



University of Colorado

Boulder • Colorado Springs • Denver • Anschutz Medical Campus

Office of Academic Affairs

1800 Grant Street, Suite 800

35 UCA

Denver, Colorado 80203-1185

(303) 860-5600, Fax: (303) 860-5620

University of Colorado

Pre-Collegiate Development Program 2009-10 Annual Report

Prepared by the University of Colorado System Office of Institutional Research

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Table of Contents

University of Colorado at Boulder	1
Pre-Collegiate Development Program Overview	2
2009-10 Program Enrollment by Gender and Race/Ethnicity	7
2009-10 Program Enrollment by School	8
High School Graduation and College Admission	10
University of Colorado at Colorado Springs.....	11
Pre-Collegiate Development Program Overview	12
2009-10 Program Enrollment by Gender and Race/Ethnicity	16
2009-10 Program Enrollment by School	17
High School Graduation and College Admission	19
University of Colorado Denver	20
Pre-Collegiate Development Program Overview	21
2009-10 Program Enrollment by Gender and Race/Ethnicity	24
2009-10 Program Enrollment by School	25
High School Graduation and College Admission	27
Roaring Fork School District	29
Pre-Collegiate Development Program Overview	30
2009-10 Program Enrollment by School and by Gender and Race/Ethnicity	32
High School Graduation and College Admission	33
University of Colorado, All Campuses Enrollment Summary	34
Pre-Collegiate Development Program Budget Information	36
Appendix: Student Characteristics of Target Schools	38

University of Colorado at Boulder

University of Colorado at Boulder Pre-Collegiate Development Program Overview

The Pre-Collegiate Development Program (PCDP) at the University of Colorado at Boulder is an institutionally funded academic enhancement program for targeted middle and high school students and is currently entering its 27th year of operation on the Boulder campus. This highly successful program is the cornerstone of the Office of Pre-College Outreach and Engagement and the model upon which it was developed has been effectively duplicated in other outreach efforts conducted by the University of Colorado in communities across the state. PCDP is designed to prepare and motivate first generation students in their goal of pursuing a postsecondary education. Program activities and offerings are structured to enhance the participants' exposure to academic and personal resources which will enable students to become academically and socially prepared to enroll and achieve success at the University of Colorado at Boulder or any choice postsecondary institution. In addition, participating parents are provided with the information and resources to better understand the educational system in which their children are participating. Special support activities are provided to assist the parents in understanding the different transitions and transformations that occur, as the students move from one level to another (i.e., elementary to secondary to postsecondary).

Purpose/Goals of the PCDP Program

- Provide academic enhancement strategies and opportunities;
- Facilitate college/career exploration opportunities;
- Provide leadership development opportunities for both students and parents;
- Establish collaborative networks among parents, school personnel (Directors, Counselors, Coaches, Principals) and community; and,
- Provide parents with tools/information to assist their students in achieving their educational goals.

PCDP Program Benefits

- Opportunities for students to acquire better academic and study skills;
- Students are provided with tools to improve interpersonal and leadership skills;
- Students are provided strategic insight and assistance in preparing for the ACT exam;
- College-prep advising based on CU-Boulder's Minimum Academic Preparation Standards (MAPS);
- Staff reviews student academic progress on a semester-by-semester basis;
- Assistance with the college transition process including help with:
 - Completion of college applications;
 - Completion of Free Application for Federal Student Aid (FAFSA); and,
 - Strengthening admission and scholarship essays;
- Academic Summer Residential Program provided for rising high school seniors;
- Summer college courses (English and Journalism) for eligible students;
- Scholarships for students who complete the summer residential program, enroll at CU- Boulder and participate in a LEAD Alliance Program;
- Referrals to community and campus resources;
- Development of support groups for both students and parents via community building academies and activities; and,
- Cost free service to both students/parents.

Eligibility Requirements

- Attend a target high school or middle school;
- Be a potential first generation college student (parents have not earned a four-year college degree);
- Minimum of 2.5 Grade Point Average in middle school and must have a 2.75 GPA to transition to and continue participating in the high school program;
- Parents must attend Saturday Academies along with their students as program participants/partners;
- Recruited students may also meet one of the following criteria:
 - member of a single-parent family,
 - eldest child in the family and/or,
 - have a strong desire to pursue higher education.

