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The 5<sup>th</sup> Annual Community College  
**Honors Research Symposium**  
at the University of California, Berkeley April 28, 2012

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## Conference Committee

<b>Bernie Day</b>	Foothill College
<b>Patty Dilko</b>	Cañada College
<b>Katharine Harer</b>	Skyline College
<b>Sarah Harmon</b>	Cañada College
<b>Carolyn Jackson</b>	Cabrillo College
<b>Matthew Kennedy</b>	City College of San Francisco
<b>Candace Klaschus</b>	Las Positas College
<b>Sami Kudsi</b>	City College of San Francisco
<b>Joyce Lee</b>	Skyline College
<b>Lillian Marrujo-Duck</b>	City College of San Francisco
<b>Eva Mo</b>	Modesto Junior College
<b>Douglas Parada</b>	University of California, Berkeley
<b>Jennifer Saito</b>	Los Medanos College
<b>Sue Sanders</b>	University of California, Berkeley
<b>Keith Schoon</b>	University of California, Berkeley
<b>Christina Tinsley</b>	University of California, Berkeley

## Acknowledgements

The Bay Honors Consortium thanks the Center for Educational Partnerships at the University of California, Berkeley for supporting this opportunity for community college honors students. We also acknowledge the following people for their invaluable contributions. They rock.

<b>Marsha Jaeger</b>	Director, Center for Educational Partnerships, UC Berkeley
<b>Oscar Dubon</b>	Professor,UCB Department of Materials Science and Engineering
<b>Eng Saw</b>	Database Design, Los Medanos College
<b>Eloine Chapman</b>	Web Site Development, Los Medanos College
<b>Curtis Corlew</b>	Design Consultant, National Treasure, Los Medanos College
<b>Connie Tolleson</b>	Program Layout, Los Medanos College
<b>Ricoh Printing</b>	Program Printing, Las Positas College
<b>Halau Ka Ua Tuahine</b>	Mahea Uchiyama Center for International Dance, Berkeley, CA

**Monica Hernandez, Ashley Cohen, Alex Garcia**

Los Medanos and Cañada College transfers to UC Berkeley. Go Mustangs! Go Colts! Go Bears!



Dear Honors Research Symposium Guests,

Welcome to the 5<sup>th</sup> Annual Honors Research Symposium for community college honors students. We are pleased to host the symposium at UC Berkeley for the second time and to have this opportunity to offer our congratulations to you on your achievements, your original research and your hard work in challenging Honors courses.

Today's presentations give us an example of the great talent that exists among the many transfer students at community colleges across California. It is clear that you students have the potential to be the future researchers, scholars and leaders of our state, nation and world. With your experience in research and achievements in the honors program, we want to strongly encourage you to continue on the pathway of academic excellence and to apply to Berkeley and other top research universities.

Berkeley is strongly committed to admitting transfer students, who typically make up about one-third of our fall class. Among those admitted are many who are the first in their family to go to college, come from low-income families or have otherwise faced educational barriers. Once enrolled at Berkeley, transfer students do very well, graduating with similar grade point averages and at similar rates as students who started Berkeley as freshmen. The wealth of life experiences and diverse perspectives that community college transfers bring to the campus contributes greatly to the quality of discourse in the classroom and to the rich and vibrant fabric of the UC Berkeley community.

Berkeley has a number of resources to assist you in preparing and applying for transfer. Our Community College Transfer Center (CCTC) provides assistance to students across the state and offers in person drop-in advising to students in many Northern and Southern California community colleges. The Center also houses the very successful Transfer Alliance Project (TAP), which offers on-going assistance and academic enrichment opportunities to selected high achieving community college students who are the first in their family to go to college or who have faced significant educational barriers. For further information about CCTC or TAP, please contact Director Keith Schoon, [schoon@berkeley.edu](mailto:schoon@berkeley.edu) (510) 643-7159. And once you are here at Cal, our Transfer, Re-entry and Student Parent Center offers a variety of programs and services that are designed to help transfer students succeed.

Again, we are delighted to have this opportunity to celebrate your achievements and welcome you to Berkeley. Enjoy your day!



