

HOWARD R. HUGHES  
COLLEGE OF ENGINEERING

# Honors Convocation

UNLV Foundations,  
Blasco Event Wing

April 21, 2010



**Special acknowledgement to those that assisted with tonight's ceremony**

Processional Music, Leo Banchik

National Anthem, Paul Villaluz, '97, '06

AFROTC and ARMY ROTC Colorguard

AFROTC Sabre Arch Cadets

Boulevard Trophy

UNLV Sodexo Catering

UNLV Reprographics/Design Services

**Volunteers**

Iani Batilov

Chequala Fuller

Kathryn Leonardo

**Ceremony photos will be available on the college website one week after the event. [Engineering.unlv.edu](http://Engineering.unlv.edu)**

Thank you Robert Abella, Ph.D. for fulfilling our photography needs tonight.

**Engineer a Difference.**

Inside cover

**2009-2010**  
**Howard R. Hughes College of Engineering**  
**Honors Convocation Program**

Processional	Mr. Leo Banchik
Posting of the Colors	ARMY & Air Force ROTC Det 004 Color Guard
National Anthem	Mr. Paul Villaluz '97, '06
Welcome	Dr. Rama Venkat, Interim Dean
Introduction of Dean's List Recipients	Mr. Bob Knudson (A-M) Ms. Michelle Miller (N-Z)
Introduction of Keynote Speaker	Dr. Rama Venkat
Guest Speaker	Ms. Erika Moonin '94 B.S. Civil Engineering Southern Nevada Water Authority
Presentation of Scholarship Recipients	Mr. Bob Knudson (A-M) Ms. Michelle Miller (N-Z)
Message from our Goldwater Recipient	Shipra De
Presentation of University, College & Department Awards	Dr. Rama Venkat Dr. John Warwick Richard C. Linstrom, Esq. Dr. William Culbreth Dr. Hal Berghel Lt Col William Geiser Dr. John T. Minor Dr. Edward Neumann Dr. David Shields Dr. Henry Selvaraj LTC Eric Wishart Dr. Woosoon Yim
Recessional and Alma Mater	Mr. Paul Villaluz '97, '06

Guests are to please remain standing until faculty and honor students have completed the recessional. Please join us in the Lobby of the UNLV Founditions Building for a reception immediately following the Convocation.



Welcome to the Howard R. Hughes College of Engineering Honors Convocation. We strive for excellence in everything that we do. Our academic and intellectual values form the basis of everything that goes on within the college. This event was established to recognize faculty, students and staff who have demonstrated superior achievement during their time here at UNLV.

The reputation of the College is built largely upon the reputation of our faculty and graduates, so we would take this opportunity to recognize the outstanding achievement of these individuals. We would also like to offer our heartfelt thanks to those individuals and corporations who provide funding for students scholarships, faculty grants, and for key programs which support our students.

The administration, staff, and faculty of the College work very hard to provide an environment in which our students can be successful. Success in challenging disciplines such as computer science and engineering does not come without serious effort. I am extremely proud of our faculty and staff, but most of all, I am proud of our students. It is your talent and hard work that we, along with your family and friends, celebrate tonight.

## **Howard R. Hughes College of Engineering Advisory Board**

**Ferrie Bailey**  
Union Pacific Foundation

**Calvin Black**  
G.C. Wallace, Inc.

**David Bonnesar**  
Bonn Corporation

**Joseph Carleone**  
American Pacific  
Corporation

**Fred Cox**  
Emulex Network Systems

**Gary Desler**  
Bechtel SAIC

**Judi Dohn**  
VentureCatalysts, LLC

**Raul Flores**  
JT3, LLC

**John Fountain**  
Cox Communications /  
Hospitality Networks

**Lisa Freestone '98**  
Carollo Engineers

**Randy Fultz**  
City of Las Vegas

**John Gibson**  
American Pacific  
Corporation

**Adam Gordov**  
NV Energy

**Wayne Horlacher**  
PBS&J

**Curtis Horton**  
HDR Engineering, Inc.

**Steve Morraca**  
JT3, LLC

**Randy Innis**  
Statu Group International  
Trading Company, LLC

**Bob Knudson**  
National Security  
Technologies, LLC

**Greg Korte**  
The Korte Company

**David LeGrand**  
Fetta Helquist & Park of  
Counsel

**Alexander Marquez**  
Intel Capital

**Clark McCarrell**  
NV Energy

**David McElwain**  
CCSD

**Doa Meade '98**  
Las Vegas Valley Water  
District

**Michelle Miller**  
National Security  
Technologies, LLC

**Hank Osterhoudt**  
Quienitq-North America

**Ray Sommer**  
JT3, LLC

**Rick Stater**  
Tronox, LLC

**Troy Wade**  
Nevada Alliance

**John Warrick**  
Desert Research Institute

**Jim Whitcraft**  
Bechtel National Inc

**James F. Wunderlin**  
Southwest Gas

## Mistress of Ceremonies



Ms. Michelle E. Miller

PgMP, Project Management Institute, 2009  
M.P.A., University of Nevada, Las Vegas, 2000  
B.S.M.E., University of Nevada, Las Vegas, 1995

