



# AIR Programs

Main Campus: San Diego State University (SDSU)

3-4-08

## AIR Programs "Pride for Life Jr." Spring 2008-Schedule

**Date:** 3-4-08

**Meeting 1 (Storm Hall 255)**

**Location:** SDSU

### Introductions

#### Orientation

The ideal that we are attempting to give the student participant is how higher education plays a role in various occupations. For example, at a zoo, a veterinarian usually has an undergraduate degree and has been admitted into a graduate program for veterinarians or a doctor has an undergraduate degree and went to a medical school to become a doctor. By giving the student the model of the profession (a profession in action) the student, with the assistance of a mentor, will examine what went into that professional's training (his undergraduate and graduate education).

#### Syllabus/Calendar

Students will be given a student handbook and calendar for the semester for course classes.

#### Scavenger Hunt:

Student participants are given the task of being a SDSU student and going to class on the first day. Knowledge of the campus is important-you may have a class in the Business Administration building and then the next class across campus in Storm Hall (1/2 mile across campus) and if you are late you may lose your spot or the professor may lock the door. This scavenger is based on time and navigation through the campus to meet all your academic responsibilities, good luck.

**Date:** 3-11-08

**Meeting 2 (Storm Hall 255)**

**Location:** SDSU

### Introductions

#### Team Work Exercise:

One of the best ways to have the student participant develop social interaction is to use team work exercises. We will do a mini-team work exercise to get us all ready for the start of our program.

#### Workshop 1: *What is a degree?*

This workshop, discusses what degrees are and the process of obtaining one (whether it will be a BS or BS/AS or AA). We will also discuss the levels in college from freshman to senior. Remember, in approaching any situation you should always have a game plan. Here, the game plan is not just to study (that's only half the battle) knowing the rules of higher education are equally important and this workshop will allow you understand what you are trying to do: get a degree!

#### Research Presentation development training

Part of the AIR Program is to digest what we have done. Our approach for this project is to create mini-presentations on what we have learned. For example: when we go out to our field trips to various locations we will learn about the various professions. In order to understand and retain what we have learned we will create a mini-presentation on each trip. The student (though assistance of the mentor) will create mini-presentations (via power point) on the our field trips. In this training we will learn how to take the pictures from a file, embed them within a PowerPoint presentation and create the language for our presentation. The objective here is to have the student learn what to look and listen for when out in the field. This way when the student makes their mini-presentation they will have everything they need to be successful.

## Pride for Life Jr. Spring 2008—Schedule

**Date:** 3-25-08

**Meeting 3**

**Location:** UCSD

### Birch Aquarium at Scripps

#### Introductions

The purpose of this field trip is to give the students the ideals of professions within the area we are visiting and how they obtained there positions (usually with a required college degree). Here, Scripps offers Oceanography/Marine Biology as a major that helps them discover and help preserve our oceans. Through the use of the Aquarium's "Discovery Labs" we will offer students an opportunity to meet live animals and use scientific investigation to discover the wonders of the ocean and world around them. Plus, this is just a cool visit.

**Date:** 4-1-08

**Meeting 4**

**Location:** USD

#### Introductions

#### Engineering Studies

This week we will visit the USD Science and Engineering Program to look at modeling concepts. No, Tyra Banks will not be at this meeting (that is another modeling ideal)-in this case, engineers and scientists make models of various concepts within their field to get a bench test on design. For example, a Geologist will take measurements of the earth and then plug in their values that a machine will make a model and contour of the planet. In our case, we will be using this modeling approach to make puzzles. This is a complex ideal, as the engineer develops an overall plan inputs the plan into the computer and creates his/her model.



**Date:** 4-8-08

**Meeting 5**

**Location:** SDSU

#### Introductions

#### Team work Exercise:

One of the best ways to have the student participant develop social interaction is to use team work exercises. We will do a mini-team work exercise to get us all ready for the start of our program.

#### Workshop 2: *Finances and how to understand them*

One important thing in life is finances and how to make money "stretch". Our workshop will implant the ideals of money management that will help them in life and in college.

#### Presentation Development: *"What have we learned?"*

Part of the AIR Program is to digest what we have done. An academic approach is accomplished by creating a presentation and communicating your ideas through such a presentation. The student (though assistance of the mentor) will create two mini-presentations (via power point) on the two field trips. Pictures will be taken through the first two meetings. The students will use these pictures and create a Power Point presentation on each of the first two topics (10 slides minimum-that also means two presentations).

## Pride for Life Jr. Spring 2008—Schedule

**Date:** 4-15-08

**Meeting 6**

**Location:** SDSU

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### Introductions

#### Astronomy (SDSU Observatory)

At SDSU we will be going to the astronomy observatory. There you will enjoy and listen to one of the most beautiful displays of stars and lights. This is a cool one.

**Date:** 4-22-08

**Meeting 7**

**Location:** USD

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### End of the Year Party!

Presentations will be shown to the Students

Awards for students who have completed the program and in all that we have learned this semester.