Anne De Luca  
Associate Vice Chancellor  
Admissions and Enrollment



Marsha Jaeger  
Executive Director  
Center for Educational Partnerships





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## Schedule of Events

**Opening Ceremony . . . . . 9:00-9:30 a.m.**

**Dr. Candace Klaschus, Emcee**  
*Las Positas College Honors Director*

**Professor Oscar Dubon, Welcome Comments**  
*UC Berkeley Department of Materials Science and Engineering*

**Monica Hernandez, Keynote Speaker**  
*Los Medanos College transfer to UC Berkeley*

**Session I Presentations . . . . . 9:45-10:45 a.m.**

**Session II Presentations . . . . . 11:00-12:00 p.m.**

**Lunch . . . . . 12:00-1:00 p.m.**

**Session III Presentations . . . . . 1:15-2:15 p.m.**

**Closing Ceremony . . . . . 2:30-3:30 p.m.**

**Performance by Halau Ka Ua Tuahine**  
*Mahea Uchiyama Center for International Dance*

**Transfer Survival 101**  
**Ashely Cohen & Alex Garcia**  
*Cañada College transfers to UC Berkeley*

**Heslet Scholar Award**

**Bay Honors Consortium Honors Faculty of the Year Award**

**Marsha Jaeger, Closing Comments**  
*Director, UC Berkeley Center for Educational Partnerships*

**Admissions Workshop . . . . . 3:45-4:30 p.m.**

**Keith Schoon, Director, UC Berkeley Community College Transfer Center**





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**Session I Presentations** 9:45-10:45 a.m.

All presenters and attendees are expected to arrive no later than 9:45 a.m. and stay for the entire session. Please refrain from entering the room once the session is in progress.

## Room 160

Amy Y. Lin

*City College of San Francisco*

*Mentor: Louis Schubert*

### Confucius' *Analects*: Conflicting Translations

An exploration of multiple meanings and different perspectives among scholars, offering insights into Chinese culture and Confucian ideology.

Jonathan Homrighausen

*Modesto Junior College*

*Mentor: Jenny Netto*

### A Linguistic Analysis of Paul's Conversion

An examination of how religious experience is defined by social and linguistic context.

## Room 156

Gabriel Lieberwirth

*Los Medanos College*

*Mentor: Daniel Moriel Ramirez*

### Fruit of the Femme Fatale

The Apple as Metaphor for Female Sexuality and Power

An analysis of feminine power in four cultures seen through the apple's symbolic significance in each of their mythologies.

Hillary Cleary

*Cabrillo College*

*Mentor: Michael Mangin*

### Sensual Sustenance and Holy Hunger

An investigation of the relationship between a medieval woman's sexuality and her role as a provider of food, offering insights on idealized body images for both medieval and modern women.

David Cullison

*Los Medanos College*

*Mentor: Alex Sterling*

### Sex Lies and Ink

How Tattoo Sub-Culture Deceives Women

A discussion of the paradoxes within tattoo culture's claims and deceptive messages about beauty and materialism

## Room 105

Robert Jackowski

*Las Positas College*  
*Mentor: Candace Klaschus*

### The Warrior Ethos Through Time

An investigation into warrior culture in ancient and modern times with an emphasis on Spartan and Marine Corps traditions.

Ethan Aines

*Las Positas College*  
*Mentor: Carmen Cuellar*

### Carousing With the Ancients

A review of archaeological evidence of ancient beer and wine production in the Fertile Crescent and the Mediterranean.

James Henrick

*Cabrillo College*  
*Mentor: Michael Mangin*

### How Commercialization Claimed the Alehouse for Men

A presentation of how and why the traditional female role of brewers was eliminated in the last half of the sixteenth century in Britain.

## Room 106

Rachel Gordon

*City College of San Francisco*  
*Mentor: Diana Scott*

### Hebrew Ritual Art and the Pagan Influence

An analysis of Jewish artifacts and sites, demonstrating the influences of Pagan aesthetics and ideology.

Alice Anderson

*Cañada College*  
*Mentor: Denise Erickson*

### Art From Inside the Holocaust

An examination of how art created in internment/death camps and in hiding challenged the ideas of classical humanism, emphasizing meaning over form.

Christopher Johnson

*City College of San Francisco*  
*Mentor: Diana Scott*

### Constructing Communism

Soviet Constructivism and the Socialist Object

An overview of Soviet Constructivist Art from 1917 to 1934, its relation to Bolshevik policies and its eventual suppression during Stalin's great purges.

## Room 109

Shawn Aminirad

*West Valley College*  
*Mentor: Janine Gerzanics*

### Death and Gender in Shakespearian Tragedy

An analysis of how a character's gender impacts the circumstances of his/her death in Shakespearian tragedies.

