

# Learn. NOW.



# 2010 ANNUAL REPORT



## TENNESSEE TECH UNIVERSITY

EXTENDED PROGRAMS AND REGIONAL DEVELOPMENT  
SCHOOL OF INTERDISCIPLINARY STUDIES

**Tennessee Technological University**  
**Extended Programs & Regional Development**  
**School of Interdisciplinary Studies**  
**ANNUAL REPORT 2009-2010**

## **INTRODUCTION**

Extended Programs & Regional Development (EPRD) and the School of Interdisciplinary Studies (IS), formerly the School of Interdisciplinary Studies and Extended Education (ISEE), were reorganized and renamed on July 1, 2006. The unit's 2005-2010 Strategic Plan, developed in conjunction with the university's planning process for the Tennessee Technological University (TTU) 2005-2010 Strategic Plan, was maintained. The mission, vision, values, strategic goals and measurable objectives which follow are aligned with and in support of the TTU Strategic Plan which encompasses the framework of current strategic plans for the Tennessee Board of Regents (TBR) and the Tennessee Higher Education Commission (THEC).

This report presents progress for each goal and objective for this final year of the unit plan achieved through the invaluable work of various internal and external partners. We remain strongly focused on positively impacting the lives of our students as we strive to contribute to the university vision to "be one of the best universities in the nation through a commitment to the life-long success of our students."



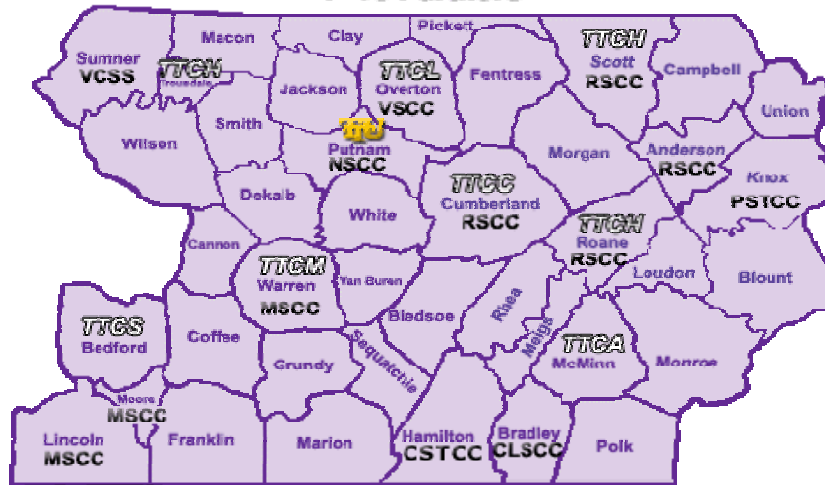
# MISSION, VISION, VALUES AND STRATEGIC GOALS

## MISSION

Extended Programs & Regional Development and the School of Interdisciplinary Studies is a university-wide outreach and service unit whose mission is to provide innovative, high quality educational opportunities in response to changing needs of the diverse population within TTU's service area and beyond.

### Tennessee Technological University

#### P-16 Partners



- **Community Colleges**
- **Tennessee Technology Centers**
- **P-12 Schools in all above counties**

#### Community Colleges:

1. Chattanooga State – *Hamilton*
2. Cleveland State – *Bradley*
3. Motlow State – *Lincoln, Moore, Warren*
4. Nashville State – *Putnam*
5. Pellissippi State – *Knox*
6. Roane State – *Anderson, Cumberland, Roane, Scott*
7. Volunteer State – *Overton, Sumner*

#### Tennessee Technology Centers:

1. TTCA – *Athens*
2. TTCC – *Crossville*
3. TTCH – *Harriman*
4. TTCH – *Hartsville*
5. TTCH – *Oneida/Huntsville*
6. TTCL – *Livingston*
7. TTCM – *McMinnville*
8. TTCS – *Shelbyville*

This mission is carried out by creating and maintaining partnerships with campus academic units and external entities to provide:

- ♦ Credit and non-credit off-campus courses
- ♦ Campus evening and weekend courses
- ♦ Distance learning offerings
- ♦ Special courses and events
- ♦ Service activities
- ♦ Interdisciplinary degrees

## VISION

EPRD and IS aspires to be recognized as the partner of choice in expanding access to a broad array of high-quality educational alternatives, thus impacting the cultural, economic and social growth for citizens in TTU's service area and beyond with expansion into the global economy.

## VALUES

EPRD and IS will be:

- ◆ Student-centered in all that we do
- ◆ Market-driven and flexible in offerings and schedules
- ◆ Service-oriented and collaborative in our actions with students, faculty, partners, colleagues and alumni
- ◆ Committed to lifelong learning for those we serve and for ourselves
- ◆ Dedicated to diversity of people, thoughts and experiences
- ◆ Focused on high-quality programs, continuous improvement, accountability for results and efficient use of resources in educational offerings and unit operations

## STRATEGIC GOALS

### Leadership

#### *Goal*

- 1.1 Promote and effectively communicate the positive impact of EPRD and IS on students, alumni, faculty and community through outreach activities with internal and external partners.

#### *Measurable Objective*

- 1.1a Increase the number of press releases, presentations, focus groups, or articles published for Tennessee audiences that could positively affect their attitudes about EPRD and IS and/or TTU related to:
- P-16 initiatives
  - Community related projects
  - Workforce development
  - Effective use of technology
  - Research, service and outreach

#### *Results*

The 2004-2005 base year objective baseline was **12** activities, and the target for 2009-2010 was a **25%** increase, or **17** activities. The target of **17** was exceeded with **67** press releases, presentations, focus groups and/or articles published.

#### *Highlights*

- Made presentations on TTU off-campus degrees and offerings at K-12 In-service Programs in school systems throughout the **42** counties in the EPRD service area.

