

Irvine Valley College Honors Program

**University High School
January 2016**



IVC Honors Program Benefits

I. Enriched Educational Experience

II. Improved Transfer Success

I. Enriched Educational Experience

A. Academic Enrichment and transfer readiness

- Enriched curriculum
- Honors Program Courses
- Small, seminar-style classes
- Preparation for upper-division coursework
- Classes with other motivated students
- Great Honors faculty
- Free UCI/UCLA Library Cards
- Priority Registration

B. Community, Connectedness, and College Success

- College within a college (400/14,000 students; 3%)
- Honors Program Study Lounge (*new building coming!*)
- Student-student/student-faculty relationships
- Individual, tailored attention in and out of classroom:
 - Director
 - Counselor
 - Administrative Assistant
 - Faculty
 - Tailored communications

C. Special Opportunities

- Priority Registration
- Leadership
- Honors Program Scholarships
- Social, cultural activities
- Internships
- Research

- **Research Opportunities**
 - IVC/Saddleback Student Research Symposium
 - Southern California Conference on Undergraduate Research
 - Honors Transfer Council of California (HTCC) Student Research Conference (UCI)
 - Bay Honors Symposium (Stanford/Berkeley)
 - National and regional conferences

IVC Student Research since 2009:

- Grown from 9 to 160+ participants
- IVC Highest number of participating community college students in research conferences in the state (HTCC, SCCUR)
- Highest number of research awards: over \$8000
- Highest number of publications
- Moving towards expanded program

Benefits:

- Transfer, Scholarships, Internships, Jobs, Real-life experience

II. Increased Transfer Success

- IVC's/Honors Program's statewide/national reputation
- Completion of Honors Program recognized on transcript
- Completion qualifies students for special transfer agreements
 - **5 honors courses with overall and Honors GPA of 3.25**
 - **Can take up to 6 honors units and 2 honors courses at another school**
- **Guaranteed Priority Admission Review; Scholarship Opportunities**

