

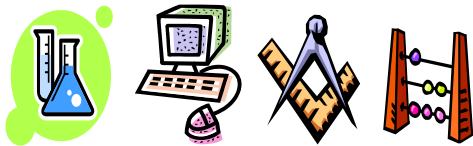
Important Facts

*Participant packets (including personal data form and teacher reference forms) should be submitted to the school guidance office no later than Friday, April 11, 2008.

* Students will be notified by April 18 of acceptance.

* The Academy is funded by the Upper Cumberland Human Resource Agency (UCHRA) & TN Department of Labor, and there are **no participant fees**.

* There will be adult supervision at all times throughout the entire program. Participants will be housed in a University residence hall, with men and women residing on separate floors.



Contact Information

Check out our website:
www.tnitech.edu/isee/presidents_academy.html

For additional information, please contact:

Putnam County WIA Case Manager
Bonnie Clinton-931.520.8733
bonniejaneclinton@yahoo.com

Putnam County Career Training
Instructor
Linda Smith-931.528.0207
queenbeelinda@hotmail.com

Putnam County Upper Cumberland
Human Resource Agency
Faye Iverlett- 931.528.1127
fayeiverlett@yahoo.com
Or
Danielle Cason-931.520.8733
wdcason86@yahoo.com

This project is funded under an agreement with the State of TN Department of Labor and Workforce Development



President's Academy for Emerging Technologies



A challenging summer enrichment program for students currently in 9th or 10th grade

Overview

The UCHRA 2008 Tennessee Tech President's Academy for Emerging Technologies is a challenging, six-day program for students currently in grade 9 (rising 10th graders) or grade 10 (rising 11th graders). It is designed to stimulate & build interest in engineering, technology, science, and mathematics.



Program content is focused on the emerging technologies, including: biotechnology, nanotechnology, digital manufacturing, and information technology.

Program Activities

Program activities consist of:

- Hands on laboratory activities
- Discussions
- Research assignments
- Lectures
- Special field trips to Academy partners

Recreation

A variety of recreational activities will be scheduled during the late afternoon and night hours. Some TTV athletic facilities will also be available during the Academy. Special activities may include an afternoon trip to Cane Creek Park, and on-campus movie, or pool party.

Schedule/Attendance

The President's Academy is an intensive program that includes a full schedule of activities for all 6 days. Absences from scheduled activities will not be permitted except for emergencies or religious activities, with permission from the director.



Participants should plan to arrive for check-in on Sunday afternoon, June 15, between 2:00 p.m. & 3:30 p.m. A brief group meeting with participants and their parents will be held at 3:45 p.m. Parents may join the participants for a brief closing program on Friday, June 20, at 4:30 p.m. All participants must be picked up by 5:30 p.m. on Friday, June 20.

**A Challenging Summer Enrichment Program for Students Currently in 9th Grade
Tennessee Tech University Campus, June 15 - 20, 2008**

Sponsored by Upper Cumberland Human Resource Agency (UCHRA)

**for students from
Cannon, Clay, Dekalb, Fentress, Jackson, Macon, Overton, Pickett,
Putnam, Smith, White, and Van Buren Counties, and the Alvin C. York Institute**

Please submit application packets to your School Guidance Office no later than April 11, 2008

Overview

The UCHRA 2008 Tennessee Tech President's Academy for Emerging Technologies is a challenging, six-day program for students currently in grade 9 (rising 10th graders) or grade 10 (rising 11th graders). It is designed to stimulate and build interest in engineering, technology, science, and mathematics. Program content is focused on the emerging technologies, including: biotechnology, nanotechnology, digital manufacturing, and information technology.