- Partnered with Motlow State Community College (MSCC), Tennessee Technology Center at McMinnville (TTCM) and Warren County School System to conduct a career awareness day to serve approximately **500** Warren County seventh graders.
- Collaborated with the College of Education to conduct an orientation for off-campus adjunct faculty.
- Represented TTU at career and college fairs throughout the state, such as in Collierville, Cordova, Huntsville (Tennessee), McMinnville, Memphis, Oak Ridge, Shelbyville, Somerville and Tullahoma.
- Worked with the Regents Online Degree Program (RODP) Central Office on the Academic Audit self-study for the undergraduate Interdisciplinary Studies and Professional Studies degrees and represented TTU in the onsite visit reviews by the committees on these degree programs.
- Partnered with the Cookeville/Putnam County Chamber of Commerce and other regional leaders in the Highlands Initiative Project that focuses on economic development, education and quality of life in the region.
- Presented at Bedford County Technology Conference for K-12 Educators with **425** teachers in attendance.
- Represented TTU at Warren County Back-to-School event and promoted the Ollie Otter Booster Seat Safety Campaign.
- Promoted TTU at statewide Counselors Institute in Franklin, Tennessee.
- Continued the “Finish Your Degree” campaign that targets students who are near completion of a degree but are not currently attending college for multiple reasons.
- Placed ads in several local newspapers and publications promoting TTU degree programs and classes in the EPRD service area.
- Recognized Kent Johnson as the 2010 Outstanding Alumnus for the School of Interdisciplinary Studies. Kent graduated with a B.S. degree in Interdisciplinary Studies in 2009. He is the Center Director for the City of Knoxville Parks and Recreation Department and is responsible for all daily operations and management as well as supervisor of after-school and summer programs. He is a mentor to about 80 children in an after-school program at the Cecil Webb Center in Knoxville, Tennessee, and was named 2009 City of Knoxville Parks and Recreation Employee of the Year. Kent was featured in TTU’s *Visions* magazine this past year.
- Represented the university at Joint Partners in Education Meeting at TSU Nursery Research Center in McMinnville.

- Arranged for awarding of Dottie West Scholarships to **fifteen (15)** TTU students attending the 2+2 ELED Program in McMinnville and for local news coverage.
- Represented TTU on the State of Tennessee Division of Emergency Medical Services Board, a governor appointed oversight board for the State of Tennessee.
- Distributed numerous press releases regarding all projects conducted through the University Service Center.
- Arranged for local newspaper coverage of various events, including: 2+2 graduation celebrations, Eagle Engineer Summer Camp, Project Lead the Way classes and service projects conducted through the University Service Center.
- Represented the University Service Center at several Freshman Orientation Resource Fairs and in several student organization meetings as well as in courses that included a required service component. Represented the University Service Center in faculty QEP meetings in which a substantial percentage of faculty receiving QEP grants had chosen service-learning projects, with the developmental assistance of the Service Center.
- Developed and conducted onsite computer training for Macon County residents as a result of a newly formed partnership between the University Service Center and the Macon County Post Secondary Education Team. Plans are in place to continue these onsite training sessions in Macon County and to expand offerings to other off-campus sites.
- Partnered with The Gathering, a student organization, to collect and ship items to Haiti after the Haiti Quakes. Items from TTU were taken to Port-de-Paix through national organizations.
- Represented Tennessee Tech on the Tennessee Board of Regents (TBR) Distance Education Committee to revitalize and reorganize this committee.
- Participated in Mind2Marketplace (M2M), an organization whose focus is to promote entrepreneurship, to support technology and innovation, and to encourage the growth of a talented workforce.
- Represented the university at the Tennessee Valley Corridor Conference in Washington, D.C.
- Coordinated presentations by President Robert Bell, Kevin Liska and Michael Aikens to McMinnville Rotary clubs.
- Arranged for class visit and presentation by Dr. James Jordan-Wagner to business majors at Motlow McMinnville Center.

- Participated in the School Directors' Study Council monthly meetings on campus, as well as in off-campus meetings in Sumner and Wilson counties.
- Participated in Purple Pride events in partnership with Athletics and University Advancement to promote TTU in the Upper Cumberland region.
- Partnered with the College of Education and Knox County Schools to offer an English as a Second Language licensure program.
- Participated in a Majors Fair on the TTU campus in Spring 2010.
- Opened dialogue with Oak Ridge community leaders, Roane State and TTU regarding new coursework options targeting needs in the Oak Ridge community.
- Partnered with Roane State in Crossville to hold a "Celebrating Business/Global Entrepreneurship Week" event using local entrepreneurs (some led by TTU Grads), to answer questions about their business.
- Conducted a workshop entitled "Time Management" for the student membership of the Sigma Phi Epsilon fraternity.
- Partnered with TTU Service Learning Center and the Crossville/Cumberland County Chamber of Commerce to conduct a Tourism Survey using student volunteers at local motels in which data was gathered for use by the Chamber.
- Presented programs on Interdisciplinary Studies onsite and online degree offerings at both Rotary Clubs in McMinnville.
- Represented EPRD and IS on various internal TTU committees/organizations such as the following: Targeted Enrollment Committee, University Research Council, Basketball Program Academic Progress Rate (APR) Committee and General Education Committee.
- Received nomination for the Award for Excellence in UNIV 1010 Instruction at Tennessee Tech University in Spring 2010 to Interdisciplinary Studies faculty member, Dr. Steven B. Frye.
- Contributed to the following book, papers and presentations:
  - ▶ *Exploring New Heights: Using an Outreach Approach to Motivate Future Engineers*, presentation at the Association for Continuing Higher Education South Annual Meeting, Cocoa Beach, Florida, April 13, 2010; (Matthew Boynton and Susan Elkins)
  - ▶ *Improving Engineering Education Outreach in the Rural Counties through Engineering Risk Analysis*, paper posted on website for publication in "Journal of

Professional Issues in Engineering Education and Practice”, January 11, 2010; (Matthew Boynton and Faisal Hossain)

- ▶ *In Times Like These: Making Liberal Adult Education Relevant in the 21<sup>st</sup> Century?*, presentation at the 58<sup>th</sup> annual meeting of the American Association for Adult and Continuing Education, Cleveland, Ohio, November 2009; (S.B. Frye and R.G. Brockett)
- ▶ *Practical Work: 100 Years of Dixie College and Tennessee Tech University*, book, Tennessee Technological University, Cookeville, Tennessee, 2009; (Robert R. Bell, W. Calvin Dickinson, Susan A. Elkins, Laura E. Clemons)
- ▶ *Reflections on Graduate Students and the AAACE Organization*, column in “Adult Learning”, April 2010; (Steven B. Frye)

### ***Measurable Objective***

- 1.1b Increase the number of campus activities related to:
- P-16 initiatives
  - Community related projects
  - Workforce development
  - Effective use of technology
  - Research, service and outreach

### ***Results***

The 2004-2005 base year objective baseline was **eight (8)** activities, and the target for 2009-2010 was a **25%** increase, or **13** activities. The target of **13** was exceeded with **83** activities related to P-16 initiatives, community related projects, workforce development, effective use of technology and research/service/outreach.

