

PARTNERING FOR BROADER IMPACTS



RESOURCES FOR UT INVESTIGATORS



ENGAGEMENT & OUTREACH

Partnering for Broader Impacts

Community Engagement describes the collaboration between higher education institutions and their larger communities (local, regional/ state, national, global) for the mutually beneficial exchange of knowledge and resources in a context of partnership and reciprocity.

– Carnegie Foundation for the Advancement of Teaching



UT's 11 colleges work closely together in the same city and often with the same communities. Now recognized as a community-engaged institution by the Carnegie Foundation, we are one of only 54 universities to be designated by the Carnegie as "Community Engaged" with "Very High Research Activity." Research shows an association between community engagement and higher retention rates (faculty and students), increased public appropriations, increased capacity in a university's research and teaching functions, and increased campus diversity in many dimensions (Weerts & Sandmann, 2008).

Program officers, research administrators and community engagement professionals generally agree that institutions can't provide "clearinghouse" Broader Impact (BI) programs on behalf of investigators. Instead, BI activity must be developed as an integral part of individual grant proposals, with funded proposals, in turn, expected to support their own BI plans.

However, there remains a need to balance originality with existing support. Investigators should leverage and pool resources, taking advantage wherever possible of existing relationships and infrastructure. The purpose of this document, therefore, is to connect UT's world-class researchers with their colleagues who (A) already have programmatic infrastructure for external partnerships in place, and (B) have opted in to being contacted by other UT researchers who may add new value to their work.

To submit your program for a future edition of this booklet, please send information to engagement@utk.edu.

ELIZABETH BURMAN

Director, Office of Community Engagement & Outreach

How to Use This Resource

Please do not write any partner(s) into a grant proposal without talking to them first.

If you have any questions about or interest in any of the programs listed here, please contact them directly.

All of the programs listed in this booklet are currently engaged with external (non-university) partners, with the exception of UT Undergraduate Research and UT First Year Programs. These two programs are included because they also offer excellent potential for broader impact support.

Additional broader impact resources may be found online at
engagement.utk.edu/broader-impact-resources/

The Office of Research and Engagement provides a number of proposal development workshops as well as individualized support. For more information, contact:

Louise Nuttle, Director Faculty Development Team lnuttle@utk.edu

Janet Nelson, Associate Vice Chancellor for Research Development janet.nelson@utk.edu

Thanks to Katy Baker and Bill Stanley for assistance in preparing this document.



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Academic Health Department

About:

The Academic Health Department brings public health academics and public health professionals together to improve public health. The AHD focuses on three major areas: 1) Practice-Based Research, 2) Student Education & Practice-Informed Teaching, and 3) Workforce Development.

URL:

<http://publichealth.utk.edu/AHD/achealthdept.html>

Contact:

Julie Grubaugh, Preceptorship Coordinator, jgrubaugh@utk.edu

Partnering Needs & Opportunities:

Knox County Health Department has opportunities for interdisciplinary community-based class projects, research, and internships. Disciplines could include business, communications, journalism, marketing, human resources, and many more. Prospective partners are asked to contact Julie Grubaugh by email: jgrubaugh@utk.edu

Last Update by Contact:

November 2015



Archaeological Research Laboratory (ARL)

About:

The Archaeological Research Laboratory acts as a consulting, cultural resource assessment, and research unit dedicated to the conduct of high quality and timely work for government agencies and private entities, while providing hands-on learning experiences and opportunities for students, educators, and the interested public.

URL:

<http://archaeology.as.utk.edu/>

Contact:

Michael Angst, Interim Director, mangst@utk.edu, (865) 946-1882

Last Update by Contact:

November 2015



Big Orange STEM Symposium (BOSS)

About:

During a one day mini-conference every spring, students will have the opportunity to:

- **Meet** researchers working in STEM fields;
- **Learn** about strategies and techniques for performing undergraduate research through exposure to the scientific process, resources, and technologies in breakout sessions; and
- **Participate** in the STEM Fair, where they can learn about STEM organizations in our region and unique opportunities at UT, such as the VolSTeach program, which allows students to earn a bachelor's degree in a math or science field concurrently with a teaching certificate.

URL:

<http://www.lib.utk.edu/outreach/soil/b-o-s-s/>

Contact:

Prospective partners should contact Thura Mack by email at: tmack@utk.edu

Partnering Needs & Opportunities:

BOSS has opportunities for UT Partners to volunteer information and resources from their STEM and research activities as exhibitors in the STEM Fair. Exhibits regarding professor/academic expectations are also very welcome.