Saturday Academy Presenters/Presentation Topics

Presentation Topic	Student	Parent	Presenter
Admission Process	X	X	UC Boulder Office of Admissions
Financial Aid Process/Scholarship Information	X	X	UC Boulder Office of Financial Aid
Financial Aid/Investing		X	College Invest
Basic Study Skills	X		Program Instructors
Academic Enhancement (Math, English, Science)	X		Program Instructors
ACT Exam Preparation	X		Prep Associates
LEGO Drop	X		Space Grant Consortium
Alien Artifacts	X		Space Grant Consortium
CSI: Your Classroom	X		BSI/Science Squad
Polymers: The Links That Surround Us/re DNA	X		BSI/Science Squad
Engineering/Hands-on experiments	X		UC Boulder College of Engineering
CU Museum/Tours	X	X	UC of Boulder Museum
Leadership Workshops	X	X	Program Instructor
CU Wizards	X	X	UC Boulder Science Discovery
Transition from middle school to high school	X	X	Colorado Statewide Parent Coalition
Transition from high school to college	X	X	Brignac & CSPC
Transitioning to College/Critical Thinking	X		Student Academic Services Center
Building Community	X	X	Assets for Colorado Youth
Student Development	X	X	Assets for Colorado Youth
College Preparation	X	X	College in Colorado
Navigating Child's School System		X	Assets for Colorado Youth
Motivational Speaker/Student/Parent Relations	X	X	Brignac Education Consulting
Math/English Summer Placement Assessments	X		Program Instructors
College Fair	X	X	UCD/PCDP & College Representatives

CU-Boulder PCDP Summer Residential Program

The Pre-Collegiate Development Program provides its rising seniors with an intensely academically focused Summer Residential Program on the CU-Boulder campus. In addition to providing academic enhancement opportunities, the summer residential program exposes the students to college life by providing them an opportunity to live in the residence halls, access to classroom and laboratory resources and, interaction with university faculty and staff. The PCDP students are registered in the following content areas: Mathematics (College Algebra I and II, Trigonometry, Pre-Calculus, Calculus); Expository Writing (for college and non-college credit), Journalism (for college credit); College Prep Seminar; and Leadership Course. The students are also offered one elective class in the following courses: Engineering, Robotics and Web Design.

During the Summer Residential Program, the students will meet with CU Admissions and Financial Aid Representatives to discuss and gain insight into the many academic and financial intricacies of transitioning to university life. PCDP, along with its partners, offers extensive academic advising, tutoring, and academic enrichment activities to its student participants, in order to encourage and support them in succeeding academically and preparing themselves to successfully gain admission to CU-Boulder or another choice university.

Students are awarded letter grades (A – F) in their summer courses; the transcripts are sent to the students' high school registrars for placement on the students' high school transcript. Some target high schools award elective credit to PCDP students who complete the summer program.

Over one-half of the 2009 Pre-Collegiate Summer Residential class, was admitted to the University of Colorado Boulder at the end of the Summer Residential Program on July 2, 2009.

The Pre-Collegiate Development Program had students from the following **Colorado School Districts** enrolled in its 2009 Summer Residential Program:

- Adams 1 www.acsd1.k12.co.us
- Adams 12 Five Star Schools www.adams12.org
- Adams 14 www.adams14.org
- Adams/Brighton 27 J www.brightonps27j.k12.co.us
- Adams-Arapahoe 28J www.aps.k12.co.us
- Adams 50 www.adams50.org/adams50/site
- Boulder Valley RE 2 <http://bvsd.org/default.aspx>
- CDE/Charter School Institute www.csi.state.co.us
- Cherry Creek 5 www.ccsd.k12.co.us/
- Denver County 1 www.dpsk12.org
- Jefferson County R-1 www.jeffcopublicschools.org
- St. Vrain Valley RE 1J www.stvrain.k12.co.us
- Weld County RE 8 www.ftlupton.k12.co.us

Summit County Pre-Collegiate Program

CU-Boulder has recently initiated a program in Summit County to expand the reach of the pre-collegiate programs. The Pre-Collegiate Program of Summit County is a partnership between the Summit County School District, The Summit Foundation, the University of Colorado, Boulder and Colorado Mountain College. The program was originally designed to assist the Summit County School District in addressing the low graduation rates among Latino students in the district but has since been expanded to include all first generation and low-income students in the district.

Through this partnership Summit County families and students will be the recipients of the mentoring and the resources needed to find the motivation to graduate from high school and to continue on to a successful post-high school experience. And, this kind of partnership sends a sincere message of the collaboration it takes on the part of a community to close the achievement gap and to provide all students with hope for their futures.

The primary goal of the Summit County Pre-Collegiate Program is to adequately prepare identified students for a professional, college career by exposing them to specific areas of interest; complemented with the essential academic advising of high school course selections (in cooperation with their parents, guidance counselors and mentors) to meet that desired objective. In addition, during the academic year, the students and their parents are afforded relevant Saturday Academies in College Readiness and Interpersonal Skills Development. Tutoring services are also provided on an ongoing basis during the academic year at their high school.

Further, participants at the high school level are provided with either a one or two-week, intensive, academic Summer Residential Program. The students experience living on campus, while being exposed to academic courses designed to augment their requirements (e.g., mathematics, writing, sciences, research, etc.) upon their return to their host high schools. The one-week is hosted by Colorado Mountain College for high school freshmen and sophomores and the two-week program is hosted by the University of Colorado, Boulder for the juniors and seniors.

The Program is currently serving approximately 60 students from grades 7 through 12 in its pilot year. The program is staffed by one full-time professional program coordinator and supported by staff in both the middle and high school.

