



UPWARD BOUND

Fall 2011

University of Cincinnati
Clermont College

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Upward Bound Summer Academy 2011: Genetics...A Twist of Fate

We are all different, yet with so much alike. During the summer of 2011, Upward Bound students at UC Clermont College spent six weeks learning about those common elements that give us uncommon characteristics: genetics. Beginning with a discussion about the different ways “nature and nurture” influence our behaviors and personalities, students explored the science behind why we are who we are and how our outward appearance only shows part of our make-up. In daily classes of English Literature and Composition, German Language, Math and Science, taught by summer faculty Oak Martin, Mariam Nasrati, Christel Brown, and Andrew Sevachko, UB students examined these topics from different perspectives. In their studies, students considered complex questions such as: what if genetic cloning of humans were common practice and what would our world be like if certain characteristics in humans were purposefully, genetically destroyed? Who are our family members who built the foundation for us today and how does one say that in German (!)? What are the building-blocks of the human genetic pattern and how many possible combinations can there be, using some very practical applications of mathematical probability? Finding the answers to these questions led our students into some great research and project work completed throughout the six week academy. Along the way, in studying what makes us unique, students made the discovery of some artistic talent within themselves, thanks to the instruction of our tutor and artist-in-residence Andrea Miller.

Staying in the classrooms all summer is never part of the plan.....we kept learning while on the run! We visited the labs at C.R.E.W. at the Cincinnati Zoo where we learned about the latest in the efforts to preserve endangered plant and animal species, and we spent time at Children’s Hospital Medical Center, learning from two genetic counselors about that profession and how our expanding knowledge of genetics can help people. We welcomed a visiting scientist from Genetica Laboratories, who taught us about the practical use of DNA testing, and we kicked off the 4th of July weekend with a picnic lunch. Our 4th week found us at the Kentucky Horse Park, where we were interested to find out about different breeds of horses, and learned that we don’t actually melt in the rain! Our final field trip to Kings Island was intended purely for fun, and it was!

We ended our six weeks with an evening of artistic presentations of family trees and family video slide shows (both described in German) and a spirited formal debate. It was an impressive show of talent and solid knowledge. Our UB students always work hard and the results are never a disappointment! The following week, we set off for a wonderful three day trip to Atlanta, Georgia where we visited The World of Coke, with free tastings from all around the world, dinner at the Hard Rock Café, an early morning tour of the Georgia Aquarium, and a quick walk through Centennial Olympic Park which led us to our CNN studio tour, where we were truly upward bound on the world’s tallest free-standing escalator! We journeyed to see the historic Cyclorama to understand more fully the Civil War’s Battle of Atlanta, then travelled to Stone Mountain where we experienced another ‘upward bound’ journey on the sky-lift, to the top of the mountain! We finished that night with the exciting Lasershows Spectacular. Our last day in Atlanta began with a walk down historic Peachtree Street, and a tour led by a member of the Atlanta Preservation Society. After a visit to the Martin Luther King, Jr. National Historic Site, we lunched at The Varsity: the world’s largest drive-in restaurant (since 1928) and we headed home, full of chili dogs and orange soda! Tired and happy, the students and staff of UB Summer Academy 2011 made fond farewells, with everyone looking forward to seeing each other again in October.

Please check our web site for event dates and more detailed info about the Upward Bound program.



clc.uc.edu/ub



Senior Spotlight



The University of Cincinnati Clermont College Upward Bound program had twenty-two students graduate from our program in 2011, and they are currently enrolled in eleven different colleges/universities in six different states! North, South, East and West, our Upward Bound students are everywhere!

Brenda Barrett graduated from Williamsburg H.S. She participated in Upward Bound for 4 years. Currently Brenda is enrolled at The Ohio State University, where she is studying Chemical Engineering.

Keri Broyles is a graduate of New Richmond High School and Grant Career Center. Keri is planning to continue her studies in Culinary Arts; she participated in Upward Bound for 4 years.