Last Update by Contact:

November 2015



Business Education for Talented Students (BETS) Program

About:

This ten-day residential program is designed to introduce high school students from diverse backgrounds to the various business majors offered at the University of Tennessee. The program is intended to help students explore the dynamic world of business and business careers. Students will have an opportunity to interact with professionals from business and government, as well as participate in the preparation and presentation of a challenging team project.

URL:

<http://diversity.bus.utk.edu/>

Contact:

Janice Branch, Coordinator for Diversity Initiatives, jbranch2@utk.edu, (865) 974-8835

Partnering Needs & Opportunities:

The BETS Program is interested in partnering with other departments when there are opportunities to do so. Faculty or staff interested in partnering should contact Janice Branch by email: jbranch2@utk.edu or by phone: (865) 974-8835.

Last Update by Contact:

November 2015



Center for Sport, Peace & Society

About:

The mission at the Center is to use sport to change lives, communities, and the world through teaching, research, and service. It seeks to train a new generation of change-makers who are using the intersections of sport, education, and media to tackle some of the world's most complex issues particularly peacebuilding and empowerment in areas of conflict.

URL:

<http://sportandpeace.utk.edu/>

Contact:

Sarah Hillyer, Director, csps@utk.edu

Partnering Needs & Opportunities:

The Center is interested in additional UT partners in the areas of business, entrepreneurship, public relations, social innovation, graphic design, art, non-profit management, event management, photography, videography, music, program evaluation, technology, and pedagogy. Prospective partners should contact Sarah Hillyer by email: csps@utk.edu.

Last Update by Contact:

November 2015



Center for Transportation Research (CTR)

About:

The Center for Transportation Research was created to foster and facilitate interdisciplinary research, public service, and outreach in the field of transportation. The center has three goals. The first is to conduct a program of research in transportation that is recognized for its excellence, comprehensiveness, innovation, productivity, and national leadership. The second is to develop and sustain the technical expertise for high quality transportation research by the faculty and students within the various departments and colleges of UT. CTR's third goal is to serve the transportation research, service, and training needs of state and local government, business, and industry in Tennessee, the Southeast region, and the nation.

URL:

<http://ctr.utk.edu/>

Contact:

Dr. David Clarke, Director, or
Lissa Gay, Communications Director, (865) 974-5255

Partnering Needs & Opportunities:

In 2014, CTR established the CTR Fellows Program. The program aims to establish research connections between CTR researchers and faculty across all UT's disciplines. The center's director looks to the faculty fellows for advice on future directions for the center. The intent is for the fellows to interact with center staff and other affiliated faculty to further their research interests and collaborations. Faculty interested in the technical, social, economic, and service aspects of transportation should contact Dr. David Clarke or Lissa Gay by phone: (865) 974-5255

Last Update by Contact:

November 2015



College of Engineering ODP Pre-College Programs

About:

The College of Engineering's Office of Diversity Programs offers a wide variety of summer pre-college programs for grade school students to attend:

- Engineering VOLunteers for 9th Graders (E-VOL9);
- Engineering VOLunteers for 10th Graders (E-VOL10);
- High School Introduction to Engineering Systems for 11th Graders (HITES11); and
- High School Introduction to Engineering Systems for 12th Graders (HITES12).

URL:

<http://www.engr.utk.edu/diversity/pre-college/>

Contact:

Assistant Director of Diversity Programs for the College of Engineering,
pre_eng@utk.edu, (865) 974-0625

Partnering Needs & Opportunities:

Engineering faculty who have a broader impact project which would introduce grade level students to engineering are highly encouraged to contact the College of Engineering's Office of Diversity . Those faculty interested in involvement opportunities can set up a one-on-one appointment with the assistant director of diversity programs by email: pre_eng@utk.edu or by phone: (865) 974-0625.

Last Update by Contact:

November 2015



Community Full-Service Schools Program

About:

The University-Assisted Community School project is designed to address the unmet social, academic, and economic needs of the students and community of Knoxville. The U.A.C.S. project is a full service community school. Full-service community schools are based on the belief that children cannot learn or apply themselves fully to their studies if they are abused, need medical attention, or need counseling for emotional problems. For children with these needs, schools can become the best place to deliver the support and services.