Future plans for PCDP include the following:

- Academic Year Saturday Academies; collaborate with other University of Colorado system PCDP Programs to offer cooperative programming to students; e.g., College Fair at UCD, etc.
- Recruitment at the middle and high school level.
- Explore the potential recruitment of a limited number of students from independent schools.
- Offer an anatomy course during the 2010 Summer Residential Program.
- Offer a business course during the 2010 Summer Residential Program.
- Offer a computer programming course during the 2010 Summer Residential Program.
- Reinstigate program's Summer Service Learning Component.
- Utilize summer instructors as workshop presenters during the academic year.
- Reinstigate PCDP System Directors' Meetings.

• **Collaboration with Program Partners:**

- Chancellor Phil DiStefano, CU Boulder Campus
- Office of Diversity, Equity and Community Engagement (ODECE)
- Housing and Dining Services – Neon Diamante, Maria Hoffman
- Office of Admissions – Matt Lopez, Shoshauna Clark, Deborah Anderson
- Office of Financial Aid – Brenda Duran, Alissa Waymel
- University Memorial Center (UMC) Catering – Roxanne Ruggles
- UMC Scheduling – Kate Hubka
- Recreation Center – Diane Belz, Larry Schwarz, Lara McDermott
- Continuing Education – Barbara Russell
- Parents Association – George Ballinger and Joyce Kinde
- Goodbye Blue Monday – Rachel Neil
- CU Boulder Book Store – Joan Martinez
- Office of the Registrar/Classroom Scheduling – Marilyn Hayes
- College of Engineering – Janet Yowell
- Departments of Physics, Chemistry and Bio-Chemistry – Scott Pinegar and Jerry Leigh
- School of Journalism and Mass Communication – David Martinez
- University Risk Management – Michelle Malfatti
- Parking Services – Kristina Mauck
- CU Police Department/Public Safety – Robert Axmacher, Alex Martinez

For more information on CU-Boulder's Pre-Collegiate Development Program, contact:

David Aragon, Executive Director
Student Success/ODECE
University of Colorado, Boulder
18 UCB
Boulder, CO 80309-0107
PH: 303-492-2944
E-Mail: David.Aragon@Colorado.edu

Ruby Batalla
Assistant Director/High School Coordinator
Pre-Collegiate Development Programs/ ODECE
University of Colorado, Boulder
107 UCB
Boulder, CO 80309-0107
PH: 303-492-2874
E-mail: Ruby.Batalla@Colorado.EDU

Chris Pacheco, Director
Office of Pre-College Outreach Services/ODECE
University of Colorado, Boulder
18 UCB
Boulder, CO 80309-0107
PH: 303-492-7976
E-Mail: Christopher.Pacheco@Colorado.Edu

Maria Ruiz-Jargon
Assistant Director/Middle School Coordinator
Pre-Collegiate Development Programs/ ODECE
University of Colorado, Boulder
107 UCB
Boulder, CO 80309-0107
PH: 303-492-2178
E-mail: Ruizm@Colorado.EDU

Theresa Manchego, Director
Pre-Collegiate Development Programs/ ODECE
University of Colorado, Boulder
107 UCB
Boulder, CO 80309-0107
PH: 303-492-0540
E-mail: Theresa.Manchego@Colorado.EDU

**University of Colorado at Boulder
2009-10 Program Enrollment**

High School Students

	9th	10th	11th	12th	Total	
African American	6	9	4	4	23	5%
Male	1	4	2	2	9	2%
Female	5	5	2	2	14	3%
Latino	76	79	88	28	271	61%
Male	25	27	26	13	91	20%
Female	51	52	62	15	180	40%
Asian	6	5	8	6	25	6%
Male	4	1	0	3	8	2%
Female	2	4	8	3	17	4%
American Indian	0	0	3	0	3	1%
Male	0	0	1	0	1	<1%
Female	0	0	2	0	2	<1%
Bi-Racial	13	7	8	3	31	7%
Male	3	2	1	1	7	2%
Female	10	5	7	2	24	5%
White/Other	32	24	24	12	92	21%
Male	6	9	9	3	27	6%
Female	26	15	15	9	65	15%
Total	133	124	135	53	445	100%
Male	39	43	39	22	143	
Female	94	81	96	31	302	
	71%	65%	71%	58%	68%	

First Generation 427 of 445 96%
 Eldest in Family 228 of 445 51%
 Single Parent 137 of 445 31%

Participation in Parent Component: 820

Middle School Students

	7th	8th	Total	
African American	4	10	14	4%
Male	1	4	5	1%
Female	3	6	9	2%
Latino	87	155	242	62%
Male	33	65	98	25%
Female	54	90	144	37%
Asian	3	10	13	3%
Male	0	4	4	1%
Female	3	6	9	2%
American Indian	5	3	8	2%
Male	1	2	3	1%
Female	4	1	5	1%
Bi-Racial	15	16	31	8%
Male	5	5	10	3%
Female	10	11	21	5%
White/Other	41	43	84	21%
Male	12	20	32	8%
Female	29	23	52	13%
Total	155	237	392	100%
Male	52	100	152	
Female	103	137	240	
	66%	58%	61%	