Ms. Miller currently serves as Principal Program Manager, for Homeland Security & Defense Applications at National Security Technologies, LLC.

Ms. Miller has been a member of the UNLV Mechanical Engineering Advisory Board for more than 10 years and became Chair of the Board in 2009.

Michelle and her husband, John, have 6 children and 2 grandchildren.

## Master of Ceremonies



Mr. Bob Knudson is the Engineering Division Manager with National Security Technologies, LLC in Las Vegas, Nevada. He leads an organization that performs engineering design and technical support activities for both facilities and infrastructure systems at the Nevada Test Site in Nye County.

Mr. Knudson received his Bachelor of Science in Nuclear Engineering from the University of Illinois at Urbana-Champaign in 1983. Mr. Knudson attended the University of Illinois as an Air Force ROTC scholarship recipient and was commissioned as a Second Lieutenant in May 1983. Upon entering active duty, Mr. Knudson was assigned to the Air Force Weapons Laboratory to perform independent nuclear safety evaluations of nuclear weapon systems.

Since leaving the Air Force in 1987, he has been engaged in engineering design, technical analysis, and project management of nuclear energy, nuclear materials production, and nuclear waste management projects and facilities for both government and commercial clients.

Later in his career, he has held senior technical and management positions with consulting companies, architect/engineering firms, and Department of Energy facilities. He is a certified Project Management Professional through the Project Management Institute.

Bob and his wife, Kathy, have 2 children.



## Dean's List

*Undergraduate Students with at least 12 credits and a semester grade point average (GPA) of 3.50 or higher are eligible for the Dean's Honor List. This list represents the Spring 2009 and Fall 2009 Semesters.*

THARINDU ABEYGUNAWARDANA	MITCHELL BURTON
JAMES ADEN	ALEXANDER BYRD
JAKE AGARAN	MICHAEL CALABRO
ANTHONY AGUILA	ALEXANDER CAMPOS
JAMEL ARNEL ALCAIN	KHLOE CAMPOS
JONATHAN ALLEN	ALEX CAMPOS
JEREMY ALVILLAR	JERICA-MARIE CANDALLA
NATHAN ANDERSEN	MARC CANLAS
SEANANDERSEN	ALAN CARRENO
DANIEL ANDERSON	KRISTY CAMILLE CARREON
TAYLIN ANDERSON	CHRISTOPHER CARRIER
MARCIE ARAI	DANIEL CAULEY
JORGE ARROYO	TIMOTHEE CENA
ANJERO ASPRER	CHANATAN CHARNKIJTAWARUSH
JOSHUA AURICH	JACK CHENEY
PHILIP AYALA	STEFAN CLINE
OMER AYUBI	JUSTICE COLBY
CHARBEL AZZI	WENDELL CONCINA
MICHAEL BAIRD	STEVEN CONNER
ELIZABETH BALDIVIAS	SERGIO CONTRERAS
LEONARDO BANCHIK	ROBERT COOK
LUCAS BANG	KEITH COOPER
ELLIS BARBA	JAMES CORDOVA
IANI BATILOV	BALDOMERO CORONA
MYLES BEAN	DANIEL CORREIA
SAMUEL BEAUCHAMP	STEVEN CORREIA
CHRIS BEEGLY	DANIELLE COTTE
MORRIS BEN AOUICHA	JOSHUA COX
LEONARDO BENAVIDES	BLAKE CRANE
JIMMY BENOIT	MATTHEW CUTLER
TREVOR BERGSTROM	JAMES DABINETT
MICHAEL BETTS	SEAN DALY
SEAN BIRNBAUM	MICHAEL DANILSON
ADAM BLANN	CHRISTIAN DATUIN
JEREMIAH BOLES	KANDARP DAVE
ROSENDO BORJAS	REGINA DENNIS
ANNIE BOUCK	JOSHUA DEVLIN
BRANDON BOUIER	KEVIN DIEC
ZACHARY BOURGET	SHANE DIECKMANN
SEAN BOYLE	MATTHEW DIMMICK
SAMUEL BRAGG	CAMERON DIXON
THERESA BRAY	ANTHONY DONOHUE
WESTON BROWN	JOSE ELIZONDO
KRISTOPHER BUCHANAN	MARK ELKOUZ
ANH BUI	JARED ENGLEHART
JONATHAN BURGOS	NICKOLAS EUBANKS