URL:

<http://uacs.utk.edu/default.html>

Contact:

Bob Kronick, rkronick@utk.edu, (865) 974-8799

Partnering Needs & Opportunities:

University assisted community schools offer partnering opportunities for faculty, students, and staff from all departments and disciplines. For more background and ideas, please review this special issue of the *Peabody Journal of Education* with more about University-School-Community collaboration:

http://peabody.vanderbilt.edu/faculty/pje/pje_volume_88_issue_5_2013/

Prospective partners may contact Bob Kronick by email: rkronick@utk.edu or by phone: (865) 974-8799.

Last Update by Contact:

November 2015



Forensic Anthropology Center (FAC)

About:

The Center exists for research, training, and service purposes – research in human decomposition, skeletal identification methods and skeletal biology; professional training to anthropologists and law enforcement personnel; and service to the medico-legal community as well as outreach to schools and other members of the non-forensic community.

URL:

<http://fac.utk.edu/>

Contact:

Dawnie Steadman, Director, oste@utk.edu, (865) 974-0909

Partnering Needs & Opportunities:

The FAC has already formed research partnerships with the Oak Ridge National Laboratory (ORNL) as well as a number of UT partners on the Knoxville Campus, The Medical Center, the Institute of Agriculture, and the Institute for Public Service. The Center has resources that allow for collaboration on the testing and application of new technologies and theories from nuclear spallation to clinical medicine to chemical detection techniques. The FAC is especially interested in working with partners in other disciplines who have technologies that can be applied to forensic science but require testing and development. The Center has a great record of external funding and is happy to collaborate on grant proposals to support research.

Interested prospective partners should contact Dawnie Steadman by email: oste@utk.edu or by phone: (865) 974-0909.

Last Update by Contact:

November 2015



FUTURE: Postsecondary Education Program

About:

FUTURE helps young adults with intellectual and developmental disabilities make a successful transition from high school to adult life by providing them with career counseling and developing their academic, vocational, and decision making skills. Upon successful completion of the program, students receive a vocational certificate.

URL:

<http://futureut.utk.edu/>

Contact:

Tom Beeson, Program Coordinator, tbeeson@utk.edu

Partnering Needs & Opportunities:

The Program is very interested in additional UT partners and is always looking to expand its connections both on and off campus. Prospective partners can contact Tom Beeson by email: tbeeson@utk.edu. The following affiliated faculty may also be contacted about possible collaborative efforts especially if related to research: Dr. Brian Wilhoit (Educational Psychology & Counseling Department, bwilhoit@utk.edu), Dr. Melinda Gibbons (Educational Psychology & Counseling Department, mgibbon2@utk.edu), and Dr. David Cihak (Theory & Practice in Teacher Education, dcihak@utk.edu).

Last Update by Contact:

November 2015



H.A.B.I.T.: Human-Animal Bond in Tennessee

About:

H.A.B.I.T. is a group of community volunteers working together to explore the circumstances and consequences of the human-animal bond and to promote this valuable bond between people and animals. H.A.B.I.T. is comprised of representatives from the University of Tennessee College of Veterinary Medicine, volunteers from the community, and private veterinary practitioners.

URL:

https://vetmed.tennessee.edu/outreach/Pages/habit_home.aspx
<https://www.facebook.com/humananimalbondintennessee?ref=hl>
<https://twitter.com/HABITutk>

Contact:

H.A.B.I.T., habit@utk.edu or habit-et@utk.edu

Partnering Needs & Opportunities:

Prospective partners should contact Karen Armsey by email: habit@utk.edu or habit-et@utk.edu.

Last Update by Contact:

November 2015



Howard Baker Public Policy Challenge

About:

The Howard Baker Public Policy Challenge is a challenging, fun and educational program that requires a semester-long commitment. Begun in 2013, the Challenge is a “real-world” experience that shows students how to make an impact on real issues through the use of public policy, research, analysis and teamwork. The Challenge is open to all UT students. Students may register individually, as co-curricular teams, or as teams enrolled in a Spring semester credit course. The Baker Center provides the organization, infrastructure, and all necessary resources and templates.

URL:

<http://bakercenter.utk.edu/student-engagement/public-policy-challenge/>

Contact:

Nissa Dahlin-Brown, Associate Director
Howard H Baker Jr. Center for Public Policy
nissa@utk.edu

Partnering Needs & Opportunities:

Faculty may incorporate challenge projects into their spring semester courses for an ideal experiential learning experience. This is an ideal opportunity as well for expanding the broader impact of your research or building into an NSF CAREER education plan.

