



**C<sup>2</sup> Pipeline**

# WSU C<sup>2</sup> Pipeline Summer Program Offerings 2015



# Wayne State University College of Nursing

## C<sup>2</sup> Pipeline Afterschool Program



***“The mission of the C<sup>2</sup> Pipeline is that it is an out of school time, college and career ready program that incorporates S.T.E.M in a project based, hands on learning environment with a focus on Health Careers, that enhance and link to a student’s secondary educational experience.”***

C<sup>2</sup> Pipeline is a 21st Century Community Learning Center (21st CCLC) grant funded program sponsored by the Wayne State University’s College of Nursing. The program currently operates in fifteen (15) Metro Detroit High Schools. C<sup>2</sup> Pipeline works to accomplish its mission by increase academic achievement and student learning, increasing student awareness through career enrichments and provide family services. Throughout the program year, students involved in the program have opportunities to participate in hands-on activities, interact with guest speakers, attend field trips and visit campus. For more information, stay connected with C<sup>2</sup> Pipeline by visiting [www.c2pipeline.wayne.edu](http://www.c2pipeline.wayne.edu).

# WSU C<sup>2</sup> Pipeline Summer Program Offerings 2015

We are very excited about our 2015 Summer Program Offerings. You will find a description of each programming offering on the pages indicated below.

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**C<sup>2</sup> Pipeline**

# 2015 C<sup>2</sup> Pipeline Summer Program Offerings



## Pre-College Summer Camps

*In partnership with the College of Engineering's Computer Science Department*

### **Creating Animation & Movies Camp**

**Dates:** July 6th, 2015 through July 23rd, 2015

**Monday through Thursday, 9am-4pm (No Fridays)**

**Open to 9th graders (Fall 2015)**

- Explore computer animation to create an original computer-generated movie
- Learn how to use Alice, a 3-D virtual reality software program
- Learn about mechanical and software design
- Project management and teamwork skills

### **Web Technology**

**Dates:** July 6th, 2015 through July 23rd, 2015

**Monday through Thursday, 9am-4pm (No Fridays)**

**Open to 9th graders (Fall 2015)**

- Internet Web Page Design
- How to develop a personal website
- Transferring web files to a web server
- Create and establish their own Website
- Modify and edit web pages for the website



### **Creating Android Phone Apps Camp**

**Dates:** July 6th, 2015 through July 23rd, 2015

**Monday through Thursday, 9am-4pm (No Fridays)**

**Open to 9th graders (Fall 2015) - 12th graders (Fall 2015)**

- Explore cell phone programming to create original Android applications
- Learn how to use Android AppInventor software
- Learn about mechanical and software design, project management and teamwork skills

### **Explorations in Computer Gaming**

**Dates:** July 6th, 2015 through July 23rd, 2015

**Monday through Thursday, 9am-4pm (No Fridays)**

**Open to 9th graders (Fall 2015) - 12th graders (Fall 2015)**

- Write video games for game controllers such as the Xbox 360 controllers
- Explore the program techniques behind the games
- Develop simple 2D and 3D graphics and sound

**\*\*Lunch and transportation will be provided daily. You are asked to follow your school's dress code since you will be attending classes on campus. No additional supplies are needed or required to participate.**

## **Get Your Application in Early!!**

Each session will hold 25 students and will be filled on a first come, first serve basis. Accepted participants will be contacted by a C<sup>2</sup> Pipeline staff member to confirm participation. Those students that did not get a spot in the program will be placed on a waiting list and notified should a place become available. Applications will open soon! Check the "Summer" tab at [www.c2pipeline.wayne.edu](http://www.c2pipeline.wayne.edu) often!!

## Camp Engineering

*In partnership with the College of Engineering*

### **Discovering Biomedical Engineering & Sports Injury Protection**

Dates: July 13th, 2015 through July 23rd, 2015

Monday through Thursday, 9am-4pm (No Fridays)

Open to 9th graders (Fall 2015) - 12th graders (Fall 2015)

- Details to follow

### **Racing Challenge**

Dates: July 13th, 2015 through July 23rd, 2015

Monday through Thursday, 9am-4pm (No Fridays)

Open to 9th graders (Fall 2015) - 12th graders (Fall 2015)

- Details to follow



### **Rube Goldberg Experience: Guinness Book of World Record Machine (with STEM.org & Motor City Machine Works)**

Dates: July 13th, 2015 through July 23rd, 2015

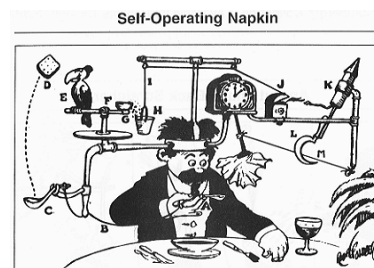
Monday through Thursday, 9am-4pm (No Fridays)

Open to 9th graders (Fall 2015) - 12th graders (Fall 2015)

- Lead by the Formula SAE Racing Team
- Build a Rube Goldberg machine that breaks the current Guinness Book of World Records record
- Work side by side with various Wayne State University Student Organizations
- Goal of the camp is to break the current world record held by Purdue University



**\*\*Lunch and transportation will be provided daily. You are asked to follow your school's dress code since you will be attending classes on campus. No additional supplies are needed or required to participate.**



## **Get Your Application in Early!!**

The **Discovering BioMedical Engineering & Sports Injury Protection Camp** and **Racing Challenge Camp** will each hold 25 students and will be filled on a first come, first serve basis. Accepted participants will be contacted by a C<sup>2</sup> Pipeline staff member to confirm participation. Those students that did not get a spot in the program will be placed on a waiting list and notified should a place become available.

