

*Seventh Annual  
Dominican University  
of California*

*Academic Showcase*

**April 2006**



## Academic Excellence Presentations

### Wednesday, April 19 – Creekside Room

- 11:45 am Roger Forte**  
*Leadership Development Needs Assessment for Small Businesses  
in the Hispanic Community*  
Faculty mentors: Christopher Leeds, Denise Lucy
- 12:05 pm Luanne Linnard-Palmer**  
*Investigation of Nurses' Reports of Symptom Severity and  
Symptom Management for Obese Hospitalized Children*
- 12:25 pm Jayati Ghosh and Diana Paula Hallare**  
*Vulnerability of Women to HIV/AIDS in India*

### Thursday, April 20 – Creekside Room

- 11:45 am LeeAnn Bartolini, Crystal Davis, Matt Davis,  
Afshin Gharib, Maya Goode, Gail Matthews,  
and Bill Phillips**  
*Internationalizing the Psychology Curriculum*
- 12:05 pm Mohammed El Majdoubi, Maggie Louie, and  
Diara Spain**  
*Developing a Cell Culture Model for Teaching Biology*

### Monday, May 1 – Angelico Concert Hall

- 8:00 pm Craig Singleton, June Oh, Pamela Carey,  
Marian Marsh, and Ken Crawford**  
*An Evening of Mozart*

## CLIENT Faculty Presentations

### April 21, 11:30 am – 1:30 pm, Creekside Room

- Bonnie Napier** - *Diversity, Beliefs, Healing & Evidence-  
Based Healthcare: Meeting Deadlines for a Book  
Contract Despite Life's Little Interruptions*
- Sister Patricia Dougherty** - *Bits and Pieces: Research to  
Publication*
- Diara Spain** - *Ossification and the Mutable Collagenous  
Tissue of Sea Cucumbers*

### April 28, 11:30 - 1:30 pm, Creekside Room

- Leslie Ross** - *Feline Art History and Other Tales by L. Ross*
- Jayati Ghosh** - *India in Transition: Economic  
Restructuring and Foreign Direct Investment*

## Graduate Academic Scholars

- Barbara Barash** MS in Counseling Psychology  
Faculty Mentor: Chuck Billings
- Colette Carter** MBA in Strategic Leadership  
Faculty Mentor: Chris Leeds
- Edith Gutterres** MS in Education  
Faculty Mentors: Rande Webster and Madalienne Peters
- Mary Hansen** MS in Nursing  
Faculty Mentor: Barbara Ganley
- Kim Imsdahl** MS in Occupational Therapy  
Faculty Mentor: Ruth Ramsey
- En-Ping Lin** MBA in Global Strategic Management  
Faculty Mentor: Chris Leeds

## Student Oral Presentations

### Monday, April 24 – Creekside Room

- 12:05 pm Camerin Ross**  
*Evaluating a Tripartite Non-Diet Approach for Treating Eating Disorders: the Beyond Hunger Model*  
Faculty Mentor: Gail Matthews
- 12:25 pm David Rosenbaum**  
*Perfectionism and Obsessive-Compulsive Behaviors*  
Faculty Mentor: Gail Matthews
- 12:45 pm Ashley McClellan**  
*Understanding Tamoxifen Resistance in Breast Cancer Cells*  
Faculty Mentor: Maggie Louie

### Tuesday, April 25 – Creekside Room

- 12:05 pm Meghan Peck**  
*Using Marine Invertebrates in Investigative Biology: Modules to Educate Young Students*  
Faculty Mentor: Diara Spain
- 12:25 pm Charla Scott**  
*Investigation of Ovarian Cell Death in *Drosophila Melanogaster**  
Faculty Mentors: Diara Spain and Sibdas Ghosh
- 12:45 pm Diana Hallare**  
*Characterization of the Cadmium-Dependent Activation of CDR-1 in *Caenorhabditis Elegans**  
Faculty Mentor: Christelle Sabatier