Last Update:

December 2015

HOWARD BAKER PUBLIC POLICY CHALLENGE



Institute for Public Service – Law Enforcement Innovation Center (LEIC)

About:

The Law Enforcement Innovation Center (LEIC) is an agency of the University of Tennessee Institute for Public Service. Formed in 1997, LEIC is a leading training and technical assistance provider for the law enforcement community across the nation. Over the past 15 years, more than 30,000 law enforcement officers, other criminal justice practitioners, public safety workers, public school personnel, and community members have completed our training and educational programs. Expertise within the organization spans crime scene investigation, homeland security (CBRNE) response, community policing, leadership and supervision, vulnerability and threat assessments, and crime prevention through environmental design.

URL:

<http://www.leic.tennessee.edu/>

Contact:

Don Green, Executive Director, don.green@utk.edu

Partnering Needs & Opportunities:

The Institute for Public Service offers opportunities for interns to get real world experience in their chosen professions. Additionally, research projects involving government or business entities may be facilitated through LEIC's outreach. Faculty interested in partnering should contact Don Green by email: don.green@utk.edu.

Last Update by Contact:

November 2015



Institute for Public Service – Municipal Technical Advisory Service (MTAS)

About:

MTAS was established in 1949 by the Tennessee General Assembly to provide technical advice to cities and towns across the state: their governing bodies, mayors, city managers, city recorders, and city department heads. MTAS provides this assistance with consultants who specialize in most areas of municipal operations. MTAS annually completes more than 1,000 major municipal management projects and provides an average of 6,000 other services each year.

URL:

<http://www.mtas.tennessee.edu/web2012.nsf/Web/Home>

Contact:

Jim Thomas, Executive Director, jim.thomas@utk.edu, (615) 532-4950

Partnering Needs & Opportunities:

Those interested in partnering should contact Jim Thomas by email: jim.thomas@utk.edu or by phone: (615) 532-4950

Last Update by Contact:

November 2015



Institute for a Secure and Sustainable Environment (ISSE)

About:

The University of Tennessee's Institute for a Secure and Sustainable Environment (ISSE) seeks to promote the development of policies, technologies, and educational programs that cut across multiple disciplines, engage the university's research faculty and staff, and grow in response to pressing environmental and security issues facing the state, the nation, and the globe. ISSE's specialized centers, programs, and initiatives address a range of issues that fall under the broad rubric of sustainability.

URL:

<http://isse.utk.edu/>

Contact:

Terry Hazen, ISSE Director, tchazen@utk.edu or
Sharon Redus, Program Coordinator, sredus@utk.edu

Partnering Needs & Opportunities:

Information about how to partner with UT's ISSE may be found on the website. Partnering information about some of ISSE's constituent units are also included in this guide.

Last Update by Contact:

November 2015



Institute for a Secure and Sustainable Environment (ISSE) – China-U.S. Joint Research Center for Ecosystem and Environmental Change (JRCEEC)

About:

The goals of JRCEEC are to organize and implement international scientific and engineering research; serve as a center for scientific information exchange; and provide international education and technical training. In its initial phase, JRCEEC will focus on research related to four themes: ecosystem processes and management, environmental sustainability of bioenergy production, ecological foundations of water resources and quality, and technologies for improvement of eco-environmental systems.

URL:

<http://jrceec.utk.edu/index.html>

Contact:

Jie (Joe) Zhuang, Research Director, jzhuang@utk.edu

Partnering Needs & Opportunities:

The program is open to all disciplines across the institution as well as state agencies, industry, and NGO's. Partnership opportunities include participation in conferences and exchanges, policy development, program management as well as financial or in kind support of projects, travel, conferences, and exchanges. Those interested in partnering should contact Jie Zhuang by email: jzhuang@utk.edu.

Last Update by Contact:

November 2015



Institute for a Secure and Sustainable Environment (ISSE) – Tennessee Water Resources Research Center (TNWRRC)

About:

TNWRRC is a federally designated state research institute supported in part by the U.S. Geological Survey. The Center serves as a primary link among water-resource experts in academia, government, and the private sector, and the diversity of its staff in terms of background and expertise enhances flexibility and positions the Center to establish productive partnerships. TNWRRC aims to foster interdisciplinary research, both within the UT campus and beyond, that addresses pragmatic real-life problems pertinent to water availability, sedimentation, hydraulic structures, agricultural engineering, water quality issues and sustainability issues. TNWRRC interfaces with several research centers on campus including ISSE, the hydraulics and sedimentation lab, the Center for Renewable Carbon, the Baker Center, and others on both the UTK and UTIA campuses.