Glen Rickerd

*Los Medanos College*  
*Mentor: Jennifer Saito*

### Pride, Prejudice and Paradigms

What a 19<sup>th</sup> Century Novel Reveals about a Modern Thinking Problem

An examination of cognitive and inductive fallacies as illustrated by Jane Austen's 1813 novel *Pride and Prejudice*.

Kayla Sikes

*Cabrillo College*

### Neoclassicism Versus Modernism

Judging John Donne's Poetry

A presentation of how literary philosophies predominant in the eras of Samuel Johnson and T.S. Eliot shaped criticism of John Donne's poetry.

## Room 179

Carlos Ortega

*Cañada College*  
*Mentor: Paul Roscelli*

### Is Marijuana a No-Brainer?

A presentation of comparative research, using economic principles and data analysis, examining the prohibition of alcohol versus marijuana.

Judith Mildner  
Asmahan Maayeh

*Foothill College*  
*Mentor: Benjamin Stefonik*

### Marijuana: The Actual and Perceived Effects on College Students' Academic Performance

A study comparing student beliefs about the effects of marijuana on academic performance to the actual effects.

## Room 182

Lisa Razon

*Skyline College*

*Mentor: Shari Bookstaff*

### Rehabbing Man's Best Friend

A presentation on achieving post-operative independence for dogs that have undergone repair of ruptured ligaments.

Jenny Minh-Ai Phamhi

*Skyline College*

*Mentor: Shari Bookstaff*

### Mirror Therapy After Brain Injury

An investigation of the effectiveness of Mirror Therapy in helping brain injured patients develop movement in paralyzed hands.

Nikita Michelsen

*Cañada College*

*Mentor: Lisa Palmer*

### Greening Cañada

A study of how individuals can make environmental changes in their lives to create a more sustainable campus.

## Room 183

Noimee Lasat

*Skyline College*

*Mentor: Nick Kapp*

### Bioluminescence

A Path Towards a Brighter Future

An exploration of the complex chemical process of bioluminescence and its practical application to our everyday lives.

Anna Prado

Giorelle Diokno

Jeraldine Gutierrez

*Los Medanos College*

*Mentor: Mitch Schweickert*

### Infested and Infected: Insect Warfare

An examination of entomological warfare and measures the government could take to better protect its citizens.

## Room 189

Adam Rabago

*Footbill College*

*Mentor: Konnielyn Feig*

### The Hero and the Tyrant

The Legends of Vespasian and Domitian

An analysis of two important yet relatively unknown Roman emperors and their legacies in saving the Empire from economic and political ruin.

Dor Carpel

*Footbill College*

*Mentor: Konnielyn Feig*

### The Holocaust in Ukraine

Up Close and Personal

A first-hand account from a survivor of the Ukrainian Holocaust that lends a more human understanding to this historical event.

Karina Gonzalez de Graaf

*Cañada College*

*Mentor: Carol Rhodes*

### Pura Vida

Costa Rican Sustainable Practices in the Coffee Trade

An investigation into renewable agricultural practices along with a cost/benefit examination of coffee production, demonstrating attributes of sustainability.

## Room 187

Maggie Sager

*City College of San Francisco*

*Mentor: Diane Scott*

### The Oriental Woman and Colonial Discourse in 19<sup>th</sup> Century French Painting

An examination of the way depictions of oriental women in French painting reinforced the moral legitimacy of colonialism.

Jennifer Akers

*Cañada College*

*Mentor: Denise Erickson*

### Looking Inward, Looking Outward

The Art of the Window

An investigation of the window as it has been used in art throughout history and its underlying symbolism as a portal.



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## Session II Presentations

11-12 p.m.

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## Room 160

Nick Surber

*Cabrillo College*

*Mentor: Michael Mangin*

### Agronomy and Ptolemaic Public Policy

Social Mobility in Hellenistic Egypt

An examination of how the evolution of the military created opportunities for soldiers to acquire land and increase their social standing.

Emily Osborne

*MiraCosta College*

*Mentor: Christopher Sleeper*

### All the King's Men

The Loyalist Perspective During the Revolutionary War

A presentation looking at the original intention of the framers of the Constitution to increase seats in the House of Representatives in relation to population.

Paul Shibley

*Crafton Hills College*

*Mentor: Jennifer Floerke*

### The House of Representatives

Problems of Non-proportional Representation

A presentation looking at the original intention of the framers of the Constitution to increase seats in the House of Representatives in relation to population.