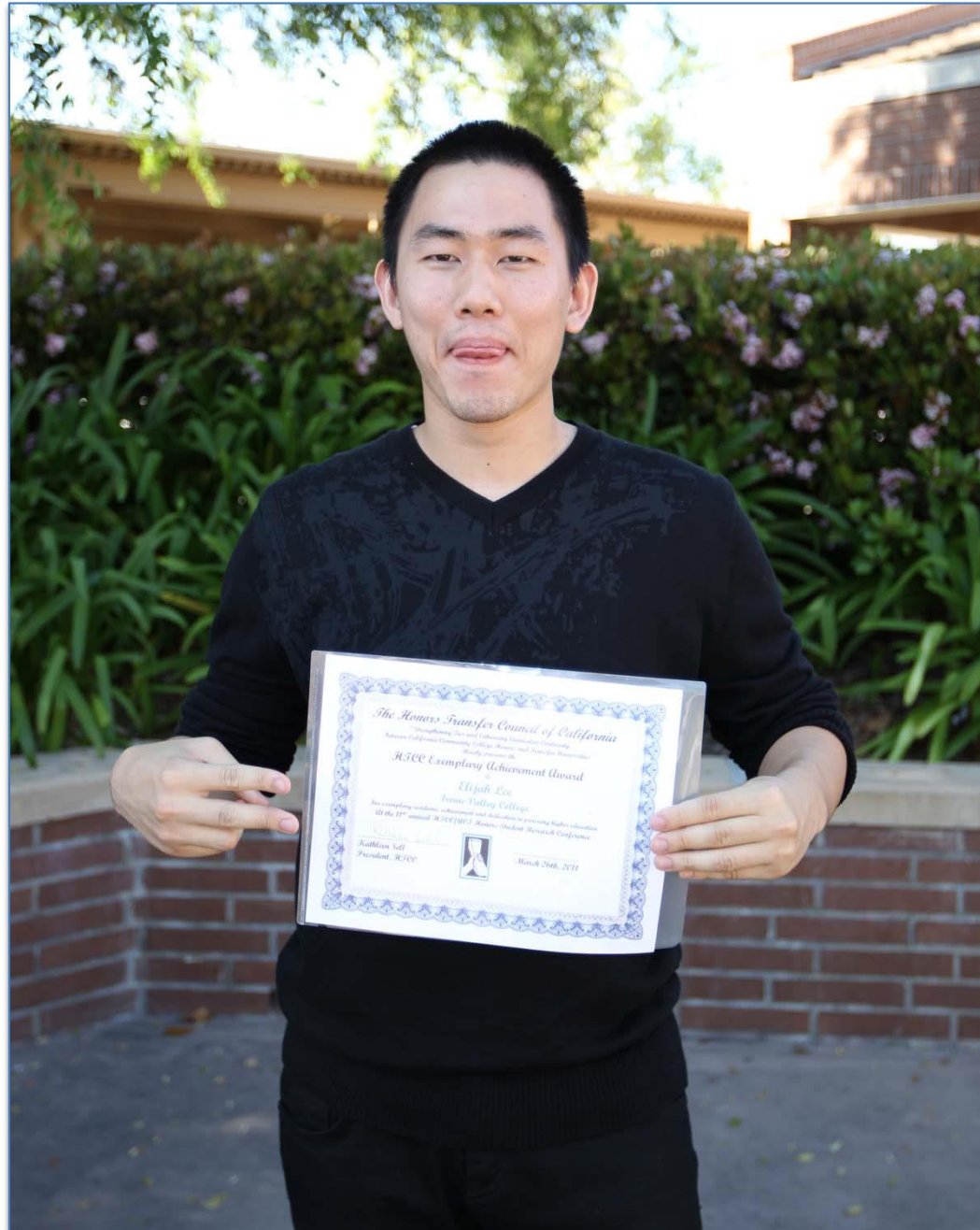
A Few Statistics

- 75-93% of IVC Honors Program graduates were admitted to UCLA between 2012 and 2015, versus an average of 16-19% of California freshman applicants and 22% for overall transfer.
- IVC has one of the highest number of TAP Scholars—2-3/16 with 50 participating colleges.
- Honors Program students transfer to Berkeley at around 50% vs. 17% for freshmen and 22% for overall transfer.

In the past five years, IVC HP students have been admitted to these great institutions, among others:

- All UCs and CSUs
- UCLA
- USC
- Harvey Mudd
- Caltech
- Stanford
- Brown
- Rice
- Cornell
- Johns Hopkins
- Northeastern
- Northwestern
- NYU
- Columbia University School of General Studies
- University of Buffalo
- University of Pennsylvania







The Co-Factor of LIM and Its Role in Her2-Positive Breast Cancer Progression

Sharon Syau¹, Michael Salmans², Roland J. Rodriguez¹, Bogi Andersen²
¹ Irvine Valley College, ² University of California, Irvine



ABSTRACT

The Co-factor of LIM (Clim) has previously been described as a transcription factor for the mammary gland development and also as a transcription factor for the mammary gland development and also as a transcription factor for the mammary gland development.

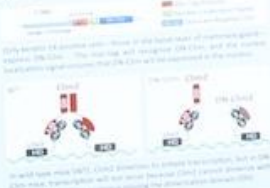
I investigated the function of Clim in mammary gland development and also as a transcription factor for the mammary gland development and also as a transcription factor for the mammary gland development.

INTRODUCTION / METHODS

I. Normal Mouse Mammary Gland Development



II. The Dominant-Negative Clim Mouse Model



RESULTS

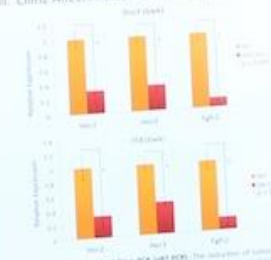
I. Clim2 Promotes Mammary Gland Development



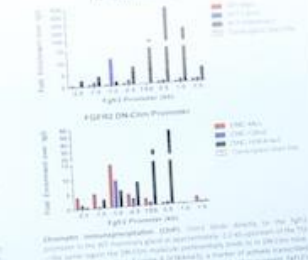
II. Clim2 Regulates



III. Clim2 Affects Her2, Her3, and Egr2 Expression



IV. Clim2 Directly Regulates Egr2 Expression



RESULTS (cont.)