### Wednesday, April 26 – Creekside Room

- 12:05 pm Pauline Reif**  
*Mary Magdalene: Woman of Consequence*  
Faculty Mentor: Marguerite Rigoglioso
- 12:25 pm Carol Roselle**  
*Heart and Mind of Enlightenment: a Study of the Bodhisattva Ideal in Mahayana Buddhism*  
Faculty Mentor: Philip Novak
- 12:45 pm Kim Belfor**  
*Impact of Animal-Assisted Therapy on Moods in the Elderly*  
Faculty Mentor: Gail Matthews

### Thursday, April 27 – Creekside Room

- 12:05 pm Desareé Williams**  
*Movement of *Phytophthora Ramorum* Among *Camellia SPP* in a Nursery Setting*  
Faculty Mentor: Sibdas Ghosh
- 12:25 pm Sara Batres**  
*Effects of Decreased Activity of Gonadotropin-Releasing Hormone Neurons on Fertility and Obesity in Middle-Aged Male Transgenic Rats*  
Faculty Mentor: Mohammed El Majdoubi
- 12:45 pm Faith Hall-Glenn**  
*Overexpression of the Ferric Uptake Regulator in *Staphylococcus Aureus* and Effects on Growth and Expression of Iron Surface Determinant B (ISDB)*  
Faculty Mentors: Sibdas Ghosh and Diara Spain

## Student Art Exhibit

April 20-28 - San Marco Gallery, Alemany Library

Melissa Dilger  
Julia Mayda  
Talia Roven

Megan Johnson  
Rhea Parrilla  
Yu Shan Wu

## Honors Ceremony

April 28, 4:30-6:30 pm - Angelico Concert Hall - by invitation

## Dominican Scholars & Mentors Dinner

May 1, 6:00-8:00 pm - Creekside Room - by invitation

## Student Poster Presentations

April 26, 4:00-6:00 pm - Conlan Recreation Center

Jonathan Abesamis, David Ramirez III, Taylor  
Welty BS in Biology  
*Effects of Cadmium on Photosynthetic Apparatus  
in Brassica Rapa*  
Thesis Advisor: Sibdas Ghosh

Jamie Agbayani MS in Occupational Therapy  
*Baby's First Three Years: A Child's Development Resource  
Guide for Parents with Intellectual Disabilities*  
Thesis Advisor: Bonnie Napier

Lawrence Aguiar BA in Psychology  
*Birth Orders Effect on Self-Esteem and Social Desirability*  
Thesis Advisor: Bill Phillips

Monika Alas, Alma Martinez, Natalie Plaza,  
Bridget Gengler, Sandra O'Dell, Richard  
Trammel, Rosanna Hanson, Vania Coelho BS in Biology  
*Preliminary Analysis of the Algal Epifaunal Communities  
in Windward Park and Non-Park Areas  
in Little Cayman Islands*  
Thesis Advisor: Vania Coelho

Elizabeth Allison BA in Politics and Psychology  
*The Gender Election: The Relationship Between Candidate  
Characteristics and Voter Support*  
Thesis Advisors: Gail Matthews, Christian Dean

Delialah Island Allman BA in Psychology  
*Risk Behavior Across Dog Owners and Sports Participants*  
Thesis Advisor: Bill Phillips

Ofek Bar-Ilan, Jacqueline Maravilla, Elena  
Romero, Alex Plascencia, Eric Hinderleider BS in Biology  
*Altered Gonadotropin-Releasing Hormone Secretion is  
Associated with Infertility and Obesity in Middle-Aged  
Female Transgenic Rats*  
Thesis Advisor: Mohammed El Majdoubi

Dominique Bartow BS in Nursing  
*Nurse's Opinions and Practice Regarding Family-  
Witnessed Resuscitation*  
Thesis Advisor: Linda Gabriel Marin

Rollyn Bautista BS in Nursing  
*Safe Health Practices for Adolescents*  
Thesis Advisor: Nan Ground