JESSE FINK  
MATTHEW FISHER  
ERIC FITZGERALD  
ANTHONY FLARISEE  
SERGIO FLORES CASTRO  
PETER FLYNN  
ANN FRAPPIER  
JAMES FULLER  
DAVID FYDA  
JUSTIN GALLI  
SEAN GANN  
ZE NAN GAO  
GIORGIO GAPUTAN  
ALEJANDRO GARCIA  
ANDREW GARDINER  
GEOFFREY GARDNER  
ANDREE-ANNE GENEREUX  
JAMIE GILLETTE  
ELDON GODDARD  
MARGARET GONZALEZ  
EDUARDO GONZALEZ  
JARED GORDON  
STEPHEN GREEN  
CASEY GRIFFITH  
DIEREMI GUERRERO  
MICHAEL GUND  
GUADALUPE GUTIERREZ  
ISAAC GUZMAN  
AVERY HACKER  
RICHARD HACKFORD  
MARYAM HADDAD  
KIMBERLY HAMMER  
DAVID HANNASCH  
KYLE HANSEN  
WHITNEY HANSEN  
RUSSELL HARKANSON  
KRISTOFFER HARRINGTON  
MELISSA HATFIELD  
MELODY HAVEY  
TAYLOR HAWKINS  
JARED HAYES  
EDGAR HERNANDEZ  
JOSHUA HERRERA  
PARKER HILL  
SPENCER HILL  
SUZANNA HO  
DOMINIQUE HOLLIS  
ALAN HOLTON  
BRIAN HUDSON  
YIRMEYAH HUNTER

BRUCE HURLBUT  
KENNETH HYNES  
RUFIN INOS  
KENNETH ISOM  
TORY JACKSON  
ZARFAQ JAFFERY  
TANIA JARQUIN  
JOSEPH JAVIER  
NICOLAI JERBIC  
BRIGHAM JOFFS  
MATTHEW JOHNSON  
J JOHNSON  
DEREK JOINER  
SEAN KAU  
BRIAN KAUCHE  
BRIAN KERZETSKI  
AMBER KIMMICK  
JAKOB KNOPP  
THOMAS KOO  
MONIKA KOSCIEN  
VITALIY KUBUSHYN  
JIN KWON  
MARIA LACEY  
NICHOLAS LAMEK  
SPENCER LANGE  
DERIC LARKIN  
GERALD LEE  
JAMESON LEE  
DEREK LENNON  
JOSEPH LEON  
XIAOJIA LIN  
KEVIN LINDGREN  
LUKY LOPEZ  
STEVEN LORANG  
RONALD LORICK  
SAMUEL LYTLE  
RAPHAEL MACSUKU  
BRIAN MAGANN  
SHARA MAIKRANZ  
SHAUNCY MALOY  
ASHLEY MANGLONA  
JOSE MARIN  
JOSEPH MARSELLA  
ZACHARY MARSHALL  
COLIN MARTINS  
WADE MCELROY  
ALEXANDRIA MCGRATH  
STEPHEN MCHARGUE  
JOSE MEDINA  
ZACHARY MELLINGER  
KEVIN MELROY

FEDERICO MENDEZ-JORDAN  
JACOB MILLS  
ANTHONY MOJICA  
MARCO MONTALVO  
ASHLEY MOONEY  
NOLAN MOORE  
BRUCE MOORE  
JEROMY MORRIS  
ALVIN MORRIS  
JASON MORRISON  
BRADLEY MORTEL  
MIGUEL MURILLO  
MARY MURPHY  
BLAKE NACCARATO  
AMY NAKATANI  
NOLEN NANBU  
LEANDRA NELSON  
SHELBY NELSON  
JOSE NEVAREZ  
TIMOTHY NEWELL  
LUIGI ADRIEL NG  
STEVIE NICHOLL  
KIRBY NOLAND  
JORDAN NORWOOD  
RICK NULL  
PATRICK OLSON  
ASHLEY OOTHOUTD  
KATELYN ORR  
GABRIEL PADILLA  
STOIL PAMOUKOV  
DOMINIC PANALIGAN  
MHANSI PANDHI  
KATHERINE PANOTES  
DEEP PATEL  
ALBERTO PAULINO  
JAVIER PAYAN  
RYAN PEEPLES  
WILLIAM PENTECOST  
SOPHIA PERESSINI  
GERALDINE PEREZ  
TODD PETERS  
CHARLES PETERSON  
ALAN PHUNG  
ADAM POCOCK  
KYLE POINTER  
JUSTIN PONKOW  
TIK POON  
BRITTANY RADKE  
MARIA RAMOS  
ANONH RATSAMY  
RICHARD RAZACK

