

Summer Programs for High School & Undergraduate Students

For High School Students: Summer Programs

Med-Start Summer Program (Deadline: February 15, 2008)

Med-Start is a summer academic enrichment program for any Arizona high school student interested in a health career. Two sites are available, one at The University of Arizona in Tucson and the other at Arizona State University in Phoenix (Maricopa Med-Start). Students participate in the program during the summer between their junior and senior years. Med-Start was created in 1969 to help improve healthcare in rural, reservation, and economically disadvantaged areas through the recruitment and training of students from these regions.

Arizona Health Sciences Colleges sponsors two sites of this summer academic enrichment program for current Arizona high school juniors who want to explore career opportunities in the health professions. Financial aid available. For information on the Tucson program contact Andrew Stuck at (520) 621-5531 or toll free (1-800) 841-5948 or email him at astuck@email.arizona.edu. For information on Maricopa Med-start (held in Phoenix) contact: Lizette Acosta, Program Coordinator at (602) 827-2028 or email her at Lizette@email.arizona.edu. For more information on both Med-Start Programs visit <http://www.medstart.arizona.edu/index.html>.

Med Camp (Deadline: April 15, 2008)

MEDCAMP is a free, three-day summer health careers camp, now in its 15th year. MEDCAMP is designed for Arizona high school juniors and seniors considering a career in medicine, nursing, research or pharmacy. We use a broad curriculum that incorporates classroom teaching, laboratory experience, hospital tours, shadowing opportunities and dialog sessions. All MEDCAMP students are housed in a UA student dormitory and are supervised by medical students. In the summer of 2008, MEDCAMP begins Monday evening, July 14 with check-in between 5 and 6 p.m. and continues for the next three days (Tuesday, Wednesday and Thursday), July 15, 16 and 17, 2008 about 9 a.m. to 4 p.m. All activities are held on the UA campus. For more information contact Katie Riley at (520) 626-7301 or riley@u.arizona.edu or visit <http://www.opa.medicine.arizona.edu/medcamp/intro.htm>.

Summer Engineering Academy (SEA) (Deadline: April 15, 2007)

The innovative SEA program attracts qualified high school students including women and underrepresented minorities, and gives them a chance to consider engineering as a career. The program makes students aware of the state of the art in design and manufacturing. This is done by providing an opportunity for students to work in teams to design and rapid prototype aerodynamic automobiles. Subsequently, these cars are tested in a specially designed wind tunnel and a special prize is awarded for the most aerodynamic design. Students are trained to use SolidWorks software and Fused Deposition Modeling (FDM) for Computer Aided Design (CAD) and rapid prototyping (RP), respectively. Program Dates: June 11th –July 05, 2007. Ray Umashankar P.E., Director of Multicultural Engineering Program (MEP). For more information about SEA contact (520) 621-8103 or ravu@u.arizona.edu Website: www.engr.arizona.edu/sea/

Summer of Excellence (Deadline: Session 1: May 1, 2008 and Session 2: June 1, 2008) A Summer of Excellence is open to high school students from or outside of Arizona who will complete their sophomore, junior, or senior year by June 2007. We are looking for motivated students who demonstrate outstanding academic ability. A minimum cumulative grade point average of 3.50 is desired (A= 4.0); however, additional information such as standardized test scores, letters of recommendation, and your personal statement will also be considered. ATTENTION SENIORS - If you're currently a senior in high school, you can apply to SOE '07. The University of Arizona strives to create an environment which understands, fosters, and embraces the value of diversity among students, faculty, and staff. Diversity encompasses differences in age, color, ethnicity, gender, national origin, disability or handicap, race, religion, sexual orientation, or socioeconomic background. Program dates: Session 1: June 7-July 10, 2008. Session 2: July 12-August 14, 2008. Website: www.soehonors.arizona.edu Contact Stephanie Adamson (520) 621-6901 or soe@honors.arizona.edu.