### ***Highlights***

- Partnered with the College of Education, Upper Cumberland School Directors’ Study Council and the Upper Cumberland Regional Office of the State Department of Education to host the following P-16 activities:
  - ▶ Building Data Capacity in Targeted Schools of the Upper Cumberland with **177** participants
  - ▶ School Law Seminar with **421** participants
  - ▶ Fall Creek Falls Educational Leadership Institute with **305** participants
  - ▶ Safe and Accountable Schools Conference with **174** participants
  - ▶ Mini-Workshops in Education with **281** participants
  - ▶ Upper Cumberland Teacher’s Council with **119** participants
  - ▶ What Great Principals Do Differently with **122** participants
  - ▶ Upper Cumberland Study Council Luncheon with **80** participants

- Coordinated and/or hosted other Special Events:
  - ▶ Highlands Career Fair with **1,530** participants
  - ▶ Career Fair for Persons with Disabilities with **295** participants
  - ▶ Positive Behavior Support Conference with **165** participants
  - ▶ President's Academy for Emerging Technologies with **36** participants
  - ▶ School Nurses Conference with **47** participants
  - ▶ Mind2Marketplace Meeting with **17** participants
  - ▶ Engineering a Future with **150** participants
  - ▶ LBJ&C Staff Training with **40** participants
  - ▶ 2009 First LEGO League Tennessee State Tournament with **440** participants
- Collaborated with TTU's Exercise Science, PE, and Wellness staff to provide a two-day lifetime wellness training for **176** teachers in the Upper Cumberland Region.
- Facilitated a two-day Tennessee Schools and Mental Health Systems Integration Workshop conducted by Vanderbilt University with **260** participants from across the state.
- Partnered with Tennessee Department of Education, Tennessee Board of Education and Upper Cumberland School Directors' Council to provide three days of Personal Finance Training on the TTU campus to prepare high school and middle school teachers in counties served by the Upper Cumberland Field Service Office to teach the newly required Personal Finance course.
- Collaborated with Upper Cumberland Human Resource Agency, College of Engineering and county school systems to offer Eagle Engineer Camp to two teachers from each Upper Cumberland County. Professor Ken Hunter designed and organized the program which was taught by Mr. Matthew Boynton. A total of **22** teachers participated, and then led camps for **113** students in their home counties.
- Conducted Governor's School for Emerging Technologies, a five-week residential program for **54** high school students from across the state, in Summer 2009 through collaboration with the College of Engineering, the College of Arts & Sciences and the following partners:
  - ▶ Tennessee Department of Education
  - ▶ Oak Ridge Associated Universities (ORAU), Oak Ridge National Laboratory (ORNL) and BWXT-Y12 in Oak Ridge
  - ▶ Tennessee Valley Authority (TVA) in Chattanooga
  - ▶ Vanderbilt University in Nashville

- Collaborated with the College of Engineering to develop engineering and other STEM-related courses such as “Project Lead the Way” for secondary students in under-represented counties and to explore additional partnering opportunities with community colleges.
- Coordinated 2+2 Elementary Education Program graduation events at community college sites for graduates, community college personnel, K-12 partners and 2+2 faculty and administrators from TTU’s College of Education and EPRD to highlight the success of the program.
- Served on Tennessee P-16 Council and worked with university partners, other higher education partners, K-12 school systems, business/industry and community partners to strengthen relationships in the TTU service area.
- Partnered with Boy Scouts of America and various TTU partners to host Merit Badge University with **483** participants.
- Partnered with University Administration, Department of Curriculum & Instruction in the College of Education, the Office of Research and Graduate Studies and the Millard Oakley STEM Center to serve over **702** educators, throughout the Upper Cumberland and surrounding region with the “Technology for Tomorrow’s Teachers” course, other STEM related courses and the “Classroom Spanish for Teachers” course.
- Exceeded national and state pass rate averages of Emergency Medical Technicians (EMT) students on the National Registry examination, with TTU students earning a **92%** pass rate (highest in the state) as compared to the National Registry average of **66%** and the State of Tennessee average of **72%**.
- Achieved a pass rate of **55%** for paramedic students taking the National Registry exam compared to the State of Tennessee average of **50%**.
- Continued national accreditation for TTU’s Paramedic Program with the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).
- Worked with University Administration and Information Technology Services to continue support for and promotion of the Technology Institute under the direction of Dr. Ken Wiant and staff as a partnership involving the Office of the Provost, Information Technology Services and the School of Interdisciplinary Studies. The focus of the Technology Institute to foster effective and innovative use of technology to support excellence in the educational mission of TTU faculty was achieved through such initiatives as the following:
  - ▶ Provided training, workshops and online resources to encourage faculty to discover the possibilities of using technology to enhance present and future methods of instruction.

- ▶ Completed our participation with STEM in research funded by the National Science Foundation, led by TTU's Oakley STEM Center, to determine factors that contribute to the academic success of college students with learning disabilities in STEM classes. The Technology Institute was a co-principle investigator with the role of planning and implementing Tablet PC technology and instructional recording technology for asynchronous internet access of students.
- ▶ Provided faculty training and support for classroom performance system ("Clickers"), which uses response pads and a receiver to capture instant data from students engaged in classroom surveys, quizzes, exams or active discussion sessions.
- ▶ Called for and received proposals from tenured and tenure-track faculty to incorporate tablet computing in instruction as part of the Tablet Initiative, the objective of which is to embrace new and innovative tablet technology in present and future methods of instruction.
- ▶ Administered and supported Camtasia Relay (Lecture Capture) software for the purpose of streaming course lectures and content. Faculty have demonstrated the need for recording classroom content and Camtasia Relay is an excellent solution for recording free from network dependence. The project has shown success in adoption and has moved beyond the pilot stage to full implementation.
- ▶ Administered Desire2Learn Course Management System (iLearn) for the fourth year of using Desire2Learn (referred to as iLearn) for online learning environment. All course sections can have an online component, and we offered **241** course sections totally online. Master's level programs in Exercise Science, Physical Education and Wellness (EXPW) and Business (MBA) are fully online; the Instructional Leadership Program (INSL) is partially online. The Technology Institute continues to support faculty and students in the use of iLearn as well as administer the program for the entire campus.
- ▶ The Technology Institute partnered with the Math Department to install a Wacom tablet display in a working classroom used by multiple instructors and departments. Due to the positive reception from faculty, this technology is being adopted by other departments and instructors across the campus.
- ▶ The Technology Institute staff presented on lecture capture, the Tablet Initiative and technology partnerships with faculty for experimentation at the Tennessee Higher Education Information Technology Symposium.
- ▶ Designed and implemented a studio-style audio/video recording and editing room intended for the creation of rich multimedia for use in instruction. This room contains everything an instructor might need, both hardware and software, to take raw recordings and process them into more polished, presentable instructional tools.
- ▶ Began transitioning the Technology Institute lab from Apple iMac workstations to mobile tablet PCs and a shift toward a large, wide-aspect plasma display rather than a multimedia projector. This overhaul will ultimately also include new

furniture focused on collaborative, group interaction. These changes will make the lab appropriate for training faculty on the use of collaborative software and the use of tablet technology.