JONATHAN REALMUTO  
MATTHEW REYBURN  
GARRY RICHARDSON  
JEFFREY RICHARDSON  
KELLY RINI  
DUSTIN ROBBINS  
PAUL ROBERTS  
THOMAS ROBERTS  
SEAN ROBINSON  
FRANCELL RODRIGUEZ  
WESTON ROSS  
CHANON RUANGJUMRUSVET  
SIUL RUIZ  
JOSEPH RUNYAN  
MARK RUSHFORTH  
ERWIN JEFFREY SACUNDO  
CHRISTOPHER SALISBURY  
TALIN SALWAY  
ALI SARABI  
ROBERT SAYLORS  
MARK SCHIFFLIN  
ADAM SCHNEPPLE  
KYLE SCHOEN  
FRANCISCO SERMENO  
ALEXY SERRANO  
JONATHAN SHA  
RYAN SHUGARS  
MATTHEW SILVA  
DAVID SKIPWORTH  
ALBERT SMEDLEY  
SHAWN SMITH  
VICTORIA SMITH  
MARK SNYDER  
TYLER STALBAUM  
JACLYN STECKI  
MATTHEW STEINMETZ  
DANE STRONG  
CHRISTOPHER STROUT  
BRENNAN SWAN  
MARILYN TABET  
REX TAJIRI  
DESMOND TAN  
RYAN TARDY  
TERINA TERLIZZI  
SABA TESFAY  
JIMI THOMPSON  
WHITNEY THOMPSON  
MICHAEL THORNTON  
JAKOB TOBLER  
ANTHONY TODECHINEY  
MARIA TORRES

SARAH TRABIA  
SUZANNE TRABIA  
JOSEPH TROIA  
JUSTIN TRUEBLOOD  
RYAN TRUESDILL  
OKKAR TUN  
PRUT UDOMWATTAWEE  
ARINZE UZOWIHE  
SEAN VAIL  
FABIAN VARGAS  
PABLO VAZQUEZ  
LAERT VERDHA  
SAMUEL VILLANUEVA  
BRIAN VINCENT  
STUART WAGNER  
HOLLY WALKER  
JILLIAN WALKER  
JOHN WARDLE  
ANDREW WARTHAN

MELISSA WEIST  
CHRISTOPHER WELCH  
RUSSELL WELLS  
ANDREW WICKERSHAM  
JEREMY WIDEMIRE  
KELSEY WILEY  
DONN WILLIAMS  
STEVEN WILSON  
STEVEN WINFREE  
JONNY WINGER  
ADAM WIRTHLIN  
JOSEPH WOLF  
BEAUJOLAIS WRIGHT  
ADAM WURTZEL  
WEI JIAN ZHANG  
STEPHANIE ZOBRIST  
JACOB ZODIERU  
LAKEN ZOGRAFOS



## Keynote Speaker



Ms. Erika P. Moonin, P.E., D.WRE, is a licensed professional engineer in the state of Nevada and California. She graduated from the University of Nevada, Las Vegas in 1994 with a Bachelor of Science degree in Civil Engineering. After graduating, Erika started her career working for a few years at an engineering consulting firm and now has gained 12 years of working experience for the Las Vegas Valley Water District (LVVWD) and the Southern Nevada Water Authority (SNWA).

Erika's involvement with ASCE began in 1992 with the UNLV Student Chapter. She has held board positions, which included serving as President in the Southern Nevada Branch and the Nevada Section. Ms. Moonin served as Chair of the Pacific Southwest Council and she was the Judging Coordinator for five years and Regional Co-Coordinator for one year for the Las Vegas Future City Competition (partially sponsored by the local ASCE branch). Erika was awarded Engineer of the year for the government sector by the ASCE Southern Nevada Branch in 2000. She participated in the initial efforts of the American Academy of Water Resource Engineers (AAWRE) Development Committee to develop and help start the Diplomate, Water Resources Engineer (D.WRE) certification program. She is one of the inaugural Diplomates to be awarded the credential and she currently serves on the Academy's Board of Trustees and as the Chair of the Admissions Committee. For the past five years, she has served as a member of the Committee on Professional Practice (CCP), and ASCE'S National Board Level Committee, the Constituent Committee of Leadership and Management, and a number of other committees. Erika now serves as ASCE Region 8 Governor.