## Room 156

Stefan Elgstrand

*Los Medanos College*

*Mentor: Kasey Gardner*

### Fascism on the Rise in the British National Party

An examination of how an extremist political party (BNP) has recently gained support and the implications for American politics.

Helen Tang

Eden Alemayehu

*Footbill College*

*Mentor: Konnilyn Feig*

### The Underestimated and Under Prosecuted

An investigation of Nazi women who contributed to the events of the Holocaust, including a simulated exercise in which attendees play the role of jury.

## Room 105

Zahra Alamire

*Irvine Valley College*

*Mentor: Lewis Long*

### Neuromarketing and the Science of Consumptive Behavior

An investigation into neuromarketing's subconscious effects on consumer behavior and the implications of these one-to-one marketing techniques on the human brain.

Jared Sagaga

*Skyline College*

*Mentor: Ilkka Koskela*

### Oobleck—a Mysterious Substance

A study of the unusual properties of Oobleck, a fluid made by mixing cornstarch and water, with applications to the U.S. military's efforts to create a liquid armor to repel bullets.

Glen Rickerd

*Los Medanos College*

*Mentor: Liana Padilla-Wilson*

### Who Ya Gonna Call?

A presentation of an ethnography about ham radio as subculture and disaster resource.

## Room 106

Daniel McKay

*Grossmont College*

*Mentor: Teresa Jacob*

### Putting the Community Back in Community College

A study looking at the number and nature of stressors for community college students and student perceptions that peer counseling would be the most effective method of relief.

Edgar Cook

Aida Gazalieva

*Foothill College*

*Mentor: Benjamin Stefonik*

### Self Perception and Writing Performance

An examination of how self-perceptions and expectations play a significant role in student performance.

## Room 109

Blanca Hernandez

*Los Medanos College*  
*Mentor: David Zimny*

### Textbook Wars

How Darwin's Evolution Theory Turned Science Education Into a Political Battleground

A comparative analysis of four major U.S. Supreme Court cases on the teaching of evolution with implications for the current textbook debate in Texas.

Debora van Eckhardt

*Los Medanos College*  
*Mentor: Joann Rossi*

### Space Matters

Incorporating Neuro-science Findings into Classroom Design

An investigation into the new field of "cognitive architecture" to determine the best physical learning environment for elementary students with dyslexia, including the presentation of a reduced scale model classroom.

Sophia Brink

*Cañada College*  
*Mentor: Carol Rhodes*

### Do All Autistic Children Need Medication?

A comparison of alternative treatments, such as therapies, diets, and a stabilized environment, with commonly used medications that treat autistic children.

## Room 179

Cesare Jacinto

*Los Medanos College*  
*Mentor: Alex Sterling*

### Undocumented Immigrant Amnesty

A proposal for conditional amnesty grounded in Jeremy Bentham's ethical theory of Utilitarianism.

Nestor Cerda

*City College of San Francisco*  
*Mentor: Matthew Kennedy*

### Behind Closed Doors

Breaking the Social Contract of Silence Among LGBT Undocumented Youth

An examination of the extra challenges faced by undocumented youth who are part of the LGBT community, and an exploration of the current social movements to aid youth in these communities.

Deborah Gartside

*Sacramento City College*  
*Mentor: Patty Blomberg*

### Bi Online: Bisexuality in the Internet Age

An analysis of how the challenges of bisexuals to achieve the same level of acceptance as homosexuals lead many to explore their sexuality in supportive online communities.

## Room 182

Jessica Vaughn

*Los Medanos College*  
*Mentor: Kasey Gardner*

### The Green Scare

Poison Ivy as Ecofeminist Caricature

An exploration of Batman villainess Poison Ivy as the embodiment of American fears and misconceptions about the ecofeminist movement.

Richard Cappel

*American River College*  
*Mentor: Robert Lyman*

### The "Open Universe"

Ethics of Frank Herbert's Dune

A presentation of the humanist and existential values found in the best science fiction, with Dune as an example.

Andrew Pimentel

*City College of San Francisco*  
*Mentor: Steven Mayers*

### The Misanthropy of Miyazaki

Rejecting the "Real World" in Favor of an Animated Utopia

An examination, applying critical theory, of the environmentalist themes present in the films of Hayao Miyazaki.