Applications will open soon! Check the "Summer" tab at [www.c2pipeline.wayne.edu](http://www.c2pipeline.wayne.edu) often!!

The **Rube Goldberg Experience: Guinness Book of World Records Machine Camp** will hold 50 students and will be filled on a first come, first serve basis. Accepted participants will be contacted by a C<sup>2</sup> Pipeline staff member to confirm participation. Those students that did not get a spot in the program will be placed on a waiting list and notified should a place become available.

To apply, visit: <http://forms.wayne.edu/54ee17e18401f>

Applications open on March 1st, 2015 and will close on May 13th, 2015.



## **Nursing Experience Camp**

Due to popularity, two separate sessions are being offered.

*In partnership with the College of Nursing*

**Session 1: Monday, July 13th, 2015 through Thursday, July 16th, 2015 (9am-4pm)**

**Session 2: Monday, July 20th, 2015 through Thursday, July 23rd (9am-4pm)**

**Open to 9th graders (Fall 2015) - 12th graders (Fall 2015)**

This four day camp is designed for those students who are serious in becoming a nurse. Participants will learn about the various types of nursing specialties and have the opportunity to see if a career in nursing is the right choice.



During their time on campus, participants will have hands on use of nursing equipment, practice various skills, see nurses in action, and meet current students, graduates and faculty. See detailed schedule below.

**Day 1:** Participants will tour the College of Nursing and learn about the variety of disciplines within the nursing profession.

**Day 2:** Participants will learn how to perform a physical assessments, take vitals, communicate with patients and discuss birthing.

**Day 3:** Participants will learn basic lifesaving skills and practice the skills on College of Nursing staff members.

**Day 4:** Participants will utilize information presented throughout the week to design and run a simulation in the state-of-the-art SIM lab at the College of Nursing.

Transportation and lunch are provided. Please follow your school's dress code.

### **Get Your Application In Early!!**

Each session is limited to 20 participants and will be filled on a first come, first serve basis. Accepted participants will be contacted by a C<sup>2</sup> Pipeline staff member to confirm participation. Those students that did not get a spot in the program will be placed on a waiting list and notified should a place become available.



To apply, visit: <http://forms.wayne.edu/54ee103f9fce6>

Applications open on March 1st, 2015 and will close on May 13th, 2015.



## C<sup>2</sup> Pipeline Warriors College Experience

**Dates: July 26th, 2015 through August 6th, 2015**

During this 11 day residential experience, rising seniors will step into the shoes of a new college student. A typical morning will include general "College 101" sessions. After lunch, participants will attend classes at one of the following: College of Nursing, College of Engineering, College of Pharmacy & Health Sciences, College of Social Work or School of Medicine. All afternoon classes will be taught by Wayne State University professors. One of the highlights of the camp is student participation on an interprofessional education (IPE) team. An IPE team will be made up of one student from each specialty area. Each team will be challenged with the task of addressing the health care disparity of diabetes by developing a research poster and project. Teams will compete at the end of camp for scholarship money to Wayne State University. The top three teams will be recognized at the Presentation Showcase & Gala.

**Open to students going into 12th grade.**

For more information or a brochure, please see a Site Coordinator.

To apply, please visit: <http://forms.wayne.edu/548f56c40e299>

The application opens on March 1st, 2015 and will close on May 13th, 2015.



## C<sup>2</sup> Pipeline Warriors College Experience Teacher Program

**Dates: July 26th, 2015 through August 6th, 2015**

During this 9 day experience, teachers step into the shoes of a new college student. A typical morning will include general "College 101" sessions. After lunch, participants will attend classes at one of the following: College of Nursing, College of Engineering, College of Pharmacy & Health Sciences, College of Social Work or School of Medicine. All afternoon classes will be taught by Wayne State University professors. One of the highlights of the camp is participation on an interprofessional education (IPE) team. An IPE team will be made up of one teacher from each specialty area. Each team will be challenged with the task of addressing the health care disparity of diabetes by developing a research poster and project. Teams will compete at the end of camp for "bragging rights". The top teams will be recognized at the Presentation Showcase & Gala.

Participants may earn up to **62 SCECHs** for their participation in the program.

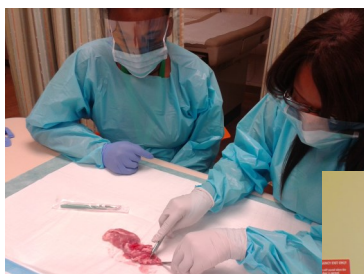
### **Get Your Application In Early!**

There are only twenty (20) slots available for this program, filled on a first come, first serve basis. **Geared towards secondary math, science, social studies and CTE educators and guidance counselors. All are welcome to apply.**

For more information or a brochure, please see a Site Coordinator.

To apply, visit: <http://forms.wayne.edu/54b7fcb2819c8>

The application opens on March 1st, 2015 and will close on May 13th, 2015.





**For More Information about ANY of our summer programs, please visit us at  
[www.c2pipeline.wayne.edu](http://www.c2pipeline.wayne.edu)**

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*Be sure to check us out on Instagram (@wsuc2pipeline), Facebook and Twitter  
(@wsuc2pipeline)*