High School Student Research Volunteer Program at Barrow Neurological Institute

The High School Student Research Volunteer Program is an on-going program that allows highly motivated high school students to participate in scientific research. Students are placed in a number of laboratories at Barrow Neurological Institute, St. Joseph's Hospital and Medical Center, the Mayo Clinic-Scottsdale, Arizona State University and the Palo Verde Laboratories in Chandler. Applications are reviewed by mentors from all of these institutions. Students are notified no later than November 15th. The Student Research program is administered by the faculty and staff of the Neuro-Oncology Research Laboratory at Barrow Neurological Institute® as part of The Scientific Enrichment Program for Students. For more information please call: 602-406-4092 or visit www.stjosephs-phx.org/Medical_Services/122403

[A complete list of 2008 Summer Programs at Arizona State University Tempe Campus.](#)

<http://community.uui.asu.edu/summer/default.asp>

[Midwestern University Health Careers Institute for High School Students](#)

MWU Health Careers Institute for High School Students: A week-long program for serious science students (16 and older) interested in health care. Involves hands-on workshops in anatomy, physiology, and medical skills for various health professions. Applications are due on May 1, 2008, program runs from July 10-19, 2008. For more information and an application visit www.midwestern.edu and click on "Glendale Campus News & Events". Download application at www.midwestern.edu/glendale or email questions to kmatto@midwestern.edu

[Future Health Leaders Summer Camp NAU \(June 8-20\) Yavapai College \(July 13-25\)](#)

Intended for all high school students interested in professions in the health sector. It is a two week summer camp of discovering health careers and developing leadership skills at Northern Arizona University as well as Yavapai College. It is free of charge and includes housing, meals, and costs of all activities. Workshops include: First Aid, CPR, Current Health Issues, Communication Skills, Writing Skills, Interview Skills, Financial Aid and Scholarships. Tours include: Northern Arizona University, Local health care facilities, Northern Arizona attractions and A.T. Still University in Phoenix. Apply online at: www.myhealthcareer.net or call Eustacio at 928-266-5231 for Program in Flagstaff or David at 928-774-8254 for program in Yavapai.

[TGEN Summer Internship: \(March 14th, 2008\)](#)

The TGen Summer Internship Program gives students a chance for hands-on experiences that are opening doors to opportunities most kids just fantasize about-like winning a \$100,000 scholarship, being accepted into medical school or publishing a scientific manuscript. Sounds farfetched? Those are just a handful of accomplishments made by 2005's summer intern class. TGen hosted 55 interns in 2006 from diverse backgrounds including bioengineering, biology, business, biochemistry, nursing, speech and hearing science, international studies, business, humanities, family studies, and human development. The TGen Summer Internship Program is open to high school, college, graduate and medical students who have an interest in developing business and research skills. The program provides students with the opportunity to conduct scientific research under the mentorship of an experienced investigator. The interns begin their tenure with biosafety and human subjects training. The internships conclude with an oral and poster presentation to showcase their accomplishments. The eight-week program supports students from all backgrounds in their efforts to develop foundational skills as they pursue careers in science or medical-related fields.

Apply on-line at www.tgen.org. Click on Education link for applications. Applications due by March 14, 2008.

[For College Students: Summer Programs](#)

[New Start \(July 14—July 21\)](#)

The New Start Summer Program is designed to ease your transition between high school and college. For incoming freshmen to UA. Complete placement exams, learn about the academic college to which you have been admitted, receive academic advising, and register for fall classes in a University of Arizona Orientation program, June 14-15. Earn 3-5 credits in a University-level course. Free in-class tutoring and drop-in afternoon/evening tutoring is available for all courses. Peer advisors facilitate daily workshops on academic success skills and university resources. Peer advisors also conduct one-on-one sessions to address individual student issues. 100 Non-Tucson residents gain the experience of living in an on-campus residence hall with resident assistants who facilitate educational and social programs and promote a safe living environment. Spaces are assigned on a first-come, first served basis. Opportunities for students to develop personally, academically, and socially. Our research demonstrates that students that participate in New Start and the academic year programs perform at higher levels academically and are better connected to the campus than non-participants. Therefore, students are introduced to key resources and personnel to help foster their success at The University of Arizona. Program dates: June 14-July 21, 2007. Contact Patrick Bryan at (520) 621-3093 or wbryan@u.arizona.edu Website: www.ui.arizona.edu/newstart/

[Resource Guide of summer opportunities for Minority Undergraduate Students](#)

The guide contains descriptions of more than 130 summer research programs, internships, and conferences geared towards students of color. This guide can be found at the following website: <http://www.doorsofopportunity.org/> .

For College Students: Summer Programs

2007 ASU Summer Bridge Program (July 7—August 8, 2008)

This Program is designed to provide a transition from high school to college and to develop academic skills needed for university success. The ultimate goal is to provide the tools that will help you stay in college and graduate from ASU. The Bridge Program is a five-week program that will run from July 7 - August 8, 2008. For more information and application visit: <http://uc.asu.edu/bridge/index.html> .