Kyle Burton is a Georgetown High School graduate. Kyle is studying at UC Clermont with plans to major in Engineering. Kyle is a 4 year Upward Bound participant.

Danitra Campbell is a Bethel-Tate H.S. graduate attending Columbia University in New York, NY. Danitra participated in Upward Bound for 4 years and is currently undecided in her major.

Christopher Ryan Clift graduated from Goshen High School and is enrolled at The Ohio State University. Ryan is studying Political Science with plans for studying Law. Ryan was a 3 year Upward Bound participant.

Samantha DeMaris is a Georgetown High School graduate and 4 year Upward Bound participant. She is interested in pursuing her education in Phlebotomy.

Kelly Holland graduated from Georgetown High School and Southern Hills Career and Technical Center. Kelly was a 4 year Upward Bound participant and has plans of pursuing her education in Veterinary Technology.

Tyler Holtzclaw is a graduate from Amelia High School and 3 year Upward Bound participant. Tyler is studying at Marshall University in Huntington, WV, where he is studying Biology/PreMed with plans of continuing to Medical School.

Stephanie Jackson was a 2 year Upward Bound Participant and a graduate from Western Brown High School. Stephanie is currently enrolled at UC Clermont College and is planning for a career in Physical Therapy.

Megan Johnson is a Western Brown H.S. graduate who is pursuing her Bachelor's degree at Morehead State University. Megan was a 2 year Upward Bound participant and is planning a career in Physical Therapy.

Katie Kilgore graduated from Bethel-Tate High School and Grant Career Center. Katie is studying Nursing at Cincinnati State Technical and Community College and was a 3 year Upward Bound participant.

Megan King is a Georgetown High School graduate and 2 year Upward Bound participant. Currently Megan is enrolled at UC Blue Ash with plans of entering their Veterinary Technology program.

Rachel McClure graduated from Amelia High School and is studying at Ohio University in Athens, OH. Rachel was a 3 year Upward Bound participant and is planning a career in Graphic Design and Marketing.

Lindsay Nelson is a graduate from Western Brown High School; she was a 3 year Upward Bound participant. Lindsay hopes to study Interior Design at The College of Mount St. Joseph in the future.

Monique Payne graduated from Amelia High School and Scarlet Oaks. Monique was a 4 year Upward Bound participant and is a student at Wright State University with plans to pursue a career in law.

Brianna Reising is a graduate from Western Brown High School and a 2 year Upward Bound participant. Brianna is studying Advertising/Marketing at Northwood University in Midland, MI.

John Rice graduated from Williamsburg High School and was a 4 year Upward Bound participant. John is planning to become a minister.

Thomas Russell is a graduate from Bethel-Tate High School and participated in the Upward Bound program for 4 years. Thomas has enlisted in the United States Army.

MaKenna Schulz graduated from Amelia High School and was a 3 year participant in the Upward Bound program. Makenna is studying Psychology at Loyola University in Chicago, IL.

Sara Sheets is a Batavia High School graduate and 4 year Upward Bound participant. Sara is a student at the Art Academy of Cincinnati and plans to become a teacher.

Nathan Taylor is a graduate from Felicity-Franklin High School and 3 year Upward Bound participant. Nathan is studying Music Education at Morehead State University.

Charles Weinberg graduated from Batavia High School and participated in Upward Bound for 3 years. Charlie is studying Business at Marshall University in Huntington, WV.

Upward Bound is completely funded by the United States Department of Education and is part of the federal TRIO programs.

New Staff Member at Upward Bound: Welcome Andrea Miller!

We are happy to welcome our newest staff member, UB tutor Andrea Miller! Andrea started working in her position here at UB at the end of April 2011, and really hit the ground running. After making initial contact with students at the end of the school year, she jumped right in to plan and teach an art class for our Summer Academy 2011. Andrea is no stranger to life here in our area; she is a homegrown graduate of Goshen High School, and comes to us with degrees in Secondary Education from UC Clermont and in P-12 Art Education from Northern Kentucky University. She has a wealth of experience in a variety of areas, most recently with Sylvan Learning Center and perhaps most uniquely as a soldier in the U.S. Army! We're happy to have her knowledge and talent, always purveyed with kindness and a smile. Andrea will be working primarily with students from Batavia, Goshen, Western Brown and Williamsburg High Schools.