First Generation 368 of 392 94%
 Eldest in Family 183 of 392 47%
 Single Parent 118 of 392 31%

Participation in Parent Component: 727

University of Colorado at Boulder
2009-10 Program Enrollment by School, High School Program

High Schools by District	9th	10th	11th	12th	Total	
Adams 12 Five Star Schools	34	27	22	8	91	20%
Northglenn High School	9	9	6	3	27	6%
Thornton High School	18	13	11	1	43	10%
Horizon High School (inactive)	4	3	2	1	10	2%
Legacy High School (inactive)	1	2	1	0	4	1%
Mountain Range High School (inactive)	2	0	2	3	7	2%
Adams County 14	4	6	4	1	15	3%
Adams City High School	4	6	4	1	15	3%
Adams 50	16	9	18	6	49	11%
Iver C. Ranum High school (inactive)	0	0	0	4	4	1%
Westminster High School	16	9	18	2	45	10%
Adams-Arapahoe 28J	15	9	9	1	34	8%
Aurora Central High School	8	4	6	1	19	4%
William C. Hinkley High School	7	5	3	0	15	3%
Boulder Valley RE 2	6	7	6	3	22	5%
Broomfield High School (inactive)	0	1	1	0	2	0%
Centaurus High School	6	6	5	3	20	4%
Brighton 27J	6	3	10	4	23	5%
Brighton High School	6	3	10	4	23	5%
Denver County 1	4	8	11	3	26	6%
Denver School of Science & Technology	0	1	6	2	9	2%
East High School	4	6	3	1	14	3%
Montbello High School (inactive)	0	1	2	0	3	1%
Mapleton 1	28	33	38	12	111	25%
Mapleton Early College/Skyview	3	6	5	2	16	4%
Global Leadership/Skyview	3	7	5	1	16	4%
MESA/Skyview	7	5	11	2	25	6%
Skyview Academy/Skyview	6	7	8	3	24	5%
Welby New Tech/Skyview	3	2	3	4	12	3%
York International/Skyview	6	6	6	0	18	4%
St. Vrain Valley RE 1J	2	3	6	1	12	3%
Skyline High School	2	3	6	1	12	3%
Weld County S/D RE-8	4	6	7	3	20	4%
Fort Lupton High School	4	6	7	3	20	4%
Other high schools*	14	13	4	11	42	9%
Total	133	124	135	53	445	100%

(inactive)= High School where students are allowed to transfer to and still remain in the program, even though it is not a target high school. There is no recruitment of students at inactive high schools.

* High schools where students have transferred from target schools or transitioned from middle schools (grandfathered into program). There is no recruitment of students at these high schools.

University of Colorado at Boulder
2009-10 Program Enrollment by School, Middle School Program

Middle Schools by District	7th	8th	Total	
Adams 12 Five Star Schools	60	75	135	34%
Niver Creek Middle School	12	24	36	9%
Northglenn Middle School	33	22	55	14%
Shadow Ridge Middle School	0	4	4	1%
Silver Hills Middle School	6	14	20	5%
Thornton Middle School	9	11	20	5%
Adams County 14	15	24	39	10%
Adams City Middle School	8	11	19	5%
Kearney Middle School	7	13	20	5%
Adams 50	3	17	20	5%
Scott Carpenter Middle School	0	5	5	1%
Shaw Heights Middle School	3	12	15	4%
Adams-Arapahoe 28J	15	22	37	9%
North Middle School	10	16	26	7%
South Middle School	5	6	11	3%
Boulder Valley RE 2	10	16	26	7%
Angevine Middle School	10	16	26	7%
Brighton 27J	4	7	11	3%
Walter L. Vikan Middle School	4	7	11	3%
Mapleton 1	46	66	112	29%
Achieve Academy at Bertha Heid	10	15	25	6%
Clayton Partnership School	2	8	10	3%
Mapleton Expeditionary	5	5	10	3%
Meadow Community School	4	4	8	2%
Monterey Community School	5	6	11	3%
Valley View Middle School	2	9	11	3%
Global	6	11	17	4%
York International	12	8	20	5%
St. Vrain Valley RE 1J	1	10	11	3%
Heritage Middle School	1	10	11	3%
Weld County S/D RE-8	0	0	0	0%
Fort Lupton Middle School	0	0	0	0%
Other middle schools*	1	0	1	>1%
Total	155	237	392	100%

* Middle schools where students have transferred from target schools. There is no recruitment of students at these schools.