- ▶ Supported other software and initiatives, including:
  - ◆ Website development support and training
  - ◆ ElluminateLive Virtual Classroom – administration, support and training
  - ◆ Ionfolio – campus ePortfolio system – administration, support and training
  - ◆ Nursing survey for exiting seniors – creation and maintenance
  - ◆ Customized departmental technology training
  - ◆ Assistance and training for video editing
- Collaborated with University Administration to establish and implement the University Service Center under the coordination of Dr. Theresa Ennis in the Fall of 2009 and Michelle Huddleston in the Spring of 2010 to provide students with the opportunity to realize academic learning objectives through participation in community service involving reciprocal partnerships. TTU made a commitment to the TN Campus Compact to strategically plan for the incorporation of community service, civic engagement and service learning into higher education through such activities as the following achievements:
  - ▶ Awarded grant for AmeriCorps VISTAS Placement at TTU University Service Center, one VISTA member was assigned to center until May 2010. A grant was written for a summer VISTA associate as well.
  - ▶ Coordinated and held a 911 car wash for service men and women in the community. Invited service men and women to bring EMT vehicles, ambulance, police, military and fire vehicles to be washed by TTU students to honor their service.
  - ▶ Coordinated and conducted a teddy bear drive for foster children at Christmas.
  - ▶ Implemented free Adult Computer Training sessions in White and Macon counties in the fall and spring semesters. The Service Center will be sustaining and expanding these projects over the 2010 summer.
  - ▶ Collaborated with the American Red Cross to provide relief efforts for TTU students who lost their belongings in a flood in Fall 2009.
  - ▶ Encouraged students and student groups to organize and carry out their own projects such as participating in the following drives: shoes for Soles 4 Souls, food and medical supplies for Haiti victims, care package supplies for soldiers and care package supplies for prisoners.
  - ▶ Applied for and received a QEP grant, in collaboration with Susan Henry in student activities, to provide student organizations funds to complete service-learning projects. Five organizations were awarded \$500 to fulfill their proposed projects as presented at the Civic Engagement Fair in April 2010.

- ▶ Named to the President’s Higher Education Community Service Honor Roll by the Corporation for National and Community Service. The Honor Roll signifies recognition from the highest levels of the federal government for Tennessee Tech’s commitment to community service and civic engagement on the TTU campus and in our nation. This recognition resulted in TTU being further honored in a Tennessee State House Resolution.
- ▶ Acquired **13** new Community Based Organizations, in addition to the 69 previous partners, for partnering TTU students to complete community service and service learning projects.
- ▶ Completed **22** various service projects in the community with approximately **350** students, faculty and staff for approximately **2,500** hours of tangible service to the community.

## Access

### *Goal*

- 2.1 Enhance participation in higher education by providing greater access through increased EPRD and IS offerings in response to diverse market needs.

### *Measurable Objective*

- 2.1a Increase enrollment in Interdisciplinary Studies (IS) and Professional Studies (PS) by **10%** by end of cycle.

### *Results*

The 2004-2005 base year objective baseline for enrollment was **149** students, and the target for 2009-2010 was a **10%** increase in undergraduate and graduate Interdisciplinary Studies and Professional Studies enrollment, resulting in a target of **164**. The number of IS, PS and Master of Professional Studies (MPS) majors in Spring 2010 was **239**, exceeding the target of **164**.

### *Highlights*

- Increased the total number of majors in Interdisciplinary Studies and Professional Studies from **218** in Spring 2009 to **239** in Spring 2010.

*Note:* The IS and PS undergraduate majors were established in Fall Semester 2001 in conjunction with the beginning of the Regents Online Degree Program (RODP). As indicated in the following table, substantial growth has occurred.

- Continued to increase the number of Master of Professional Studies (MPS) in Strategic Leadership majors from **24** in Spring 2009 to **31** in Spring 2010.

<b>INTERDISCIPLINARY STUDIES MAJORS BY DEGREE PROGRAM*</b>															
<b>Degree Program</b>	<b>2005-2006</b>			<b>2006-2007</b>			<b>2007-2008</b>			<b>2008-2009</b>			<b>2009-2010</b>		
	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
Interdisciplinary Studies	45	90	104	38	113	103	61	150	152	73	152	158	75	183	163
Professional Studies	29	47	46	29	50	49	29	44	39	19	31	36	17	46	45
Master of Professional Studies					9	11	3	14	18	10	24	24	15	31	31
Semester Total	74	137	150	67	172	163	93	208	209	102	207	218	107	260	239
<b>Annual Total</b>	<b>361</b>			<b>402</b>			<b>510</b>			<b>527</b>			<b>606</b>		
<p><i>*Enrollment of Interdisciplinary Studies and Professional Studies majors by semester</i></p> <p>Tennessee Tech University, Cookeville, Office of Institutional Research. <i>Profile of Undergraduate Students Enrollment by Program and Concentration</i>. Retrieved June 24, 2010, from Office of Institutional Research via email</p> <p>Tennessee Tech University, Cookeville, Office of Institutional Research. <i>Tech Trends: Profile of Students Enrollment by Program and Concentration</i>. Retrieved June 14, 2010, from the Tech Trends Web site:  <a href="http://www.tntech.edu/images/stories/ir/files/enrollment/fall/progconcentration/prfalprog.pdf">http://www.tntech.edu/images/stories/ir/files/enrollment/fall/progconcentration/prfalprog.pdf</a></p> <p>Tennessee Tech University, Cookeville, Office of Institutional Research. <i>Tech Trends: Spring Enrollment by Program of Study</i>. Retrieved June 14, 2010, from the Tech Trends Web site:  <a href="http://www.tntech.edu/images/stories/ir/files/enrollment/spring/program/enrps.pdf">http://www.tntech.edu/images/stories/ir/files/enrollment/spring/program/enrps.pdf</a></p>															

### **Measurable Objective**

- 2.1b Increase the number of graduates in Interdisciplinary Studies and Professional Studies by **10%** by end of cycle.

### **Results**

The 2004-2005 base year objective baseline for IS and PS graduates was **47**, and the 2009-2010 target for IS, PS and MPS graduates was a **10%** increase, resulting in a target of **52**. The number of IS, PS and MPS graduates for Summer Semester 2009 was **14**; Fall Semester 2009 was **35**; and Spring Semester 2010 was **45**; resulting in a total of **94** IS, PS and MPS graduates for the 2009-2010 year, exceeding the target of **52** graduates.