The academy capitalizes on the unique array of high technology research and development organizations located across the State of Tennessee to provide students with an opportunity to learn from leading researchers and experience cutting-edge research facilities. In addition to Tennessee Tech University, previous Academy partners have included:

- Oak Ridge National Laboratory and Oak Ridge Associated Universities
- Vanderbilt Institute for Nanoscale Science and Engineering (VINSE) at Vanderbilt University
- Arnold Engineering and Development Center
- University of Tennessee Space Institute

Program activities consist of hands-on laboratory activities, discussions, research assignments, lectures, and special field trips to the Academy partners. Previous activities have included:

- On-campus classes and activities in engineering design, nanotechnology, materials science, advanced manufacturing, fuel cell technology, and technical communications;
- Presentations by leading nanotechnology researchers at Vanderbilt University and a tour of the Vanderbilt Institute for Nanoscale Science and Engineering (VINSE);
- Presentations by leading researchers at Oak Ridge National Laboratory and a tour of several research facilities;
- Presentations by leading researchers and tours at Arnold Engineering and Development Center and the University of Tennessee Space Institute in Tullahoma;

The 2008 program will include a selection of the above activities, with possible new additions. Please be aware that security restrictions may limit activities at some U.S. Government facilities to U.S. citizens only. Alternate activities will be available for participants who are not U.S. citizens.

Recreation

A variety of recreational activities will be scheduled during the late afternoon and night hours. Some TTU athletic facilities will also be available during the Academy. Special activities may include an afternoon trip to Cane Creek Park, an on-campus movie, or pool party.

Housing

Participants will be housed in a University residence hall, with men and women residing on separate floors. Two participants will be assigned to each room with supervision from residential counselors who will reside on each floor. In-dorm and in-room curfews will be enforced. Participants will eat in the University Cafeteria, where a variety of foods are served at each meal.

Schedule / Attendance Information

The President's Academy is an intensive program that includes a full schedule of activities for all six days. Absences from scheduled activities will not be permitted except for emergencies or religious activities, with permission from the director. Students should come prepared to stay, learn, and have fun!

Participants should plan to arrive for check-in on Sunday afternoon, June 15, between 2:00 p.m. and 3:30 p.m. (CST). A brief group meeting with participants and their parents will be held at 3:45 p.m. Parents may join the participants for a brief closing program on Friday, June 20, at 4:30 p.m. All participants must be picked up by 5:30 p.m. on Friday, June 20.

Program Fee

The Academy is funded by the Upper Cumberland Human Resources Agency (UCHRA) and Tennessee Department of Labor and there are no participant fees.

Eligibility, Application Instructions, and Selection Guidelines

The 2008 UCHRA session of the President's Academy is for students currently enrolled in 9th or 10th grade from Cannon, Clay, Dekalb, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, White, and Van Buren Counties, and the Alvin C. York Institute.

Participants will be selected by their respective school systems. Participant application packets must include the following items:

- A completed Personal Data Form with all required signatures. Please type or print neatly.
- A current copy of the applicant's high school transcript, including all available ACT and SAT scores.
- Two Teacher Reference Forms, one from a math teacher and one from a science teacher

Participant packets should be submitted directly to your school guidance office. Packets are due no later than Friday, April 11, 2008. Selection of participants will be made by UCHRA, TTU, and local school representatives and students will be notified of selection by mid-April.

Information

Academy Website: http://www.tntech.edu/isee/presidents_academy.html.

For additional information, please contact:

Upper Cumberland Human Resource Agency Representatives
Linda Schuitten or Faye Iverlett- 931-528-1127
Danielle Cason- 931-520-8733



President's Academy for Emerging Technologies Personal Data Form

(Please type or print. Deadline: April 11, 2008)

Name: _____

U. S. Citizen: Yes No

Parent/Guardian Name(s): _____

Street Address: _____

City, State, Zip: _____

County: _____

Home Phone: _____ Cellular Phone(s): _____

E-mail Address: _____

Student's School: _____

School Address: _____

Student's Current School Grade: 9 10

Gender: Female Male Student's Date of Birth: _____ Age: _____

Race / Ethnic Background: African-American, not Hispanic Hispanic
 Alaskan Native White, not Hispanic
 American Indian Other _____
 Asian-American / Pacific Islander I prefer not to respond.

