____Not sure

8. _____Please indicate the ZIP Code where you live.

THANK YOU FOR YOUR PARTICIPATION