### **Highlights**

- As indicated in the following table, the number of graduates with the Bachelor of Science degree in Interdisciplinary Studies has increased substantially since 2005-2006 through partnerships with campus-wide academic units. As of Spring Semester 2010, the total number of graduates since the inception of the program in 2001 is **496**.

INTERDISCIPLINARY STUDIES GRADUATES BY DEGREE PROGRAM															
Degree Program	2005-2006			2006-2007			2007-2008			2008-2009			2009-2010		
	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
Interdisciplinary Studies	11	18	23	8	15	15	12	19	35	13	30	30	14	32	38
Professional Studies	3	3	3	5	3	8	4	2	5	4	7	6	0	3	2
Master of Professional Studies											1	1	0	0	5
Semester Total	14	21	26	13	18	23	16	21	40	17	38	37	14	35	45
<b>Annual Total</b>	<b>61</b>			<b>54</b>			<b>77</b>			<b>92</b>			<b>94</b>		

**Measurable Objective**

2.1c Increase the number of distance learning offerings by **10%** by end of cycle.

**Results**

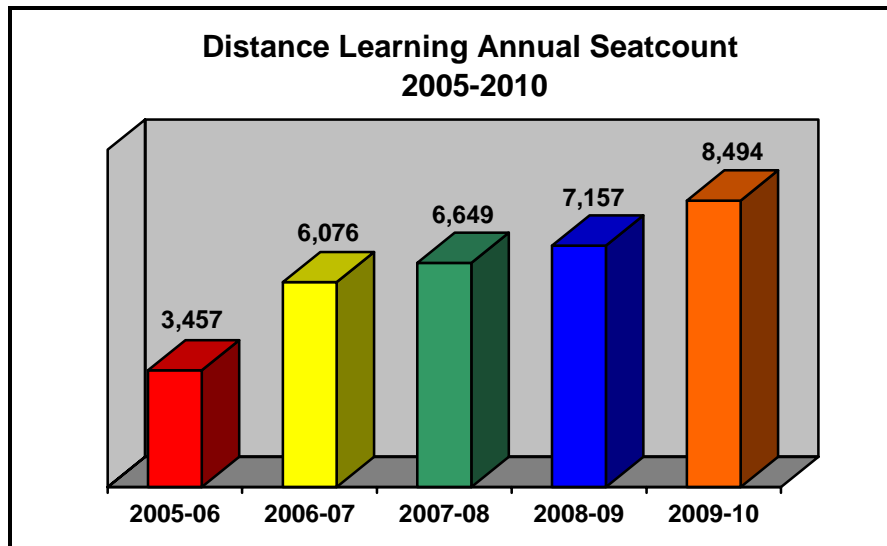
The 2004-2005 base year objective baseline was **454** offerings, and the target for 2009-2010 was **499**, an increase of **10%**. Offerings this year were **733**.

**Highlights**

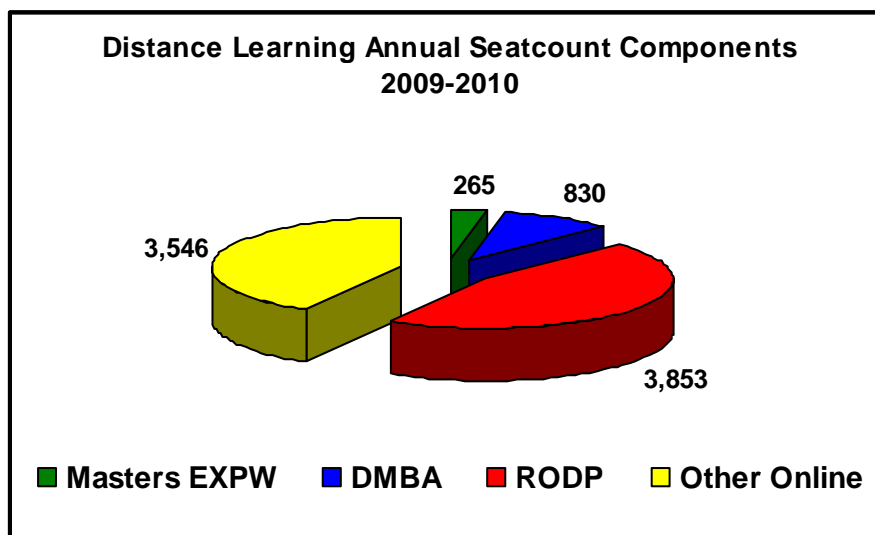
- Increased the annual distance learning seatcount from **7,157** in 2008-2009 to **8,494** in 2009-2010.

DISTANCE LEARNING OFFERINGS AND SEATCOUNT				
Degree Programs/Courses	2008-2009		2009-2010	
	Number of Offerings	Seatcount	Number of Offerings	Seatcount
Master of EXPW	22	276	24	265
DMBA	31	925	34	830
RODP	626	2,981	570	3,853
Other Online Instruction	155	2,975	105	3,546
<b>Total</b>	<b>834</b>	<b>7,157</b>	<b>733</b>	<b>8,494</b>

- Increased the annual distance learning seatcount from **3,457** in 2005-2006 to **8,494** in 2009-2010.



- Increased seatcount in the RODP through campus-wide partnerships with various academic units from **2,981** in 2008-2009 to **3,853** in 2009-2010.



- Included in the Tennessee Tech University RODP are the Bachelor of Science in Interdisciplinary Studies, the Bachelor of Science of Professional Studies, the Master of Professional Studies in Strategic Leadership, the Master of Science in Nursing, the Master of Education in Advanced Studies in Teaching and Learning and numerous teacher endorsement and licensure programs. The RODP student enrollment numbers are made up of not only students in these degree programs, but also students from other departments on campus because of the flexibility in scheduling and greater accessibility these courses provide students.

- Supported the efforts of the Technology Institute to offer services for faculty and students engaged in distance learning. The Technology Institute manages technology resources such as ElluminateLive and iLearn at the administrative level, providing training and support for TTU faculty. ElluminateLive and iLearn are platforms that give distance learners constant access to classroom lectures and activities via the internet.

***Measurable Objective***

2.1d Increase enrollment from under-represented counties.

***Results***

The 2004-2005 base year objective baseline was **zero (0)**. The 2009-2010 target was to increase enrollment from **three (3)** under-represented counties. Enrollment in Fall Semester 2009 increased from the following **three (3)** under-represented counties: Jackson, Overton and Smith.

***Highlights***

- Increased enrollment from Jackson County from **119** in Fall 2008 to **131** in Fall 2009, by adding **6** undergraduate and **6** graduate students.
- Increased enrollment from Overton County from **288** in Fall 2008 to **299** in Fall 2009, by adding **6** undergraduate and **5** graduate students.
- Increased enrollment from Smith County from **202** in Fall 2008 to **217** in Fall 2009, by **8** undergraduate and **7** graduate students.