**Kim Belfor** BA in Psychology  
*The Effects of Animal-Assisted Therapy On Mood In the Elderly*  
Thesis Advisor: Gail Matthews

**Sherri Bridgeforth** BA in Politics and Psychology  
*Voting Behavior*  
Thesis Advisors: Gail Matthews, Christian Dean

**Tacha Bromber** BA in Psychology  
*The Relationship Between Paranormal Beliefs and Emotional Intelligence*  
Thesis Advisor: Bill Phillips

**Cynthia Brooks, Monika Foster, Asta Haman-Dicko, Monika Alas** BS in Biology  
*Resource Kit for Management of Non-Native Plants in National Parks of California*  
Thesis Advisors: Lauren Quinn, Sibdas Ghosh, and Mietek Kolipinski

**Veronica Ramon Boutelle** BA in Psychology  
*Impact of Wellness Activities on Burnout Experienced by Domestic Violence and Sexual Assault Service Providers*  
Thesis Advisor: Gail Matthews

**Marla Camp** BS in Liberal Studies/Teacher Education  
*Through the Looking Glass: The Necessity of Esteem Building in an Elementary Physical Education Curriculum*  
Thesis Advisor: Mary Alice Arnold

**Ilse Catindig** MS in Occupational Therapy  
*Play in the Prone Position: A Resource Guide for Parents and Their Growing Infants*  
Thesis Advisor: Bonnie Napier

**Jan Marie Cheng, Marielle Discipulo, Nicole Fronteras, Nenna Olumba, Caitlin Sullivan, Joyce Valencia** BS in Biology  
*Helminth Parasites in the Invasive Gambusia Affinis: The Effects of the Distribution of Mosquitofish in Response to West Nile Virus*  
Thesis Advisors: James Cunningham, Sibdas Ghosh, Mietek Kolipinski, Anindo Choudhury

**Christina Choi** MS in Occupational Therapy  
*Occupational Issues Related to Nutrition and Cooking: The Development of a Resource Guide for Low Income Elderly*  
Thesis Advisor: Bonnie Napier

**Sonnie Clay** BA in Liberal Studies/Teacher Education  
*Technology and Young Minds*  
Thesis Advisor: Mary Alice Arnold

**Stacy Connell** BA in Liberal Studies/Teacher Education  
*Effective Methods of Science Instruction in the Elementary Classroom*  
Thesis Advisor: Mary Alice Arnold

**Julie Cooper** BA in Liberal Studies/Teacher Education  
*Opening the Pages to Reading*  
Thesis Advisor: Mary Alice Arnold

**Debra Cozzoli** BA in Psychology  
*How Seasons Affect Mood: The Prevalence of Seasonal Depression Amongst College Students*  
Thesis Advisor: Bill Phillips

**Anna Crosetti** BS in Nursing  
*A Measure of Clinical Teaching Effectiveness*  
Thesis Advisor: Margaret Fink

**Sheena Anne Daquiaoag** BA in Liberal Studies  
*The Effects of Having Music Taught in Elementary School Programs*  
Thesis Advisor: Mary Alice Arnold

**Francesco Degiacomo**, Sara Batres, Ashley Fale, Andrew Lewis, Lisa Lima, Christopher Heiser BS in Biology  
*Genetically Decreased Gonadotropin-Releasing Hormone Secretion: Consequences on Fertility and Obesity in Male Transgenic Rats*  
Thesis Advisor: Mohammed El Majdoubi

**Chrysantha DePeralta** BS in Nursing  
*Health Promotion and Prevention of Childhood Obesity*  
Thesis Advisor: Christine Bolla

**Alexis Drucker** BA in Liberal Studies/Teacher Education  
*Retaining a Student for a Second Year: What Are the Effects?*  
Thesis Advisor: Mary Alice Arnold