Shirt Size: Adult Small Adult Medium Adult Large Adult X-Large

Student's Signature: _____ Date: _____

Parent's Signature: _____ Date: _____

Please submit the following materials:

- A completed Personal Data Form with all required signatures. Please type or print neatly.
- A current copy of the applicant's high school transcript, including all available ACT and SAT scores.
- Two Teacher Reference Forms, one from a math teacher and one from a science teacher

Participant packets should be submitted directly to your school guidance office. Packets are due no later than **Friday, April 11, 2008.**

Please print the name of the math and science teachers who will be filling out your Teacher Reference Form:

Science Teacher

Math Teacher

President's Academy for Emerging Technologies Teacher Reference Form

Applicant's Full Name: _____

INSTRUCTIONS TO THE TEACHER: The above referenced student is applying to attend the President's Academy for Emerging Technologies, an intensive six day residency program for mature, gifted, and talented students on the campus of Tennessee Technological University in Cookeville, Tennessee. This reference form is a critically important part of the student's application and will have a significant role in the selection process. Therefore, it is extremely important that you provide a candid and complete assessment. Unless directed to do so by lawful authority, the contents of this form will not be disclosed to the applicant or his/her parents/guardians. The President's Academy officials greatly appreciate your help in this selection process.

1. How long and in what capacity have you known and/or worked with this student? _____

2. Please evaluate this applicant in the areas below comparing him/her with similar outstanding students you have had in the past:

<p>Attitude Toward Learning</p> <p><input type="checkbox"/> Outstanding</p> <p><input type="checkbox"/> Above average</p> <p><input type="checkbox"/> Average</p> <p><input type="checkbox"/> Can be indifferent</p>	<p>Ability to Learn</p> <p><input type="checkbox"/> Learns very quickly</p> <p><input type="checkbox"/> Learns readily</p> <p><input type="checkbox"/> Average</p> <p><input type="checkbox"/> Must work hard to learn</p>	<p>Quality of Work</p> <p><input type="checkbox"/> Excellent</p> <p><input type="checkbox"/> Very good</p> <p><input type="checkbox"/> Average</p> <p><input type="checkbox"/> Below average</p>	<p>Quantity of Work</p> <p><input type="checkbox"/> Unusually high output</p> <p><input type="checkbox"/> Above average</p> <p><input type="checkbox"/> Average output</p> <p><input type="checkbox"/> Not a great producer</p>
<p>Initiative</p> <p><input type="checkbox"/> Self-directed/motivated</p> <p><input type="checkbox"/> Usually independent</p> <p><input type="checkbox"/> Completes assignments</p> <p><input type="checkbox"/> Needs some prodding</p>	<p>Dependability</p> <p><input type="checkbox"/> Always dependable</p> <p><input type="checkbox"/> Above average</p> <p><input type="checkbox"/> Average</p> <p><input type="checkbox"/> Occasionally unreliable</p>	<p>Maturity</p> <p><input type="checkbox"/> Extremely mature</p> <p><input type="checkbox"/> Above average</p> <p><input type="checkbox"/> Average teenager</p> <p><input type="checkbox"/> Somewhat immature</p>	<p>Relations with Others</p> <p><input type="checkbox"/> Exceptionally good</p> <p><input type="checkbox"/> Generally very good</p> <p><input type="checkbox"/> Average</p> <p><input type="checkbox"/> Occasional conflicts</p>

3. What is your best judgment about this applicant's emotional maturity and ability to deal with a two-week intensive residency program in which he/she will meet new people, face new situations, and encounter new challenges?

Will adapt readily to the changes and challenges and will be a successful participant

Should be able to adapt to the changes and challenges with a minimum of adjustment

Should succeed but will have some difficulty dealing with the stress

May have some difficulty dealing with the stress and may not be successful

4. This applicant's most outstanding attributes are: _____

5. The attributes this applicant needs most to improve are: _____

6. Please indicate your overall recommendation for this applicant:

Very highly recommended. An outstanding student who will excel.