V. Clim2 Promotes Tumor Progression



DISCUSSION / CONCLUSION

Clim2 is a transcription factor that promotes the progression of Her2-positive breast cancer by directly regulating Egr2, and indirectly regulating Her2 and Her3.

WORKS CITED

Sharon Syau, Michael Salmans, Roland J. Rodriguez, Bogi Andersen. The Co-Factor of LIM and Its Role in Her2-Positive Breast Cancer Progression. University of California, Irvine.









FOOD CONSUMPTION AND ATTITUDE: AN ANALYSIS OF GENDER DIFFERENCES ON FOOD ATTITUDES

DEN MARK MARQUEZ (STUDENT)
CHRIS HANSEN (MENTOR)

INTRODUCTION

The attitudes towards food are considered subjective experience and are commonly attributed to several biological and psychological determinants. However, the two differing genders have divergent attitudes about food and diet, and these attitudes impact one's eating practices and self-perception.

PREVIOUS STUDIES

Women are more likely than men to be conscious and concerned about the food they eat and are more likely to eat healthy and nutritious food.

Although both men and women have viewed unhealthy foods as bad, women are more likely to refrain from eating unhealthy foods more than men.

Women are more likely than men to frequently perform dietary measures to engage in health promoting behaviors in order to control body weight.

Men tend to consider food as just part of their daily routine and go to the pleasure (e.g. taste, convenience) it gives their body rather than to their health and nutrition.

THE PRESENT RESEARCH

The present study examined the attitudes of differing biological genders and its implications towards one's health and eating practices.

HYPOTHESES

There will be a significant difference in the general attitudes of men and women towards food.

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2015-16 HTCC Transfer Partners

- Amherst College
- CSU-Fullerton Honors Program
- CSU-Fullerton Business Honors Program
- Chapman University
- Connecticut College
- Gonzaga University
- La Sierra University Honors Program
- Loyola Marymount University
- Mills College
- Occidental College
- Pitzer College
- Pomona College
- San Diego State University Honors College
- Scripps College
- Trinity College
- University of Arizona
- UC Irvine
- University of La Verne
- University of San Diego
- Whitman College
- Whittier College

Transfer Advantage: UCLA and UCI

- **UCLA Transfer Alliance Program (TAP)**
 - The TAP Advantage: Priority Admission Review; Alternate major
 - TAP SCHOLARSHIPS
- **UCI's Honors-to-Honors (3.7+ GPA)**
 - Guaranteed admission
 - Regents Scholarship
 - Automatic admittance to UCI Campuswide Honors Program
 - Guaranteed Housing
 - Senior Thesis
- **UCI Honors Transfer (3.25-3.69 GPA)**

Sounds great! How do I join?!

- Complete IVC Matriculation by **April 15**
- Submit Honors Program Application by **April 20** (for priority registration)
 - Official High School Transcript showing *non-weighted academic* GPA of 3.25 or greater
 - Placement in Writing 1 through IVC Assessment
 - Letter of recommendation from counselor or teacher
 - Essay
 - *GPA and Writing 1 requirement may be overridden by SAT of 1890 or ACT of 28

Don't qualify yet? No worries.

- **Apply as a continuing IVC student**
 - Complete 12 transferable units at IVC with a 3.25 GPA
 - Meet Writing 1 eligibility
 - Submit Honors Program application and supporting materials
 - Applications accepted year-round
- ***Can take Honors classes before joining program.***

Questions?

Visit our website, give us a call, or come visit!

See brochure for contact information.

- Pooya Khosravi (Uni High '15)
- Nahoko Naka (Uni High '15)