**University of Colorado at Boulder
High School Graduation and College Admission**

	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
Pre-Collegiate Graduates	3	17	12	21	13	45	31	53	42	52	52	53	67	59
Applying to Host Campus	3	16	12	21	11	41	28	42	42	52	52	53	64	59
% Applying to Host Campus	100%	94%	100%	100%	85%	91%	90%	79%	100%	100%	100%	100%	96%	100%
Admitted to Host Campus	3	16	12	21	11	39	28	42	37	51	52	46	48	45
% of Applicants Admitted to Host Campus	100%	100%	100%	100%	100%	95%	100%	100%	88%	98%	100%	87%	75%	76%
Matriculated to Host Campus	3	13	10	18	8	12	18	29	25	37	36	35	26	17
% of Admitted Applicants Matriculated	100%	81%	83%	86%	73%	31%	64%	69%	68%	73%	69%	76%	54%	38%
Matriculated to CU System	3	17	11	20	11	42	30	53	42	42	41	37	29	31
% of Pre-Collegiate Graduates	100%	100%	92%	95%	85%	93%	97%	100%	100%	81%	79%	70%	43%	53%
Graduates who have Applied to & are Planning to Attend a Postsecondary Institution	3	17	11	20	11	42	30	53	42	51	52	52	67	58
% of Graduates	100%	100%	92%	95%	85%	93%	97%	100%	100%	98%	100%	98%	100%	98%
Planning to Attend a Four-Year College or University	3	16	11	20	11	40	30	48	38	51	50	49	62	55
% of those Planning to Attend a Postsecondary Inst	100%	94%	100%	100%	100%	95%	100%	91%	90%	100%	96%	94%	93%	95%
Planning to Attend a Two-Year Community College	0	0	0	0	1	3	1	1	4	0	2	3	3	3
% of those Planning to Attend a Postsecondary Inst	0%	0%	0%	0%	9%	7%	3%	2%	10%	0%	4%	6%	4%	5%
Planning to Attend a Vocational School	0	0	0	0	0	0	1	0	0	0	0	0	1	0
% of those Planning to Attend a Postsecondary Inst	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	1%	0%
Planning on Stopping Out	0	1	0	1	1	3	1	0	0	1	0	1	0	1
% of Graduates	0%	6%	0%	5%	8%	7%	3%	0%	0%	2%	0%	2%	0%	2%

	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	Total 1984-2008
Pre-Collegiate Graduates	44	54	62	65	67	63	50	52	55	43	65	51	1,191
Applying to Host Campus	44	53	62	58	55	57	48	52	52	43	65	51	1,136
% Applying to Host Campus	100%	98%	100%	89%	82%	90%	96%	100%	95%	100%	100%	100%	95%
Admitted to Host Campus	29	38	50	48	44	50	44	43	43	40	64	42	986
% of Applicants Admitted to Host Campus	66%	72%	81%	83%	80%	88%	92%	83%	83%	93%	98%	82%	87%
Matriculated to Host Campus	17	21	30	26	26	23	29	28	20	19	33	19	578
% of Admitted Applicants Matriculated	59%	55%	60%	54%	59%	46%	66%	65%	47%	48%	52%	45%	59%
Matriculated to CU System	20	26	34	30	29	24	29	31	28	21	45	21	747
% of Pre-Collegiate Graduates	45%	48%	55%	46%	43%	38%	58%	60%	51%	49%	69%	41%	63%
Graduates who have Applied to & are Planning to Attend a Postsecondary Institution	43	50	59	55	56	62	46	52	54	42	65	51	1,144
% of Graduates	98%	93%	95%	85%	84%	98%	92%	100%	98%	98%	100%	100%	96%
Planning to Attend a Four-Year College or University	39	45	55	52	46	53	40	48	41	38	65	46	1,052
% of those Planning to Attend a Postsecondary Inst	91%	90%	93%	95%	82%	85%	87%	92%	76%	90%	100%	90%	92%
Planning to Attend a Two-Year Community College	4	4	6	5	5	9	4	14	13	4	0	4	93
% of those Planning to Attend a Postsecondary Inst	9%	8%	10%	9%	9%	15%	9%	27%	24%	10%	0%	8%	8%
Planning to Attend a Vocational School	0	1	3	0	0	0	1	1	0	0	0	0	8
% of those Planning to Attend a Postsecondary Inst	0%	2%	5%	0%	0%	0%	2%	2%	0%	0%	0%	0%	1%
Planning on Stopping Out	1	4	3	8	7	1	1	1	1	1	0	1	39
% of Graduates	2%	7%	5%	12%	10%	2%	2%	2%	2%	2%	0%	2%	3%

The year indicates when the completed the pre-collegiate program and graduated high school. Plans for postsecondary enrollment refer to plans for the following fall term (the next academic year).

University of Colorado at Colorado Springs

University of Colorado at Colorado Springs Pre-Collegiate Development Program Overview

High School Component

Mission Statement

The mission of the University of Colorado at Colorado Springs (UCCS) Pre-Collegiate Development Program (PCDP) is to provide academically motivated first-generation students with the academic preparation, opportunity, support and exposure necessary to attain a higher education degree and reach their potential through Saturday Academy workshops and Summer Program courses.

Vision Statement

All Pre-Collegiate academically motivated students will be prepared for the challenges of higher education degree attainment.