Highly recommended. A very good student who will be successful.

Recommend. A good student who will participate effectively.

Recommend with reservations. A good student who may present some problems.

I do not recommend this student.

7. **SUMMARY COMMENTS:** We must select a relatively small number of students from a large pool of exceptional applicants. Can you tell us something about this student that is not reflected in any of the above ratings that will help us make a decision? What makes this applicant truly exceptional? Summary comments are extremely important to the selection committee.

Name (printed or typed): _____
Position/Title: _____
School: _____

Signature: _____
Date: _____

Please submit this form the school guidance office. All application materials must be submitted by April 11, 2008.

President's Academy for Emerging Technologies Liability and Photo Release

1. I/We acknowledge the educational, recreational, and/or personal benefits accruing to my/our minor child (Child's Full Name) _____, (Birth date) _____, by reason of his/her participation in the President's Academy for Emerging Technologies sponsored by the Office of Extended Programs and Regional Development at Tennessee Technological University in Cookeville, Tennessee, during the period of June 17-20, 2007.
2. I/We do hereby, in consideration of such benefits and other good and valuable consideration, release absolutely, forever discharge, and covenant not to sue the State of Tennessee, the Tennessee Board of Regents, Tennessee Technological University, and the officers, employees, and agents of these entities from and concerning all liability, losses, claims, demands, actions, debts, and expenses of every name and nature for personal or bodily injury (including any resulting death) or other damages which my/our said minor child may sustain from whatever cause during, arising out of, or as a result of such participation or any activity connected therewith, including without limitation the use of any vehicle, or other conveyance, or means, of transportation. It is my intention to include the negligence of the foregoing parties or any of them within the scope of this release/indemnity agreement and to except, by express limitation here stated, only wanton or willful misconduct by the same.
3. I/We do further consent to our minor child's participation in the above described activity and hereby expressly, knowingly, and voluntarily assume for my/our said minor child all risk of personal or bodily injury to him/her from hazards normally incident to, ordinarily associated with, or reasonably foreseeable from such participation.
4. I/We do further agree to indemnify the foregoing parties against any liability or loss sustained by any of them arising out of my/our, minor child's said participation.
5. I/We do further give our consent and permission for, and waive and/or assign any and all rights to, any photographs or videotapes taken by Tennessee Technological University in Cookeville of my/our minor child participating in and about the above described activity. As exclusive owner of such photographs and/or videotapes and all proprietary and copyright interests therein, Tennessee Technological University shall have the sole and exclusive right to control and determine the use, display, performance, reproduction, and dissemination of any such photographs and/or videotapes, including copies.
6. I/We do further agree that in the event my/our minor child does not observe the Academy rules or does not follow instructions for the general welfare and safety of all given by the Tennessee Technological University faculty or staff, my/our minor child will be prohibited from completing the Academy.

Signature(s) of Parent(s) or Legal Guardian(s):

Date

Medical Release

(Please type or print.)

Name: _____

SSN: _____ Date of Birth: _____ Gender: Female Male

Parent/Guardian Name(s): _____

Complete Home Address: _____

Home Phone: (____) _____ Work Phone(s): (____) _____ Cellular Phone(s): (____) _____

Other Emergency Contact Name and Phone Number: _____

Family Doctor: _____ Phone: (____) _____

Please provide information regarding existing medical problems, special health conditions, allergies to medications, foods, insects, etc.

Please list medications currently being taken: _____

Insurance Company: _____ Policy Number: _____

Attach a copy of the front and back of your insurance card below:

(Front of Insurance Card)

(Back of Insurance Card)

Statement: This is to certify that the Cookeville Regional Medical Center and/or other authorized medical personnel have my permission to administer medical treatment to _____ (name of student). I also authorize the Academy administrative staff, if necessary, to give non-prescription medicine (Tylenol, etc.)

Parent's Signature: _____ Date: _____

Student's Signature: _____ Date: _____