Undergraduate Summer Student Research Program at Barrow Neurological Institute

The Undergraduate Student Research Program consists of full-time summer employment as a research assistant under the direction and supervision of a staff cancer research scientist in the Neuro-Oncology Research laboratory. Undergraduate students are paid a stipend for the summer. Program activities include: participation in research, participation in a seminar program with high school students, faculty and staff of the Neuro-Oncology Research laboratory, presentation of their research during Student Research Day.

For more information visit the following website:

http://www.thebarrow.com/index.asp?pg=lc_rsrch_sumcol&supnav=lc_nrc_supnav&catID=lc

AZ Applicant Academy

The purpose of the academy is to provide a three-day weekend intensive workshop for pre-medical students who are "first-time applicants" or "re- applicants" to medical school for Fall 2007. The workshop will be held on The University of Arizona campus. The academy will address common issues encountered by students in the application process. The academy will assist students with developing a personal statement, MCAT preparation tips, interview strategies and the overall UA - College of Medicine admission process.

For more information please visit the following website: <http://www.diversity.medicine.arizona.edu/index.html>
Or contact Linda Don at 520-621-5531 .

Arizona Maximizing Medical Education Potential

The Arizona Maximizing Medical Education Potential (AZ MMEP) is an innovative summer workshop for pre-medical students to improve academic skills in the critical early stage of their premedical curriculum. This specially tailored workshop utilizes a combination of independent, e-mail and web-based assignments, and two weekend sessions in Tucson to: Increase understanding of the educational pathway to medical school; Increase self-knowledge of your current skills and competencies compared to those needed for success in premedical studies and medical education; Develop a personal plan for achieving educational success, preparing for the MCAT, and gaining admission to medical school; Improve your verbal and written skills; Increase or expand your understanding for cultural competence in health care related to the new national standard for medical education.

For more information please contact Stacey Lopez at (520) 319-8741 or email her at : sdlopez@email.arizona.edu

ASU MTBI/SUMS (June 9, 2008 - August 1, 2008)

The Mathematical and Theoretical Biology Institute and Institute for Strengthening the Understanding of Mathematics and Science (MTBI/SUMS) mission is to produce the best mathematical scientists in the nation. MTBI/SUMS supports the development of students through educational, research and mentorship activities from high school to the postdoctoral level. Its programs include intensive multiple-summer research training institutes, long-term support for its alumni, continuous research opportunities for undergraduate, graduate and postdoctoral students and opportunities for national and international visitors.

For more information and online application visit: <http://mtbi.asu.edu/>
Application Deadline: March 1st, 2008

Institute on Philanthropy and Voluntary Service (June 7—August 2, 2008)

The Institute is an intensive eight-week residential program for college undergraduates active in service held in Washington, DC. During the summer, approximately 35 students take courses on the history and ethics of philanthropy and volunteerism at Georgetown University. Students also hold internships with nonprofit organizations attend presentations by leading figures from the nonprofit sector and participate in a variety of service projects. For more information on this exciting opportunity, please contact Ms. Shane Goldsmith, Director, Institute on Philanthropy & Voluntary Service by phone at 1-800-741-6964 or via email at sgoldsmith@tfas.org. Program Dates: June 9 - August 4, 2007. Applications can be found at: <http://www.dcinternships.org/ipvs/about/index.asp>.

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The TGen Summer Internship Program is open to high school, college, graduate and medical students who have an interest in developing business and research skills. The program provides students with the opportunity to conduct scientific research under the mentorship of an experienced investigator. The interns begin their tenure with biosafety and human subjects training. The internships conclude with an oral and poster presentation to showcase their accomplishments. The eight-week program supports students from all backgrounds in their efforts to develop foundational skills as they pursue careers in science or medical-related fields.

Apply on-line at www.tgen.org. Click on Education link for applications. Applications due by March 14, 2008.

Involvement Opportunities for Students Interested in Health Careers

www.azcaringcareers.com

A complete resource guide of summer opportunities for minority students can also be found at www.doorsofopportunity.org.

Below is a highlight of health care facilities students can contact to gain experience in the health field:

Arizona Heart Hospital, Phoenix

Contact: Jennifer Wilson
602-532-1006
jennifer.wilson@azhearthospital.com
Volunteer Program

Banner Mesa Medical Center, Mesa

Contact: Esther Richard, Workforce Development Co-ordinator
480-461-2200 x2
Esther.richard@bannerhealth.com
Adult/Teen Volunteer Program

Chandler Regional Hospital, Chandler

Contact: b2mitchell@chw.edu
480-821-3308
Volunteer Program

John C. Lincoln Health Network, Phoenix

Contact: dkoons@jcl.com
602-331-5729
Volunteer Program

John C. Lincoln Hospital- North Mountain, Phoenix

Contact: [Volunteer Department](#)
602-331-5729
Volunteer Program

Maricopa Medical Center, Phoenix

Contact: Sandra Munoz, Volunteer Coordinator
602-344-5989
mailto:sandra.munoz@hcs.maricopa.gov
Volunteer Programs
Healthcare Worksite Program: exposure to a healthcare environment. Nursing Helper Program: Assist nurses on the job. Emergency Room Program: Assist staff with clerical functions at nurse's station, read to waiting patients, stock supplies, and make beds.