***Measurable Objective***

2.1e Increase off-campus enrollment (FTE including RODP) for fall or spring semester by **15%** by end of cycle.

***Results***

The 2004-2005 base year objective baseline was **706 FTE** for Fall 2004. The 2009-2010 target was a **15%** increase over the baseline in either fall or spring enrollment, resulting in a target of **812 FTE**. The result for Fall Semester 2009 was **1,268 FTE**, a substantial increase over the target of **812**.

***Highlights***

- Partnered with participating campus units to increase enrollment (FTE) in off-campus degrees/programs and distance education as indicated in the following table.

*Note:* The Other Off-Campus and Other Online Instruction components consist primarily of the following programs/courses: Master and Ed.S. degrees in Instructional Leadership, Reading Specialist courses, Special Events for credit, Interdisciplinary Studies onsite courses and dual enrollment courses.

<b>OFF-CAMPUS AND DISTANCE EDUCATION FULL-TIME-EQUIVALENT ENROLLMENT (FTE) BY FALL SEMESTERS*</b>					
<b>Component</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
2+2 ELED Program	214	278	335	326	287
Other Off-Campus	433	244	278	313	234
Regents Online Degree Program (RODP)	136	170	199	221	299
Distance MBA	57	71	81	94	82
Distance EXPW	15	25	24	31	26
Other Online Instruction	29	222	254	210	340
<b>Total</b>	<b>884</b>	<b>1,010</b>	<b>1,170</b>	<b>1,195</b>	<b>1,268</b>
Target for Goal	735	755	777	798	812

*\* Off-Campus and Distance Education Enrollment (FTE) by Fall Semesters*

Tennessee Tech University, Cookeville, Office of Institutional Research. Tech Trends: Full-Time-Equivalent Enrollment and Student Credit Hours By Instructional Site Type. Retrieved June 14, 2010, from the Tech Trends Web site: <http://www.tntech.edu/images/stories/ir/files/enrollment/fall/instructional/onoffcampus.pdf>

- Worked with University Administration and College of Education to implement and continue 2+2 Elementary Education baccalaureate degree programs with community college partners serving **349** students at the following locations:
  - ▶ Chattanooga State Community College (CSCC) with **38** students
  - ▶ Motlow State Community College (MSCC)
    - ◆ McMinnville campus with **45** students
    - ◆ Tullahoma campus with **62** students
  - ▶ Pellissippi State Community College (PSCC) with **85** students
  - ▶ Roane State Community College (RSCC)
    - ◆ Crossville campus with **26** students
    - ◆ Oak Ridge campus with **49** students
    - ◆ Harriman campus with **26** students
    - ◆ Scott County campus with **18** students
- Partnered with Motlow State Community College (MSCC) to offer the Interdisciplinary Studies Degree in an accelerated format for working adults in McMinnville.

***Measurable Objective***

- 2.1f Increase off-campus enrollment (headcount exclusively in Extended Education, including RODP) for fall or spring semester by **10%** by end of cycle.

### **Results**

The 2004-2005 base year objective baseline was an enrollment (headcount) of **1,501**. The target for 2009-2010 was a **10%** increase over the baseline, resulting in a target of **1,651**. Results for Fall 2009 are not available as aggregate data due to the transition of TTU's student information system from SIS to Banner. However, off-campus enrollment (Extended Education only) in Fall 2007 was over **2,000**, substantially exceeding this year's target. Although this enrollment data ceased to be accessible as of Fall 2008, recruitment of off-campus students continues to be a major focus of this unit and will be reflected in the overall growth of the University.

## Quality

### **Goal**

- 3.1 Increase alumni involvement of TTU students in activities that promote life-long learning, program improvement and the mentoring of current students.

### **Measurable Objective**

- 3.1a Increase alumni involvement in activities related to the mentoring of current students (as reflected by survey results or actual count) by **15%** over baseline by end of cycle.

### **Results**

The 2004-2005 base year objective baseline was **zero (0)**, and the target for 2009-2010 was **five (5)** activities. The target was exceeded with the following **seven (7)** activities.

1. A reception for graduating IS, PS and MPS students is hosted each semester in conjunction with commencement rehearsal to provide an opportunity for networking and program feedback.
2. TTU alumni serve as site coordinators to aid in recruitment and retention efforts.
3. A graduate assistant presented at the Association for Continuing Higher Education South Annual Meeting in collaboration with Vice President Susan Elkins (TTU alumna).
4. TTU alumni assisted with Governor's School for Emerging Technologies in Summer 2009.
5. Practicing professionals, many of whom are TTU alumni, served as presenters at the 2009 President's Academy for Emerging Technologies.
6. TTU alumni served as adjunct faculty in the IS and PS programs.
7. TTU alumni counseled current TTU students at the Majors Fair.

### **Highlights**

- Graduation receptions provided a venue for graduates to informally share their successes, career goals and future education plans.

### **Measurable Objective**

- 3.1b Increase alumni involvement in activities related to program improvements (as reflected by survey results or actual count) by **15%** over baseline by end of cycle.

### ***Results***

The 2004-2005 base year objective baseline was **zero (0)**, and the target for 2009-2010 was **five (5)** activities. The target was exceeded as a result of the following **six (6)** activities.

1. Emergency Medical Services (EMS) employer surveys are distributed to all EMS directors of any service that employs a recent TTU paramedic graduate.
2. Program surveys are solicited from all recent paramedic graduates.
3. EMS Advisory Board members, many of whom are TTU alumni, provide input and recommendations for program improvements.
4. Conference evaluations are collected from special event participants.
5. Teachers who participated in the Eagle Engineer Summer Camp were surveyed to gather feedback for program improvements.
6. Participants of the Adult Computer Training provided by the Service Learning Center in Macon and White counties completed surveys that were used to improve the effectiveness of training sessions.

### ***Highlights***

- As a result of recommendations by the EMS Advisory Board, EMS equipment was upgraded this past year.
- Conference evaluations are used to gather feedback for continuous improvement of annual special events such as the Fall Creek Falls Education Leadership Institute, Safe and Accountable Schools Institute, School Law Seminar, P-16 Mini Workshops in Education and Upper Cumberland Teachers Council Workshops. Improvements have been made to annual special events because of responses from conference evaluations.

### ***Measurable Objective***

- 3.1c Increase the number of continuing education and professional development opportunities for alumni (as reflected by survey results or actual count) by **25%** over baseline by end of cycle.

### ***Results***

The 2004-2005 base year objective baseline was **three (3)** opportunities, and the target for 2009-2010 was a **25%** increase, resulting in **27** opportunities. The number of activities completed was **28**, exceeding the target of **27**. Additional activities will be developed in the future to meet identified continuing education and professional development needs of alumni.