## Room 183

Ziah Grace

*Cabrillo College*  
*Mentor: Letitia Scott-Curtis*

### Barbarians and Chivalry

An analysis of the similarities of Beowulf and Sir Gawain derived primarily from their shared Christian themes.

Wayman Barnes

*Skyline College*  
*Mentor: Jim Bowsber*

### Homer and the Mid-life Crisis

A discussion of Homer's epic poem, *The Odyssey*, through the lens of developmental psychology's theories of mid-life crisis.

Andre Thompson

*Los Medanos College*  
*Mentor: Jennifer Saito*

### Harry Potter and the Magic of Denial

An exploration, utilizing the *Harry Potter* series, to understand how paradigms develop and are used to mask politically inconvenient truths.

## Room 189

Aidan O'Leary

*Cabrillo College*

*Mentor: Michael Mangin*

### Painting by Numbers

How Sir John Herschel's Science Changed Art

An examination of Herschel's scientific discoveries and their influence on nineteenth century paintings and photography.

Reginald Johnigan

*Los Medanos College*

*Mentor: Curtis Corlew*

### Drip-off or Rip-off:

Should Jackson Pollock Get Credit  
for Developing His Signature Painting Technique?

A comparative analysis of the famous "drip paintings" of Jackson Pollock with those of his contemporary, Janet Sobel.

## Room 187

Joshua West

*Los Positas College*

*Mentor: Thomas Orf*

### Moving to the Beat

The Evolution of Hip Hop from Coast to Coast

An exploration of Hip Hop's journey, from its origins in 1970's New York through various cultural regions across the United States to Oakland, California.

Jameson Miller

*Los Medanos College*

*Mentor: Jennifer Saito*

### From Pong to Pyongyang

Understanding Despotism Through a Video Game

A psychological profile of modern dictators through an analysis of the videogame, *Bioshock*.

Jonathan Homrighausen

*Modesto Junior College*

*Mentor: Richard Hanson*

### Buddhist-Catholics

A Case Study of Dual Religious Practice

A study of the individual experience and social context of American Catholics who turn to Zen Buddhism.



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## Session III Presentations

1:15-2:15 p.m.

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## Room 160

Ralf Schuster

*Grossmont College*  
*Mentor: John Oakes*

### Nostrils and Gender

A study evaluating the question of whether differences exist between the nostrils, and the genders, when identifying common household odors.

Garcia Sinclair

Lisa White

*City College of San Francisco*  
*Mentor: Stephanie Robinson*

### Scent and Memory

An exploration of the use of scent as a trigger for recreating memories, using an interactive art installation as a catalyst for dialogue.

## Room 156

Rose Ramirez

*Saddleback College*  
*Mentor: Alannah Rosenberg*

### The Magnolia Myth

An analysis of race and slavery in American history textbooks of the 1930s and the influence on a generation of white Southerners.

Jazmena Bannag

*Skyline College*  
*Mentor: John Ulloa*

### More Than Beads and Feathers

Misconceptions of Mardi Gras

An investigation into the multicultural traditions celebrated by Mardi Gras in New Orleans.

Lien Gray

*MiraCosta College*  
*Mentor: Christopher Sleeper*

### The Free People of Color in Antebellum New Orleans

An historical examination of the social impact of New Orleans' racially stratified hierarchical structure and the unique role played by freed slaves

## Room 105

Aaron Thiele

*College of the Redwoods*  
*Mentor: George Potamianos*

### The Spanish-American War in Print

A primary source analysis of newspaper coverage of the war to show that the American press was not a unitary war apparatus.

Laurel Hansen

*Los Medanos College*  
*Mentor: Cindy McGrath*

### Gutenberg to Zuckerberg

How Communication Media Molds Political Messages

An exploration into groundbreaking publishing technology – is the medium still the message?

Brian Iniguez

*Los Medanos College*  
*Mentor: Kasey Gardner*

### The Viral Wasteland

The Implications of YouTube's Oversaturation

A discussion of the cognitive dangers that YouTube poses for viewers through oversimplified programming.

## Room 106

Anne Zavala

*Sacramento City College*  
*Mentor: William Doonan*

### Biocultural Evolution

Using Bee Colony Collapse as a Case Study

A presentation of the causes and effects of the complex interwoven system of culture with biology.

H. Nicole Anderson

*City College of San Francisco*  
*Mentor: Sami Kudsi*

### Can a Whole Foods Vegan Diet Prevent Heart Disease?

An investigation into the relationship between diet and heart disease and a description of the founding of an Overeaters Anonymous Vegan organization.