URL:

<http://isse.utk.edu/wrrc/>

Contact:

Thanos Papanicolaou, Director, tpapanic@utk.edu or
Timothy Gangaware, Assistant Director, gangwrrc@utk.edu

Partnering Needs & Opportunities:

Prospective partners could join the Center's advisory board and contribute to its think tank for future directions in the area of water and moving toward a sustainable environment. One focus area of the Center is watershed planning and restoration. WRRRC is currently involved in 4 watershed initiatives in Knox County and 2 more in adjacent counties with efforts led by Tim Gangaware and Roy Arthur. Through its involvement in watershed initiatives, the WRRRC has been able to find research opportunities and project sites for faculty and students on both the UTK and UTIA campuses. Civil and Environmental Engineering, Geography, Biosystems Engineering and Soil Science, and the Journalism Department are a few of the disciplines that have taken advantage of opportunities provided by the Center's involvement in watershed planning and restoration initiatives. The WRRRC oversees a watershed-based service learning program for middle and high schools located in Knox County as well as for youth-based groups such as Scouts, 4-H, and Upward Bound. The Adopt-A-Watershed (AAW) Program utilizes our community's local watersheds as a context for multi/interdisciplinary learning and culminates with youth conducting a service that addresses a real and relevant watershed need. A key element of the program led by educational and outreach coordinator Ruth Anne Hanahan is community involvement including professionals from the private sector as well as University of Tennessee faculty and students. Also, the WRRRC will have an open forum in early January for faculty across the state to join in and meet the Center's excellent personnel. Other stakeholders from the Knoxville area will also be invited. Interested partners should contact Thanos Papanicolaou: tpapanic@utk.edu or Timothy Gangaware: gangwrrc@utk.edu

Last Update by Contact:

November 2015



Kids U Summer Camps at UT

About:

Kids U at UTK is a summer long personal development exposure program consisting of a series of week-long camps. Students in grades 3-12 work with faculty, staff and graduate students in a broad variety of fields. Students can enroll for the non-credit courses to get access to different disciplines taught at UTK. Subjects range from art to anthropology, chemistry and veterinary medicine.

URL:

<http://noncredit.utk.edu/kidsu/>

Contact:

Carol S. Cruze, Program Director for Professional Development & Kids U,
ccruze4@utk.edu, (865) 974-0157

Partnering Needs & Opportunities:

Faculty interested in partnering should fill out a course proposal and send it to Carol S. Cruze by email: ccruze4@utk.edu or contact by phone: (865) 974-0157.

Last Update by Contact:

December 2015

Choose your summer camp from these fun categories:



animals



computers



creativity



careers



discovery



languages



leadership



nature



photography



science



testing:
act prep

Knoxville Homeless Management Information System (KnoxHMIS)

About:

The Knoxville Homeless Management Information System, or KnoxHMIS, serves as an empirical window into homelessness in Knox County. KnoxHMIS is a multifaceted enterprise whose operations address four goals:

1. Operate the information system for community providers,
2. Increase community collaboration to end homelessness,
3. Research trends among those experiencing homelessness, and
4. Provide a spectrum of reporting to community partners, local government, and HUD.

KnoxHMIS is a secure, web-based database of demographic and service delivery information for individuals experiencing homelessness. Through KnoxHMIS, UT works with 19 partner agencies and over 60 service programs. Reports with aggregate client-level data are produced from KnoxHMIS and used to inform local and federal decision-making. This program started in 2004 and involves one faculty staff, one full-time staff, and two half-time staff.

URL:

<http://sworpswebapp.sworps.utk.edu/>

Contact:

David Patterson, Director, dpatter2@utk.edu (for faculty) or
Lisa Higginbotham, lhigginb@utk.edu (for students)

Partnering Needs & Opportunities:

Students: Computer Science students with App design interests and skills can contribute design and training to help those experiencing homelessness find resources they need (examples: WeShelter, Project REACH). Communications students can assist with information graphics and help design special reports on homeless issued from aggregate KnoxHMIS data. Social Work and Sociology graduate students can help prepare the Knoxville-Knox County Homeless Coalition Biennial Study on Homeless and other community initiatives. Interested students are asked to contact Lisa Higginbotham by email: lhigginb@utk.edu.