**Susan Ferdowsali** BA in Psychology  
*Parental Involvement and Academic Success*  
Thesis Advisor: Bill Phillips

**Roger Forte** BA in International Management  
*Leadership Development Needs Assessment for Hispanic Chamber of Commerce*  
Thesis Advisors: Chris Leeds, Denise Lucy

**Janielle Frazier** BS in Nursing  
*Childhood Obesity and the Need for Preventative Teaching Among Adolescents*  
Thesis Advisor: Nicole Barnett

**Bianca Gabriel**, Shabrina Azim, Mercedes Pacheco BS in Biology  
*Singing Behavior of the New Zealand Grey Warbler, Gerygone*  
Thesis Advisor: James Cunningham

**Angela Giertych**, Simi Chandi, Neal O'Connor, Chris Souza BS in Biology  
*Role of Large Herbivores in Spreading Non-Native Invasive Plants into Natural Areas of California*  
Thesis Advisors: Arthur Scott, Sibdas Ghosh, Mietek Kolipinski

**Ashley Griggs** BA in Psychology  
*Attitudes and Opinions on Mental Illness in College Students*  
Thesis Advisor: Bill Phillips

**Marissa Gurat** BA in Liberal Studies/Teacher Education  
*Effective Methods for Teaching Controversial Issues*  
Thesis Advisor: Mary Alice Arnold

**Kevin Hassler**, Ashley Wells, Penny John, Rachel Puckett, David Martinez, Tenzin Bhutin BS in Biology  
*Investigating the Mechanisms of HIV-1 Envelope Glycoprotein (ENV)-Mediated Membrane Fusion Using ENV-and CD4-Expressing Cells*  
Thesis Advisor: Nejat Duzgunes

**Ben Hedgpeth** BA in Liberal Studies/Teacher Education  
*Television and Its Link to Anti-Social Behavior Among Children*  
Thesis Advisor: Mary Alice Arnold

**Sarah Helstrom** BA in Psychology  
*The Effects of Music on Exercise*  
Thesis Advisor: Bill Phillips

**Ketch Hess** BA in Psychology  
*The Effects of Scientific Information and Pharmaceutical  
Advertisement on Students' Views of Depression and Anti-  
Depressant Medications*  
Thesis Advisor: Gail Matthews

**Naomi Hirsch** BS in Nursing  
*Prevention of Back Injuries Among Health Care Workers*  
Thesis Advisor: Ingrid Sheets

**Sharon Hoag** BS in Nursing  
*The Perimenopausal Period: Preparing Women for an  
Important Life Event*  
Thesis Advisor: Kathleen Beebe

**Carly Hoffman** BS in Nursing  
*Teaching Non-Pharmacological Comfort Measures for Labor  
Management in Hispanic Women*  
Thesis Advisor: Nicole Barnett

**Christina Hotchkiss** BA in Liberal Studies/Teacher Education  
*Storytelling and Language Acquisition*  
Thesis Advisor: Bill Phillips

**Kim Imsdahl** MS in Occupational Therapy  
*Functional Hand Grasp of Young Children Ages 9-18  
Months: A Comparison of Down Syndrome and Typically  
Developing Children*  
Thesis Advisor: Bonnie Napier

**Corrie Johnson** MA in Counseling Psychology  
*Goal Setting in Sports*  
Thesis Advisor: Robin Gayle

**Lisa Juris** BA in Psychology  
*Capital Punishment Pre- and Post-Furman Era: An  
Analysis of Trends*  
Thesis Advisor: Bill Phillips

**Lauren S. Kawabata, Ashley L. McClellan** BS in Biology  
*Cadmium Promotes Breast Cancer Cell Proliferation*  
Thesis Advisor: Maggie Louie

**Maureen Kelly** BS in Nursing  
*Addressing Beliefs Influencing the Decision Not to Immunize*  
Thesis Advisor: Christine Bolla

**Gwendolyn Klein** BS in Nursing  
*Risks and Prevention of Adult Onset Diabetes*  
Thesis Advisor: Luanne Linnard-Palmer