Maryvale Hospital, Phoenix

Contact: dscherba@abrazohealth.com
623-848-5853
Maryvale Volunteer Program

Paradise Valley Hospital, Phoenix

Contact: Jude Keller, Manager of Volunteer Services
jude.keller@pvhospital.com
602-923-5685
Teen Volunteer Program

Phoenix Children's Hospital, Phoenix

Contact: Jeanne Kirk or Pat Whitton
602-546-0269
jkirk@phoenixchildrens.com or pwhitton@phoenixchildrens.com
Volunteer Services

Scottsdale Healthcare (2 hospitals in Scottsdale)

Contact: [Volunteer Opportunities](#)
480-675-4053
Volunteer Program

St. Joseph's Hospital and Medical Center, Phoenix

Contact: Erik Minderman, Manager of Volunteer Services
602-406-3020
eminderman@chw.edu
Junior Volunteer Program

Arizona Heart Hospital, Phoenix

Contact: Linda McDermott
602-764-7511
mcdermott@phxhs.k.12.az.us
Student Nurse Academy - Partnership with Central High School students interested in becoming a CNA or LPN.

Banner Mesa Medical Center, Mesa

Contact: Esther Richard, Workforce Development Co-ordinator
480-461-2200 x2
Esther.richard@bannerhealth.com

Medical Explorers: Students interested in learning about a variety of healthcare careers

Job Shadowing: Students interested in a small-group mentoring experience in healthcare

Chandler Regional Hospital, Chandler

Contact: Phill Westbrooks
480-821-3292
pwestbrooks@chw.edu
Clinical Student Experience

John C. Lincoln Health Network, Phoenix

Contact: Mary Kay Fowler
602-870-6060 x1398
mfowle@jcl.com

- City of Phoenix Clear Path: Provides healthcare career internships to people with disabilities.
- Goodwill and the PAL Center: Offers summer employment in healthcare to Sunnyslope area youth.

Los Ninos Hospital, Phoenix

Contact: Sonja Talley
602-243-4231 x104
East Valley Institute of Technology- Shadow Days
Phoenix Job Corps- Shadow Days and Career Based Learning (3-week volunteer program for health track students)

Maryvale Hospital, Phoenix

Contact: Sally Nordh, RN
snordh@abrazohealth.com
623-848-5125

- Alhambra High School Medical Magnet Program: Introduces students to healthcare through observational experiences.
- Independence High School CNA Program: Gives students interested in nursing the opportunity to graduate from high school as a certified nurse assistant (CNA).

Mayo Clinic, Phoenix

Contact: Rita Buss, MSN, RN
480-342-1144
buss.rita@mayo.edu
Mayo Clinic Hospital Nurse Camp: A week-long interactive day camp designed to introduce high school students to the diverse, flexible, challenging profession of nursing.
www.mayoclinic.org/nursecamp-sct/

Midwestern University, Phoenix

Contact: Karen Mattox
623-572-3310
kmatto@midwestern.edu
MWU Health Careers Institute for High School Students: A week-long program for serious science students (16 and older) interested in health care. Involves hands-on workshops in anatomy, physiology, and medical skills

for various health professions. Applications are due on May 1, 2007, program runs from July 12-21, 2007. For more information and an application visit www.midwestern.edu and click on "Glendale Campus News & Events".

Scottsdale Healthcare

(Two hospitals in Scottsdale)
Contact: Kathy Barnes
480-675-6938
kbarnes@shc.org

Group Tours: Introduces the world of medicine and the diversity of healthcare to students.

St. Luke's Medical Center, Phoenix

Contact: St. Luke's Volunteer Services
602-251-8480

White Coat Program: A summer internship that provides high school and college students (16 years and older) with an in-depth introduction to various healthcare careers by working with physicians, nurses, technicians, and other healthcare professionals. Applications are due in early May. You may apply online at <http://www.stlukesmedcenter.com/index.htm> under the "Volunteers & Community" section.