Faculty and advanced students: Faculty, graduate, doctoral and other advanced students can assist with data visualization/analysis to develop a representative flow of individuals across time, service providers, services delivered, and outcomes in a single information rich data representation. Interested faculty are asked to contact David Patterson by email: dpatter2@utk.edu

Last Update by Contact:

September 2015



Project GRAD Summer Institute

About:

The University of Tennessee Project GRAD Summer Institute is designed to provide a unique opportunity for students to participate and gain experience in an academic setting. Students are exposed to the academic expectations of college and the personal dimensions needed to succeed as a college student. The Summer Institute also helps students think critically about college as a viable possibility. It is designed to accommodate students who live in empowerment zones and who have struggled with college access opportunities.

URL:

<http://cehhs.utk.edu/project-grad-summer-institute/>

Contact:

Dr. Shawn L. Spurgeon
(865) 974-4181
sspurgeo@utk.edu

Partnering Needs & Opportunities:

“We are always looking for ways to expand our participation in and contribution to community development and initiatives. We welcome the opportunity to connect with others.”

Last Update by Contact:

December 2015



Smart Communities Initiative (SCI)

About:

The Smart Communities Initiative (SCI) is an interdisciplinary program within the Office of Service-Learning that engages faculty and students with one community partner each year to take on projects promoting economic viability, environmental sustainability, and social integrity. The program is founded upon the idea that universities and communities should work together to improve the health and vitality of their areas. Through the leveraging of cross-disciplinary research and scholarship, community dialogue, human capacity, and innovation, community and university partners collaborate toward the pursuit of smarter, more vibrant communities.

URL:

<http://servicelearning.utk.edu/smart-communities-initiative/>

Contact:

Kelly Ellenburg, servicelearning@utk.edu

Partnering Needs & Opportunities:

Every March following the selection of the following year's SCI community partner, the Office of Service-Learning publicizes upcoming project opportunities to the campus. Faculty can find information about these projects and how to get involved between March and July each year on the Service-Learning website. Keep an eye out for articles in the *Tennessee Today* and *Impact* newsletters, as well as posts on Facebook (UT Smart Communities Initiative) reminding faculty to visit the site. Faculty can also contact the Office of Service-Learning year-round at servicelearning@utk.edu to learn more about the SCI opportunities for involvement.

Last Update by Contact:

November 2015



Tennessee 4-H

About:

Tennessee 4-H is a youth development program through UT Extension. It includes a broad spectrum of school year programs, summer camps, clubs, and other activities, including a number that focus on science, technology, engineering, and math (STEM). 4-H offers children and young adults the chance to develop unique talents in their areas of interest. 4-H provides educational opportunities through community involvement and hands-on experience as a way to endow participants with life skills while furthering their areas of interest.

URL:

<https://4h.tennessee.edu/Pages/default.aspx>

Contact:

Dr. Richard Clark, rclark47@utk.edu

Partnering Needs & Opportunities:

Prospective partners are asked to contact Dr. Richard Clark by email: rclark46@utk.edu.

Last Update by Contact:

December 2015



Tennessee Geographic Alliance (TGA)

About:

The mission of the Tennessee Geographic Alliance (TGA) is to advance geographic literacy. Established in 1986 the TGA is a university-based, statewide partnership between university professors, state and local education administrators, K-12 teachers and geography professionals. The organization operates out of the Geography Department at the University of Tennessee. The Alliance provides educators with professional development, networking, and teaching materials and promotes public awareness of the importance of geographic skills and fluency. In the recent past, the organization has received competitive grants for teacher professional development and a variety of other programs from the National Endowment for the Humanities, National Geographic Education Foundation, Tennessee Higher Education Commission, the Japan Foundation, and the National Council for the Social Studies.

URL: <http://www.tngeographicalliance.org/>

Contact: Kurt Butefish, Coordinator Tennessee Geographic Alliance,
kbutefis@utk.edu, (865) 974-4841

Partnering Needs & Opportunities:

Because much of the work of the Tennessee Geographic Alliance revolves around the K-12 school curriculum, the TGA is interested in partnering with persons and organizations in the subject areas of Social Studies (in particular Geography), Science, Earth Science, English Language Arts, CTE and Math. Prospective partners should contact Kurt Butefish by email: kbutefis@utk.edu or by phone: (865) 974-4841.