**Marysia Kolipinski, Monika Kolipinski** BS in Biology  
*Relationship Between Herd Size and Communicable  
Diseases of Goats in Poland*  
Thesis Advisors: Jarek Kaba, Sibdas Ghosh

**Katherine Kubicka** BS in Biology  
*The Developmental Challenges of Pregnant Adolescents*  
Thesis Advisor: Nicole Barnett

**Corinne Labossiere** BS in Nursing  
*Management of Hyperbilirubinemia in Neonates*  
Thesis Advisor: Nicole Barnett

**Brittany Loe** BA in Psychology/BS in Health Sciences  
*Stress and Coping in Parents: A Comparative Study of  
Normal and Neonatal Intensive Care Unit Birth Histories*  
Thesis Advisor: Bill Phillips

**Eugenia Lucas**, Thomas Ciaglo BS in Biology  
*Making Soap From Readily Available Agricultural Waste  
Materials Can Increase Cleanliness In Rural Areas*  
Thesis Advisor: Kenneth Frost

**Paula Mancilla**, Jessica Van Den Berg, Gregory  
Cameron BS in Biology  
*Biodiversity and Ecology of Bees (Hymenoptera) in  
Central California National Parks*  
Thesis Advisors: Mietek Kolipinski, Sibdas Ghosh

**Corinne Mayock** BA in Psychology  
*Effects of Temperature on Aggression*  
Thesis Advisor: Bill Phillips

**Kristen McCarthy** BA in Liberal Studies/Teacher Education  
*How to Effectively Teach Students with Dyslexia*  
Thesis Advisor: Mary Alice Arnold

**John Paul McCarvel** BA in Psychology  
*Depression, GPA, and Homesickness*  
Thesis Advisor: Bill Phillips

**Kelly McGuire** BA in Liberal Studies/Teacher Education  
*Is Gender a Factor of Mathematics Learning in an  
Elementary School Setting?*  
Thesis Advisor: Mary Alice Arnold

**Catherine Meehan** BA in Psychology  
*Attitudes Toward Children and Adolescents with Mental Illness*  
Thesis Advisor: Bill Phillips

**Alma Montelongo** BS in Nursing  
*Preventing Methicillin Resistant Staphylococcus-Auerus  
(MRSA) in Long-Term Care Facilities*  
Thesis Advisor: Christine Bolla

**Marilyn Morales** BA in Liberal Studies  
*The Relevance of Bilingual Education in Our Society Today*  
Thesis Advisor: Mary Alice Arnold

**Destini Nowlin** BA in Psychology  
*The Effects of Spiritual Orientation on Altruistic Behavior*  
Thesis Advisor: Bill Phillips

**Stephanie Olsen** BS in Nursing  
*Effectiveness of Various Umbilical Cord Treatments in  
Reducing Bacterial Colonization and/or Cord Remnant  
Times*  
Thesis Advisor: Kathleen Beebe

**Ngozi Onyike** BS in Nursing  
*Factors Associated with SIDS Mortality in Black Infants*  
Thesis Advisors: Christine Bolla, Nicole Barnett

**Mark Orcholski**, Monika Alas, Alma  
Martinez, Desareé Williams BS in Biology  
*Role of Large Herbivores in Spreading Non-Native  
Invasive Plants into Natural Areas of California*  
Thesis Advisors: Lauren Quinn, Sibdas Ghosh, Mietek  
Kolipinski

**Meredith Ostling** BS in Nursing  
*Facilitation of Nursing Student Support Through the Use of  
an Electronic Communication Resource: Enhancing Nursing  
News*  
Thesis Advisor: Margaret Fink

**Sarah Pack** BA in Psychology  
*Effects of Exercise on Anxiety and Stress*  
Thesis Advisor: Bill Phillips

**Kate Payne** BA in Liberal Studies/Teacher Education  
*What is the Most Effective Way to Teach Literacy to Special Education Students?*  
Thesis Advisor: Mary Alice Arnold