Tutoring

Are you having trouble putting the final touches on your English paper? Are you planning to take the ACT this year? Do you need to work on your organization skills? If you answer yes to any or all of these questions, then you need to participate Upward Bound tutoring.

Your Upward Bound tutors, Amanda Luttrell-Smith and Andrea Miller, are available to set up sessions with you in order to help you achieve academic success. Amanda is the tutor for Bethel-Tate High School, Felicity-Franklin High School, Georgetown High School, Grant Vocational School, and Southern Hills JVS. Andrea provides tutoring at Goshen High School, Batavia High School, Williamsburg High School, and Western Brown High School. The tutors will come to your respective school and meet with you during a study hall or an elective class. During your tutoring session, you can get help with homework, prepare for an exam, or tweak your study skills.

You can contact your tutor to set up a session by sending an email to Amanda at amanda.luttrell-smith@uc.edu or Andrea at andrea.miller@uc.edu. Be sure to take advantage of this great program the next time Amanda or Andrea is at your school.



ACT Test Information

Most colleges require prospective students take the ACT as part of the admissions process. Traditionally, most students take the ACT in the spring semester of their junior year. In order to familiarize yourself with the exam, it is important to prepare for the test. The Upward Bound tutors are available to help you with the exam. Your tutor has practice exams, software, and ACT preparation books available to use during your tutoring sessions. Be sure to contact your tutor before you take the ACT!

ACT Test Dates and Deadlines

December 10, 2011 (registration deadline: November 11)
 February 11, 2012 (registration deadline: January 13)
 April 14, 2012 (registration deadline: March 9)
 June 19, 2012 (registration deadline: May 4)

Upcoming Events and Saturday Academy Schedule



**11/17 Thursday College Visit
 (Wright State University)**

12/3

12/17 Holiday Event (Aronoff)

01/07

01/21

02/04

02/25

03/10

04/16

Mid-April Weekday College Visit

04/28

05/12 Final Saturday Academy



Field trips may be planned to be held on regularly scheduled Saturdays; advance notice will be given. ****Dates are subject to change. This almost never happens but is occasionally necessary. Advance notice will be given if any changes are made.****

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Upward Bound Funding

Members of Congress are discussing ways to reduce funding for the federal government in Washington, DC. These discussions could lead to cuts in spending on the federal TRIO programs, including Upward Bound. Depending on what your experience is and has been with Upward Bound, you have a civic right to contact members of Congress and express your views on the effectiveness of the TRIO programs. Members of Congress do pay attention to what we say. I have visited Washington a number of times and have spoken with many members of Congress and their aides, and I have always received a respectful hearing. Those I have spoken with have been familiar with Upward Bound and with TRIO and have been interested in what we are doing and in the achievements of our students.

Senator Rob Portman of Ohio is a member of the "Super Committee" in Congress that is trying to reduce the federal deficit, that is, the gap between federal spending and federal income. His phone number is (202) 224-3353, and he can be reached by email: <http://portman.senate.gov>

Senator Sherrod Brown of Ohio is a member of the Senate Appropriations Committee that makes decisions on how federal money will be spent. His phone number is (202) 224-2315, and he can be reached by email: <http://brown.senate.gov/contact>

Representative Jean Schmidt represents Clermont and Brown Counties in the United States House of Representatives. Her phone number is (202) 225-3164, and she can be reach by email: <http://www.house.gov/schmidt>

If you have any questions, please contact me at (513) 558-7437 or at dan.schneider@uc.edu

Dan Schneider
TRIO Upward Bound Director

Upward Bound at the University of Cincinnati Clermont College encourages life-long learning through a learning community that enables high school students in Clermont and Brown Counties to develop and enhance the intellectual, cultural and social skills necessary for success in postsecondary education.