Last Update by Contact:

February 2016



Tennessee Governor's Schools for Sciences and Engineering (GSSE)

About:

GSSE is a four-week summer program for top high school students in TN interested in STEM fields and is taught by specially selected UTK faculty members. GSSE is financially supported by a contract with the TN DOE. Classrooms, laboratories and equipment, and other support are provided by the Colleges of Arts and Science and Engineering and the departments and programs that offer the specific courses. Students are provided the opportunity for advanced study, laboratory experience, and research in engineering, modern science and mathematics placed in an appropriate context. The essential skills of writing and computer usage are taught as part of the overall experience. Students are also exposed to selected contemporary research areas in science and engineering through a series of guest lecturers. Finally, students consider scientific communication and the interface between science and society. All students are enrolled in core courses entitled "STEM in Society" and "STEM Skills," which normally meet in the mornings. Students have a choice of one elective course in science (biology, chemistry, mathematics, and physics) and engineering in the afternoon. Guest lecturers, educational field trips, and college and career choice programs supplement the formal academic curriculum.

URL:

<http://govschool.utk.edu/>

Contact:

Dr. George Siopsis, Director, siopsis@utk.edu, (865) 974-7846

Partnering Needs & Opportunities:

UT partners can contribute by helping with curriculum development and outreach efforts to reach out to underprivileged high school students. GSSE is making an effort to have all Tennessee counties represented and ensure diversity of students. Prospective partners are asked to contact Dr. George Siopsis by email: siopsis@utk.edu or by phone: (865) 974-7846.

Last Update by Contact:

November 2015



Undergraduate Research

About:

Students support their faculty mentors' research, and they come up with fresh projects of their own. The benefits of engaging in undergraduate research are numerous, and UTK offers some of the most exciting research experiences in the nation. UT is classified by the Carnegie Commission as a research university with "very high research activity." As a result, students have access to cutting-edge technologies and well-funded laboratories and outreach opportunities for undergraduate research students.

URL:

<http://ugresearch.utk.edu/>

Contact:

Marisa Moazen, Director for the Office of Undergraduate Research, mmoazen@utk.edu

Partnering Needs & Opportunities:

Faculty interested in mentoring undergraduates in research can recruit students using the EXPLORE database. Within the system, faculty can post opportunities for paid, unpaid, and academic credit based positions. If you would like to host a larger program, the Office of Undergraduate Research can work with you on NSF REU Site proposals as well as proposals for other funding agencies. Our office also provides funding for summer research internships and some travel grants for students to present their research. Faculty can contribute by offering to serve as a research mentor to an undergraduate and allowing them the opportunity to participate in either the faculty member's research or on their own project guided by the faculty mentor.

Last Update by Contact:

December 2015



UT Non-Credit Programs

About:

Non-Credit Programs at The University of Tennessee offers a wide variety of classes aimed at enhancing quality of life and career opportunities for those in the Knoxville community and surrounding areas. Enhance your career skills and open new possibilities with Professional Development. Learn a new hobby, perfect an existing one or discover wines, beers and new cooking techniques with Personal Development. Explore the Smoky Mountains with The Smoky Mountain Field School. Prepare for a new career in only 12 weeks through the UT Culinary Program. Children can learn and explore at the University with Kids U. Discover lifelong learning with Seniors for Creative Learning.

URL:

<http://noncredit.utk.edu/>

Contact:

Carol S. Cruze, Program Director for Professional Development & Kids U at ccruze4@utk.edu or call (865) 974-0157.

Partnering Needs & Opportunities:

Those interested can fill out a course proposal and send it to Carol S. Cruze, Program Director for Professional Development & Kids U at ccruze4@utk.edu or by phone at (865) 974-0157.

Last Update by Contact:

December 2015



UT Institute of Agriculture: Center for Renewable Carbon

About:

The Center for Renewable Carbon, in the University of Tennessee, Institute of Agriculture, is an internationally recognized leader in the development of new and/or improved bioenergy sources, biorefinery processes, bioproducts, and biomaterials that coordinates the science, knowledge transfer, and trains the workforce required to develop a sustainable and economically viable bioeconomy.