**Yaneyra Pellascini** BS in Nursing  
*Substance Abuse Among Nurses*  
Thesis Advisor: Christina Campbell

**Ann Brewer Phillips** BA in Psychology  
*Temperament as a Predictor of Performance Anxiety*  
Thesis Advisor: Bill Phillips

**Elizabeth Pickens** BA in Psychology  
*The Thin Obsession*  
Thesis Advisor: Bill Phillips

**Michelle Pigeon** BS in Nursing  
*Understanding Childhood Immunizations*  
Thesis Advisor: Luanne Linnard-Palmer

**Ashley Ramirez** BS in Nursing  
*Ethnic Influences on the Experience of Pain*  
Thesis Advisor: Margaret Fink

**Melissa Reyes** BA in Psychology  
*Effectiveness of Mentoring At-Risk Youth*  
Thesis Advisor: Bill Phillips

**David Rosenbaum** BA in Psychology  
*Perfectionism and Obsessive-Compulsive Behaviors*  
Thesis Advisor: Gail Matthews

**Camerin Ross** BA in Psychology  
*Evaluating Beyond Hunger: A Non-Diet Treatment Approach*  
Thesis Advisor: Gail Matthews

**Megan Scardina** BA in Liberal Studies/Teacher Education  
*Literacy in the Classroom*  
Thesis Advisor: Mary Alice Arnold

**Nick Schuur** BA in Psychology  
*The Therapeutic Potential of Surfing*  
Thesis Advisor: Bill Phillips

**Gurleen Sidhu, Danielle Crippen, Surita Banwait** BS in Biology  
*Involvement of  $\beta$ -Amyloid Precursor Protein (APP) in Alzheimer's Disease*  
Thesis Advisor: Veronica Galvan

**Christian Skillman** BA in Psychology  
*Importance of Age and Familiarity, and Its Impact on Perception of Rape*  
Thesis Advisor: Gail Matthews

**Jenny Stanley** BA in Liberal Studies/Teacher Education  
*The Integration of Science and Religion in the Classroom*  
Thesis Advisor: Mary Alice Arnold

**Alyson Straub** BA in Psychology  
*Effects of Racial Interaction and Tipping*  
Thesis Advisor: Bill Phillips

**Luzmaria Strohm** BA in Liberal Studies/Teacher Education  
*The Effectiveness of Bilingual Education Contributing to the Shared Goals of Bilingual Proficiency, Academic Achievements, and Positive Crosscultural Awareness*  
Thesis Advisor: Mary Alice Arnold

**Seiha Thorng** BS in Biology  
*Transcriptomic Changes in Skeletal Muscle in Response to  
Disuse: Characterization of Microgravity and Suspension  
Models of Muscle Atrophy*  
Thesis Advisor: Sibdas Ghosh

**Sarah Trudeau** BA in Liberal Studies/Teacher Education  
*Is Phonics an Effective Teaching Method?*  
Thesis Advisor: Mary Alice Arnold

**Desareé Williams** BS in Biology  
*Movement of Phytophthora Ramorum Among Camellia SPP  
in a Nursery Setting*  
Thesis Advisors: Lisa Baird, Sibdas Ghosh

**Jennifer Williams, Orgiltuya Batjargal** BS in Biology  
*Intra-Thallus Variation in the Concentration of  
Photosynthetic Pigments in the Lichen Ramalina  
Menziesii Part II*  
Thesis Advisor: James Cunningham

**Erin Williamson** BS in Nursing  
*The Effects of Metabolic Control on Cognitive Function  
Including Learning, Memory, Attention, and Mood in  
Children with Insulin-Dependent Diabetes Mellitus*  
Thesis Advisor: Luanne Linnard-Palmer

**Malika Ziani** BS in Nursing  
*Smoking Cessation Interventions for Hospitalized Clients*  
Thesis Advisor: Christine Bolla