Program Benefits

- Academic advising throughout high school to better prepare for college
- Opportunities to learn about new subjects and acquire better study skills
- Tools to improve Interpersonal Communication and Leadership skills
- Preparatory assistance for the ACT college exam
- EPAS(EXPLORE-9th grade and PLAN-10th grade assessments)
- Assistance with College Admissions, Scholarships, and Financial Aid applications
- Parent Alliance Group and support system
- Access and referrals to community and campus resources

Program Goals

- Provide comprehensive college preparation
- Facilitate career exploration, higher education opportunities, and leadership development
- Establish bridge program to higher education

Criteria for Selection *

- Attend a target high school
- Be an academically motivated first-generation college student (neither parent has received a 4-year college degree)
- Have a minimum 3.0 grade point average in high school
- Be a member of an underrepresented group in higher education
- Meet one or more of following requirements:
 - Be a member of a one-parent family
 - Be the eldest child in the family
 - Have the desire to continue in education beyond high school

* The Pre-Collegiate Development Program reserves the right (on a case-by-case basis, based on available openings and funding) to make exceptions these criteria.

High School Menu of Academic Year Activities

- Saturday Academy workshops
 - Career Exploration
 - Financial Aid/Scholarships
 - Family Financial Planning
 - College Preparation seminars
 - Study Skills Development
 - Interpersonal Communication skills
- Parent Alliance Group meetings
- Academic Support Services
- Leadership Development
 - Pre-Collegiate Youth Leadership Academy
- ACT Educational Planning and Assessment System (EPAS)
- Monitoring of Academic Progress – Minimum Academic Preparation Standards (MAPS)

High School Summer Program

Summer Academic Program/Rising Seniors

For 11th grade juniors the summer before their senior year of high school. UCCS 5-week Summer Program (Participation in Summer Program requires a minimum of 3.00 GPA and submission of two ACT scores prior to course registration).

Courses for college credit *

- Interpersonal Communication: COMM 102
- Leadership Theory and Practice: Communication 244

Mandatory Choice Courses-selection of courses varies per academic year

Senior Seminar: Now that I'm a senior: What should I be doing?

- College Scholarships and Entrance Application assistance
- College Scholarship essay and resume writing
- Academic Fitness

NOTE: Rising Seniors Program is scheduled for 5 week time frame: (June 14 to July 16, 2010)

Summer Academic Program/Rising Juniors

For 10th grade sophomores the summer before their junior year of high school) UCCS-2 week Summer Program requires a minimum of 3.00 GPA.

Courses for college credit *

- Fundamentals of Oral and Written Communication: ID 103
- Foundations of Leadership: Communication 144

Note: Rising Juniors program is scheduled for two week time frame: (June 14 to June 25, 2010)

Summer Bridge Program-Pre-Collegiate Graduates-summer before College Freshmen Year Course Offerings

- College Algebra-Math 104
- Intro to Sociology-Sociology 111
- Communication 201-Oral Communication in the Workplace
- Environmental Systems: Landforms and Soils-GES 101
- Introduction to Race and Gender-WEST 2010

Note: Summer Bridge Program scheduled for 5-week time frame: (June 14 to July 16, 2010)

*Course offerings change periodically. Length of summer program based on campus funding and space.

Middle School Component

PIPES Pre-Collegiate Program (Partnership for Innovative Preparation of Educators and Students)

Mission Statement

The mission of the University of Colorado at Colorado Springs PIPES/Pre-Collegiate Program is to provide academically motivated first generation students with the academic preparation, opportunity, support and exposure necessary to attain a higher education degree and reach their potential through Saturday Science Academy workshops, Youth Leadership Development, and Summer Science, Technology, Engineering, and Math (STEM) hands-on workshops.

Vision

All Pre-Collegiate academically motivated students will be prepared for the challenges of higher education degree attainment.

Program Benefits

- Academic advising throughout high school to better prepare for college
- Opportunities to learn about new subjects and acquire better study skills
- Tools to improve Interpersonal Communication and Leadership skills
- Preparatory assistance for the ACT college exam
- EPAS (EXPLORE-9th grade and PLAN-10th grade assessments)
- Assistance with College Admissions, Scholarships, and Financial Aid applications
- Parent Alliance Group and support system
- Access and referrals to community and campus resources

Program Goals

- Provide comprehensive college preparation around various subjects in science, technology, engineering, math, and the arts
- Facilitate career exploration, higher education opportunities, and leadership development
- Establish bridge program to high school

Criteria for Selection *

- Attend a target middle school
- Be an academically motivated student first generation student (neither parent has a 4-year degree)
- Have a minimum 3.0 GPA in 7th grade and a 3.0 GPA in 8th grade
- Be recommended by a classroom teacher
- Have the desire to continue in education beyond high school

* The Pre-Collegiate Development Program reserves the right (on a case-by-case basis, based on available openings and funding) to make exceptions to these criteria.