URL:

<https://ag.tennessee.edu/CRC/Pages/default.aspx>

Contact:

Dr. Timothy Rials, Director, trials@utk.edu, (865) 946-1116

Partnering Needs & Opportunities:

The Center has a variety of program areas—materials, chemistry, fuels, and power—through which interested faculty could become involved. Additionally, the Center offers numerous unique resources specifically related to biofuels, biochemical and bioproducts production and characterization, all of which could be useful to faculty research endeavors. Prospective partners should contact Dr. Timothy Rials by email: trials@utk.edu.

Last Update by Contact: December 2015



UT Science Forum

About:

The UT Science Forum, presented by Quest, hosts a series of lectures from key note speakers that come from a variety of different scientific backgrounds and disciplines.

URL:

<http://scienceforum.utk.edu/>

Contact:

Amanda Womac, President, appalachiandaughter@gmail.com;
Dr. Mark Littmann, Program Coordinator, littmann@utk.edu; or
Mike Plummer, Secretary/Treasurer, mjplummer@tds.net

Partnering Needs & Opportunities:

Faculty are encouraged to see the website to learn more about the Science Forum and review the upcoming schedule. Those interested in involvement opportunities are also encouraged to join the mailing list. Mike Plummer oversees distribution and may be contacted by email: mjplummer@tds.net. The Science Forum is also always looking for speakers. Interested researchers may contact either Amanda Womac by email: appalachiandaughter@gmail.com or Mark Littmann by email: littmann@utk.edu.

Last Update by Contact:

November 2015



UT's First Year Studies Programs

About:

The First-Year Studies Office (FYS) is devoted to ensuring a smooth transition to UT and a successful experience for all first-year students. The goal of FYS is to help students transition—personally, socially, and academically—to life at the University of Tennessee. Effectively making these transitions in the first year is crucial to success at UT, graduation, and future achievement.

URL:

<http://fys.utk.edu/teaching/>

Contact:

firstyear@utk.edu

Partnering Needs & Opportunities:

FYS 101: <http://fys.utk.edu/fys-101/teaching-101/> equips students with the skills needed to aim for graduation and success in their field of choice. It is a one-credit course specifically designed to assist with personal and academic adjustment and transition to college life. FYS 101 offers opportunities to meet other freshmen and establish support groups with peers, staff, and faculty. In addition, students will develop the skills to thrive in the classroom and in life beyond the classroom. March 1st is the faculty deadline for fall semester FYS 101 seminars. Only two spring FYS 101 seminars are offered. Experienced instructors are encouraged to inquire.

FYS 129: <http://fys.utk.edu/fys-129/teaching-129/> is a one-credit, pass/no-credit course that invites students to engage in a selected topic with a faculty member at UT. These seminars have an enrollment maximum of 18 students, so students and instructors will have a lot of interaction. Students are encouraged to learn, explore, and exchange ideas with first-year students who have similar interests. April 1st is the faculty application deadline for fall semester FYS129 seminars, and October 1st is the seminar submission deadline for spring semester FYS129 seminars.



Vine School Health Center

About:

The Center offers primary health care services to students in Knox County Schools as healthy students are ready to learn. The Center is an example of outreach scholarship and is an educational site for undergraduate and graduate students in nursing and social work.

URL:

<https://nursing.utk.edu/outreach/Pages/VineSchool.aspx>

Contact:

Nan Gaylord, ngaylord@utk.edu, (865) 974-7622

Last Update by Contact:

November 2015



Women in STEM Advancing Research, Readiness, and Retention (WiSTAR3)

About:

WiSTAR3 is the most recent campaign begun by the Commission for Women STEM Committee. It is a professional development program, that also provides a support network, to engage both STEM faculty and graduate students through social and educational events. Networking meetings and workshops are held monthly to prepare women graduate students for careers in advanced research.

URL:

<http://cfwstem.weebly.com/wistar3.html>

Contact:

Commission for Women STEM group email, cfwstem@utk.edu

Partnering Needs & Opportunities:

The Commission for Women STEM Committee has developed into an independent student organization and is officially recognized by the university. The group is open to collaborating with faculty in any aspect of the organization. CFW-STEM Committee is open to partnering with faculty as mentors, speakers or presenters for future symposiums, and organizers for workshops in the WiSTAR3 campaign. Prospective partners should email the CFW-STEM group email: cfwstem@utk.edu.

Last Update by Contact:

March 2016