Nicole Nahigian

*Skyline College*  
*Mentor: Cindy Moss*

### Sea Lice Sandwiches

What Do We Know about Salmon Farming?

An examination of awareness and community response to the human and environmental toxicological dangers of salmon farming.

## Room 109

Giorelle Diokno

*Los Medanos College*  
*Mentor: Kasey Gardner*

Mea Culpa Monica

What It Means to be Apologetic

A comparison of Bill Clinton's self-defense in his Monica Lewinsky apology speech to that of contemporary politicians involved in sex scandals.

Victoria Charles  
April LaLone

*San Diego Mesa College*  
*Mentor: Joline Bourdages*

Sympathy or Humor

Which Will Get You More?

A survey analyzing altruistic behavior of the general public towards homeless people whose sign verbiage is humorous rather than asking for sympathy

## Room 179

Julia Kelly

*MiraCosta College*  
*Mentor: Christopher Sleeper*

Rethinking the Spanish Inquisition

An exploration of the 16<sup>th</sup> century trial of Maria de Cazalla reveals that the Spanish Inquisition allowed for detailed, rigorous and sometimes successful defense of its suspects.

Keven Jones

*Modesto Junior College*  
*Mentor: Eva Mo*

Mythological Nostalgia:

The Household in the Early Republic

A critical analysis of the restrictions the American Revolution imposed on women's liberty.

Kirsten Blanco

*Saddleback College*  
*Mentor: Gina Shaffer*

A Mother's Love:

Factors Influencing Maternal Filicide

An examination of social issues such as stigmas, single motherhood, and lack of financial and educational resources contributing to acts of maternal filicide.

## Room 182

Jeanna R. Dunn

*Orange Coast College*  
*Mentor: Lee Gordon*

### Water Usage Patterns: A Restructured Model

A discussion of how to restructure water pricing to more accurately reflect usage in California.

Karina Gonzalez de Graaf  
Jennifer Akers

*Cañada College*  
*Mentor: Paul Roscelli*

### The Democratization of Information

How Well Do We Know Where We Live?

A survey of college students to determine knowledge of their communities and the design of walking tours to educate Peninsula residents.

## Room 183

Ladan Zolfaghari

*Irvine Valley College*  
*Mentor: Claudia Martinez-Plambeck*

### Hey Science, Am I In Love?

An explanation of the scientific and cultural roots of love.

Andrew Pimentel

*City College of San Francisco*  
*Mentor: Steven Mayers*

### False Documents

The Unreliable Narratives of Ryunosuke Akutagawa

An analysis of Akutagawa's recurring theme of the subjective nature of reality in two short stories, "In a Bamboo Grove" and "O-Gin".

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Ezra Crowley

*City College of San Francisco*  
*Mentor: Alexandra Teague*

### Jay Z is Robert Frost

The Metamorphosis of Traditional  
Form Poetry in the 20<sup>th</sup> Century

An examination of the decline of traditional form poetry in pop culture and the artistic, economic and cultural events that influenced its reemergence in the form of hip hop music.

## Room 189

Matthew Griffin

Daniela Dean

*MiraCosta College*

*Mentor: Melissa Collins-Porter*

### Oedipus-aureus Rex: The Real Jurassic Park

A psychoanalytic interpretation inspired by Slavoj Žižek's critique of Steven Spielberg's film, *Jurassic Park*.

Nefertiti Van der Riese

*Foothill College*

*Mentor: Scott Lankford*

### Hate, Self-Hate and the Romantic Iconography of Race in Fiction

An evaluation of racial “manichean” hierarchies in Edgar Allan Poe's *The Fall of the House of Usher*.

## Room 187

David Buickian

*Glendale Community College*

*Mentors: Thomas Voden*

*Michael Harnett*

### Cryptology

An Analysis of Encryption Techniques

A critical study of various encryption techniques, identifying vital criteria to select the ideal encryption software

.

Robert Neumann

*Foothill College*

*Mentor: Scott Lankford*

### Aftermath of a Spill

A comparative investigation into each of the three major oil spills in U.S. history

Jessica Barrog

*City College of San Francisco*

*Mentor: John Delgado*

### A Day in the Life of a Female Engineer

An examination of the obstacles female engineers face today.



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The 5th Annual Community College

# **Honors Research Symposium**

at the University of California, Berkeley

April 28, 2012

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