Middle School Menu of Academic Year Activities

- Saturday Science workshops
 - Critical thinking skills using fun, hands-on projects
 - Interpersonal Communication skills
 - Innovation and Creativity
- Parent Alliance Group meetings
- Academic Support services
- Leadership Development
 - Pre-Collegiate Youth Leadership Institute/Annual Leadership Workshops

Science, Technology, Engineering, and Math (STEM) in Real Life Summer Program

- Two (2) Day Program for 7th and 8th grade students on campus at UCCS
 - Have fun working on innovative science and technology projects alongside industry and military scientists and engineers
 - Find out how science and math are used in fields such as:
 - Sports medicine
 - Building and construction trades

For more information on the Pre-Collegiate Development Program at UCCS, contact:

Josephine Benevidez

Director, Pre-Collegiate Development Center

Email: pcdp@uccs.edu

**University of Colorado at Colorado Springs
2009-10 Program Enrollment**

High School Students

	9th	10th	11th	12th	Total	
African American	12	11	9	4	36	9%
Male	4	1	2	0	7	2%
Female	8	10	7	4	29	7%
Latino	42	27	21	17	107	26%
Male	21	10	9	7	47	12%
Female	21	17	12	10	60	15%
Asian	2	6	6	3	17	4%
Male	1	2	4	3	10	2%
Female	1	4	2	0	7	2%
American Indian	3	2	1	3	9	2%
Male	2	0	1	1	4	1%
Female	1	2	0	2	5	1%
Bi-Racial	8	4	8	5	25	6%
Male	4	2	2	1	9	2%
Female	4	2	6	4	16	4%
White/Other	63	59	54	38	214	52%
Male	26	25	15	11	77	19%
Female	37	34	39	27	137	34%
Total	130	109	99	70	408	100%
Male	58	40	33	23	154	
Female	72	69	66	47	254	
	45%	37%	33%	33%	38%	
	55%	63%	67%	67%	62%	

Middle School Students

	7th	8th	Total	
African American	10	12	22	8%
Male	4	6	10	3%
Female	6	6	12	4%
Latino	18	34	52	18%
Male	9	19	28	10%
Female	9	15	24	8%
Asian	6	4	10	3%
Male	2	1	3	1%
Female	4	3	7	2%
American Indian	1	1	2	1%
Male	0	1	1	<1%
Female	1	0	1	<1%
Bi-Racial	8	11	19	7%
Male	4	5	9	3%
Female	4	6	10	3%
White/Other	85	97	182	63%
Male	39	33	72	25%
Female	46	64	110	38%
Total	128	159	287	100%
Male	58	65	123	
Female	70	94	164	
	45%	41%	43%	
	55%	59%	57%	

**University of Colorado at Colorado Springs
2009-10 Program Enrollment by School, High School Program**

High Schools by District	9th	10th	11th	12th	Total	
Colorado Springs 11	23	19	21	22	85	21%
Coronado	13	3	5	4	25	6%
Doherty	1	7	4	7	19	5%
Mitchell	3	2	4	0	9	2%
Palmer	4	3	6	9	22	5%
Wasson	2	4	2	2	10	2%
Eagle County RE 50	23	23	0	0	46	11%
Eagle Valley High School*	23	23	0	0	46	11%
Falcon 49	5	13	19	9	46	11%
Falcon High School	5	13	19	9	46	11%
Vista Ridge High School**	0	0	0	0	0	0%
Harrison 2	16	19	18	6	59	14%
Harrison High School	10	12	7	5	34	8%
Sierra High School	6	7	11	1	25	6%
Pueblo City 60	1	3	6	2	12	3%
Pueblo Central	0	1	5	2	8	2%
Pueblo East	1	0	0	0	1	0%
Pueblo South	0	2	1	0	3	1%
Pueblo County 70	0	0	2	0	2	0%
Pueblo West	0	0	2	0	2	0%
Ridgway R-2	16	4	5	2	27	7%
Ridgway High School*	16	4	5	2	27	7%
Widefield 3	38	28	24	16	106	26%
Mesa Ridge High School	2	10	4	1	17	4%
Widefield High School	36	18	20	15	89	22%
Other high schools***	8	0	4	13	25	6%
Total	130	109	99	70	408	100%

* Satellite school

** Recruitment to begin Fall 2010

***High schools where students have transferred from target schools

University of Colorado at Colorado Springs
2009-10 Program Enrollment by School, Middle School Program

Middle Schools by District	7th	8th	Total	
Colorado Springs 11	12	34	46	16%
Jack Swigert Aerospace Academy	5	8	13	5%
Sabin Middle School	0	9	9	3%
Russell Middle School	0	5	5	2%
West Intergenerational Center	7	12	19	7%
Eagle County RE 50	30	21	51	18%
Eagle Valley Middle School*	17	11	28	10%
Gypsum Creek Middle School*	13	10	23	8%
Falcon 49	8	23	31	11%
Falcon Middle School	7	23	30	10%
Horizon Middle School	1	0	1	0%
Harrison 2	12	17	29	10%
Carmel Middle School	7	8	15	5%
Fox Meadow Middle School	5	9	14	5%
Manitou Springs 14	6	0	6	2%
Manitou Springs Middle School	6	0	6	2%
Ridgway R-2	17	13	30	10%
Ridgway Middle School*	17	13	30	10%
Widefield 3	43	45	88	31%
Janitell Junior High School	9	11	20	7%
Sproul Junior High School	34	34	68	24%
Other middle schools**	0	6	6	2%
Total	128	159	287	100%