### ***Highlights***

- Conducted continuing education and professional development opportunities such as the following:
  - ▶ Fall Creek Falls Education Leadership Institute
  - ▶ Upper Cumberland Safe and Accountable Schools Institute
  - ▶ P-16 Mini Workshops in Education
  - ▶ Technology for Teachers

- ▶ Classroom Spanish for Teachers
- ▶ School Law Seminar
- ▶ Positive Behavior Support Conference
- ▶ Personal Finance Literacy Training
- ▶ Upper Cumberland PE and Lifetime Wellness Conference
- ▶ What Great Principals Do Differently
- ▶ Building Data Capacity in Targeted Schools of the Upper Cumberland
- ▶ Eagle Engineer Summer Camp
- ▶ EllumunateLive Virtual Classroom Training
- ▶ Off-campus Adjunct Faculty Orientation
- ▶ Paramedic Courses
- ▶ Tablet Initiative Workshops/Seminars
- ▶ iLearn Workshops
- ▶ Website Development and Management Training
- ▶ TVA Workshops
- ▶ Mind2Marketplace Meeting
- ▶ Upper Cumberland Teachers Council

**Goal**

- 3.3 Develop and implement a Quality Enhancement Plan (QEP) that is focused on improving critical thinking/real world problem-solving skills through the use of active learning strategies of IS students.

**Results**

The 2004-2005 base year objective baseline was **no existing QEP**, and the target for 2009-2010 was to **achieve QEP year 3 goals**. The 2009-2010 **target was met with the completion of year 3 goals**.

**Highlights**

- Added a course in problem solving (PSY 3000) to the off-campus accelerated program of study for working adults, applying real-world problem solving with non-traditional students.
- Expanded the committee that grants experiential credit to five members, including an assistant professor with a Ph.D. in adult learning.
- Worked with student athletes majoring in Interdisciplinary Studies to assist them with academic success.
- Implemented consistent administration of IDEA evaluations in UNIV 4995/4996, Culminating Special Project, that allows students to use critical thinking and real-world problem solving skills gained through other courses in the Professional Studies and Interdisciplinary Studies programs.
- Added an assistant professor in Interdisciplinary Studies to oversee UNIV 4995/4996 sections and provide advising.

- Created a unified syllabus in UNIV 4995/4996 to ensure consistency in course objectives and requirements.
- Began development of a student survey to assess student progress on desired learning outcomes in the UNIV 4995/4996 course.

## Resourcefulness

### *Goal*

- 4.1 Stimulate activities that increase external funding and efficiency/cost saving in EPRD and IS.

### *Measurable Objective*

- 4.1a Increase fundraising for scholarships in the School of Interdisciplinary Studies “Aspiring Adult Scholars” program to **\$1,250** by end of cycle.

### *Results*

The 2004-2005 base year objective baseline was **zero (0)**, and the target for 2009-2010 was **\$1,250**. The results for 2009-2010 include seven (7) endowments for the “Aspiring Adult Scholars” program, with a total value of approximately **\$136,000** as listed below.

### *Highlights*

- Anderson-Elkins Scholarship Endowment
- Aspiring Adult Scholars Award Endowment
- Doyle Gaines Scholarship Endowment
- Jessie Reed Cooper Scholarship Endowment
- Paul R. Isbell Scholarship Endowment
- Pepsi Bottling Group Scholarship Endowment
- Terry Rector Scholarship Endowment

### *Measurable Objective*

- 4.1c Increase the number of entrepreneurial activities and/or activities that provide innovative solutions for reducing costs and improving efficiency by **25%** over baseline by end of cycle.

### *Results*

The 2004-2005 base year objective baseline was **one (1)**, and the target for 2009-2010 was **12** entrepreneurial activities, quality initiatives and/or innovative solutions for reducing costs and improving efficiency. Consequently, the target of **12** activities was exceeded with the completion of **18** activities.

### ***Highlights***

- Collaborated with internal and external partners to conduct the President's Academy for Emerging Technologies in July 2009 with funding secured through the Upper Cumberland Human Resource Agency, serving **36** students.
- Conducted the Governor's School for Emerging Technologies on TTU's campus in Summer 2009 with the help of several internal and external partners, serving **54** high school students from across the state. Professor Ken Hunter, College of Engineering, and Vice President Susan Elkins, EPRD, led the state-funded initiative.
- Received funding through a national grant-based program called "Project Lead the Way" to pilot a project targeting rural schools where resources are limited. Extended Programs, the College of Engineering and the Jackson and Clay County school systems partnered to offer **14** Jackson County High School students and **17** Clay County High School students a Principles of Engineering course. Civil engineering Assistant Professor Faisal Hossain developed presentations and hands-on experiments for the class which was taught by Mr. Matt Boynton, a TTU graduate student.
- Implemented online registration and fee payment for special events.
- Participated in a methamphetamine awareness grant from the Federal Department of Justice awarded to TTU in 2008 in the amount of \$420,000. Approximately 100 first responders were trained in 2009 utilizing this grant. The purpose of the grant is to train law enforcement, fire department, rescue squad personnel, or interested citizens to become state certified first responders. The training focused on the recognition of and the appropriate response to an emergency at clandestine methamphetamine labs.
- Secured funding through Upper Cumberland Human Resource Agency to offer Eagle Engineer Summer Camp for teachers from Upper Cumberland counties.
- Increased participation in free webinars as a cost-saving alternative for professional development.
- Received two Summer VISTA Associates to coordinate two different service projects over the 2010 summer. One will design materials for continued adult computer training in the three regions served by TTU EPRD. The other will build and sustain a community-based website (Get Help/Give Help) for all non-profit organizations to recruit volunteers and for those needing help to find community resources to get it.
- Reduced travel expense by increasing the use of conference calls and electronic communication for meetings.
- Partnered with Vice President Mark Hutchins, University Advancement, to secure funding of **fifteen (15)** Dottie West Scholarships in the amount of \$500 each awarded to students enrolled in the 2+2 Elementary Education Program at the Motlow McMinnville site.

- Reduced the number of non-credit catalog publications from **three (3)** times a year to **two (2)** times a year. Beginning in Fall 2009, the non-credit catalog was published in July for the fall and a combined spring/summer issue was published in November.
- Increased the efficiency of advisement for Interdisciplinary Studies students through the establishment of an office for the School of Interdisciplinary Studies and the Regents Online Degree Program. The offices of the dean, administrative staff and advisors are now located in the Jere Whitson Building.
- Secured funding from individual school systems in Fall 2009 and Spring 2010 for Principles of Engineering course offered through the Project Lead the Way curriculum to students in Clay and Jackson counties.
- Improved the efficiency of proctoring online exams for the Regents Online Degree Program by offering one location for students to take exams. A computer lab with thirty computers is located on the university campus and is available for students during the established dates of exams.
- Consolidated UNIV 4995/4996 course under a full-time professor. This course was previously contracted out to numerous instructors.
- Collaborated with campus units to establish consistent procedures to serve adult transfer students more efficiently.