* Satellite school

**Middle schools where students have transferred from target schools

University of Colorado at Colorado Springs High School Graduation and College Admission

	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
Pre-Collegiate Graduates	11	23	10	18	19	9	44	26	49	35	33
Applying to Host Campus	11	23	10	18	19	9	44	26	49	35	33
% Applying to Host Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Admitted to Host Campus	10	20	9	17	18	9	40	22	35	28	23
% of Applicants Admitted to Host Campus	91%	87%	90%	94%	95%	100%	91%	85%	71%	80%	70%
Matriculated to Host Campus	4	20	7	14	16	8	32	10	35	28	13
% of Admitted Applicants Matriculated	40%	100%	78%	82%	89%	89%	80%	45%	100%	100%	57%
Matriculated to CU System	9	17	9	15	15	7	21	12	36	30	13
% of Pre-Collegiate Graduates	82%	74%	90%	83%	79%	78%	48%	46%	73%	86%	39%

Graduates who have Applied to & are Planning to Attend a

	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
Postsecondary Institution	11	23	10	17	18	8	44	22	39	34	28
% of Graduates	100%	100%	100%	94%	95%	89%	100%	85%	80%	97%	85%
Planning to Attend a Four-Year College or University	9	20	9	16	17	7	43	21	35	31	26
% of those Planning to Attend a Postsecondary Inst	82%	87%	90%	94%	94%	88%	98%	95%	90%	91%	93%
Planning to Attend a Two-Year Community College	1	2	1	2	1	1	1	1	4	2	2
% of those Planning to Attend a Postsecondary Inst	9%	9%	10%	12%	6%	13%	2%	5%	10%	6%	7%
Planning to Attend a Vocational School	1	1	0	0	0	0	0	0	0	1	0
% of those Planning to Attend a Postsecondary Inst	9%	4%	0%	0%	0%	0%	0%	0%	0%	3%	0%
Planning on Stopping Out *	0	0	0	0	1	1	0	4	10	1	5
% of Graduates	0%	0%	0%	0%	5%	11%	0%	15%	20%	3%	15%

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	Total 1988-2009
Pre-Collegiate Graduates	33	35	44	53	52	50	41	78	61	80	72	876
Applying to Host Campus	33	35	40	53	52	47	41	78	61	80	72	869
% Applying to Host Campus	100%	100%	91%	100%	100%	94%	100%	100%	100%	100%	100%	99%
Admitted to Host Campus	30	28	33	37	36	42	38	60	40	63	68	706
% of Applicants Admitted to Host Campus	91%	80%	83%	70%	69%	89%	93%	77%	66%	79%	94%	82%
Matriculated to Host Campus	23	17	16	20	16	22	15	31	13	23	29	412
% of Admitted Applicants Matriculated	77%	61%	48%	54%	44%	52%	39%	52%	33%	37%	43%	58%
Matriculated to CU System	25	17	21	21	19	25	19	40	14	25	34	444
% of Pre-Collegiate Graduates	76%	49%	48%	40%	37%	50%	46%	51%	23%	31%	47%	51%

Graduates who have Applied to & are Planning to Attend a

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	Total
Postsecondary Institution	32	32	38	53	51	50	41	69	21	80	72	793
% of Graduates	97%	91%	86%	100%	98%	100%	100%	88%	34%	100%	100%	91%
Planning to Attend a Four-Year College or University	30	28	34	42	33	48	37	68	21	80	72	727
% of those Planning to Attend a Postsecondary Inst	94%	88%	89%	79%	65%	96%	90%	99%	100%	100%	100%	92%
Planning to Attend a Two-Year Community College	2	4	3	1	6	2	4	1	3	0	0	44
% of those Planning to Attend a Postsecondary Inst	6%	13%	8%	2%	12%	4%	10%	1%	14%	0%	0%	6%
Planning to Attend a Vocational School	0	0	0	0	0	0	1	0	0	0	0	4
% of those Planning to Attend a Postsecondary Inst	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	1%
Planning on Stopping Out *	1	1	2	0	1	0	0	1	0	0	0	28
% of Graduates	3%	3%	5%	0%	2%	0%	0%	1%	0%	0%	0%	3%

* Includes some students who indicated that they planned to enlist in the military.

The year indicates when the completed the pre-collegiate program and graduated high school. Plans for postsecondary enrollment refer to plans for the following fall term (the next academic year).

University of Colorado Denver

Denver Campus
and
Anschutz Medical Campus