## **CONCLUSION**

Extended Programs & Regional Development and the School of Interdisciplinary Studies are pleased to report the progress presented above for this fifth and final year of the 2005-2010 Strategic Plan. The accomplishments are the results of the dedicated service of many internal and external partners. For those efforts, we are most grateful. We look forward to continuing to work together as we all strive to achieve new goals in the coming years, with the ultimate result of the “life-long success of our students.”

**Tennessee Technological University**  
**Extended Programs & Regional Development**  
**and School of Interdisciplinary Studies**  
**CAMPUS COMMITTEE 2009-2010**

Dr. Susan Elkins, Vice President, Extended Programs and Regional Development  
Dean, School of Interdisciplinary Studies

**EXTENDED PROGRAMS & REGIONAL DEVELOPMENT**  
**AND SCHOOL OF INTERDISCIPLINARY STUDIES**

Ms. Mary Bennett, Technical Clerk  
Ms. Carol Boles, Program Assistant – Non-Credit Programs  
Dr. Tammy Boles, Coordinator / Advisor – Interdisciplinary Studies  
Ms. Clata Burden, Program Assistant – Non-Credit Programs (through June 2009)  
Ms. Melinda Bybee, Program Assistant – Credit Programs  
Ms. Anabelle Frink, Program Assistant – Special Events  
Ms. Carolyn Fox, Coordinator – Special Events / Service  
Dr. John Harris, Advisor – Interdisciplinary Studies  
Ms. Joan Maxwell, Financial Analyst (through June 2009)  
Ms. Jeannie Mullinax, Program Assistant – Regents Online Degree Program (RODP)/Distance Learning  
Mr. Dennis Parker, Coordinator – Emergency Medical Service (EMS)  
Ms. Noel Poston, Associate Director – Western Region (through October 2009)  
Ms. Janie Robbins, Associate Director – Southern Region  
Ms. Jane Sipes, Coordinator – Regents Online Degree Program (RODP)/Distance Learning  
Ms. Debbie Thurman, Associate Director – Eastern Region  
Mr. Michael Wiggins, Financial Analyst (April 2009 - present)

**TECHNOLOGY INSTITUTE**

Dr. Ken Wiant, Technology Institute Director  
Ms. Lauren Neal, Instructional Technology Specialist  
Ms. Stacey Plant, Instructional Media Specialist  
Mr. Hunter Kaller, Instructional Media Specialist

**UNIVERSITY SERVICE CENTER**

Dr. Theresa Ennis, Service Center Coordinator (Summer & Fall 2009)  
Ms. Michelle Huddleston, Service Center Coordinator (Fall 2009 & Spring 2010)  
Ms. Amy Green, Service Learning Coordinator (Summer & Fall 2009)

**Tennessee Technological University**  
**Extended Programs & Regional Development  
and School of Interdisciplinary Studies**  
**CAMPUS COMMITTEE 2009-2010**

The Extended Programs & Regional Development and Interdisciplinary Studies Committee provides advice concerning any outreach services as requested by the dean of the school, by the chief academic officer, or by the president of Tennessee Technological University.

Membership: The Extended Programs & Regional Development and Interdisciplinary Studies Committee includes representatives of the following areas of campus life, and members are appointed by the University President:

- Faculty [minimum of seven (7) members]
- Administration [minimum of seven (7) members]
- Students [minimum of two (2) members]

Dr. Larry Peach (Chairperson), College of Education

Dr. Susan Elkins, Extended Programs & Regional Development, Interdisciplinary Studies

Dr. Ismail Fidan, Manufacturing & Industrial Technology

Mr. Vic Gernt, Business Office

Ms. Lelia Gibson, College of Business, External Relations

Dr. Sheila Green, Nursing

Mr. David Hajdik, Library

Ms. Judy Hull, Purchasing

Dr. Marketta Laurila, Foreign Languages

Ms. Karen Lykins, Communications & Marketing

Dr. Ramachandran Natarajan, Decision Sciences & Management

Mr. Mark Ochsenbein, Student Activities

Dr. Jeff Plant, Human Ecology

Mr. Tiff Rector, University Development

Ms. Kathy Reynolds, Student

Dr. Matt Smith, Curriculum & Development

Dr. Barry Stein, Counseling & Psychology

Dr. Mark Stephens, Academic Affairs

Mr. Kevin Thompson, Student

Dr. Dale Wilson, Mechanical Engineering

**Tennessee Technological University**  
**Extended Programs & Regional Development**  
**and School of Interdisciplinary Studies**  
**ADVISORY BOARD 2009-2010**

The Advisory Board works integrally with the Schools administration to review and make recommendations on policies and procedures. Advisory Board members work on five (5) standing committees, consisting of Technology, New Programs, Marketing, Quality and Foundation/Scholarships.

Dr. Charles W. Cagle, (Chairperson) Lewis, King, Krieg, & Waldrop

Ms. Wendy Askins, Upper Cumberland Development District

Mr. Joe Barlow, Upper Cumberland Directors' Study Council/Jackson County Schools

Ms. Karen Brown, Economic & Community Development

Mr. Mayfield Brown, The Elgin Foundation

Dr. Misty Cecil, Roane State Community College

Mr. Scott Edwards, Micro Metals, Inc.

Mr. Doyle Gaines, Retired, Macon County Executive

Ms. Joyce Hayes, Upper Cumberland Field Service Office

Mr. Drue Huffines, Retired, Owner of Country Giant

Mr. Atul Joshi, Nestle Waters North America

Capt. Larry Judge, Science Applications of International Corp.

Mr. Levoy Knowles, Ben Lomand Telephone Co-op, Inc.

Mr. Jim Larkins, Institutional Effectiveness, Community College of the Air Force

Mr. Jim Martin, Putnam 1<sup>st</sup> Mercantile Bank

Mr. Ralph Robbins, Tennessee Technology Center at Livingston

Dr. Sullivan Smith, Cookeville Regional Medical Center

Mr. Wes Thompson, Eaton Corporation

Ms. Johnnie Wheeler, Upper Cumberland Career Center

Mr. David Wooten, Info. Technology Resources, Tennessee Dept of Finance & Administration

Dr. Donna Wright, Knox County Schools