Erika is currently an Engineering Project Manager for the SNWA and is responsible for managing the planning, design and construction of Capital Improvement Projects which range from 20 million to 850 million dollars each. These projects include raw water intakes, water treatment improvements, support buildings, large pumping stations and other system improvements. Erika is currently the Project Manager for the SNWA's Lake Mead Intake No. 3 project estimated at approx. \$850 million dollars which will insure the water supply for the Las Vegas Valley.

## **2009-2010 Howard R. Hughes College of Engineering Scholarship Recipients**

KARIMA ABDEL-MOTY  
DOMINIQUE ACEVEDO  
SARA AGUILAR  
REHAM AHMED  
YESENIA ALANIZ  
TIFFANY ALEXANDER  
JONATHAN ALLEN

CHRISTOPHER ALLEN  
ARI J. ALANIZ  
JUSTIN AMAZAKI  
SAMANTHA ANDERSON  
ALEXIS ANDRADA  
MARIZ ARELLANO  
LIZBETH ARIAS  
DENIS ATANDI  
KAREN ATER  
JENEFFER AVALOS  
MIRIAM AVILA  
DANIELLE AXT  
LEONARDO BANCHIK  
REYNALDO BARZAGA  
MAI HUONG BAUSCH  
JENNIFER BERGER  
HEIDI BERGER  
ALEXIA BETTS  
ADAM BILLMAN  
JACKIE BOYD  
JEREMY BRAGA

THOMAS BRECHEISEN  
GERALD BROOKS  
JORDAN BROOKS  
AMANDA BROUGH  
CIERRA BRYANT  
JOSHUA BURNS  
GENEVA BUTLER-BEARD  
LONNIE CALDWELL  
LISA CALVERT  
GREGORIO CAMPOS  
MAYRA CARDENAS  
SARAH CAREY  
LEISL CARR CHILDERS  
CHRISTOPHER CARRIER  
JENNY LYNN CASINO  
THOMAS CASSOUTT  
WILLIAM CASTEEL  
ZAIDA CHAIDEZ  
KWAN CHAN  
DARYLE CHANG  
CAROLINE CHANG  
SANA CHATOOR  
CARL CHRISTENSEN  
LUKE CLAWSON  
JAMES COGAN  
JOSHUA COHEN

Nevada Power Graduate Fellowship - Business  
Harrah's Entertainment First Generation Scholarship  
Wells Fargo, NV First Generation Scholarship  
Jean Nidetch Scholarship  
Boyd/Ruvo Scholarship  
Hilton Hotels Scholarship  
Construction Management Advisory Board Scholarship  
Penta Building Group Scholarship  
Renee and Martin Paluga Scholarship  
WAESO Scholarship  
Muriel Stevens Scholarship  
Mitzi & Johnny Hughes Honors Program Scholarship  
Barlow  
Station Casinos Family Scholarship  
Wells Fargo, NV First Generation Scholarship  
Four Seasons Scholarship  
Renee and Martin Paluga Scholarship  
Wells Fargo, NV First Generation Scholarship  
Polly Gonzalez Memorial Scholarship  
JNWC Re-entry Friendship Scholarship  
Graebel Mechanical Engineering Scholarship  
Station Casinos Minority Hotel Scholarship Fund  
Stan Fulton Honors Program Scholarship  
Alumni License Plates Scholarship  
Dolores Owens Scholarship - Undergraduate  
Caesars Entertainment Scholarship - Undergraduate  
Mitzi & Johnny Hughes Honors Program Scholarship  
Leo A. Daly Company Scholarship  
Boyd/Ruvo Scholarship  
Leo A. Daly Company Scholarship  
George Sidney Scholarship  
Las Vegas Recovery Center Scholarship - Undergraduate  
Mildred P. Cotner Academic Scholarship  
Silver State Schools Credit Union Scholarship  
Caesars Entertainment Scholarship - Undergraduate  
Wells Fargo Global Entrepreneurship  
Las Vegas Recovery Center Scholarship - Undergraduate  
Cynthia Bunker/Joy McClenahan Memorial Scholarship  
Barbara L. Lochridge Scholarship  
MGM/Mirage Minority Student Scholarship  
Caesars Entertainment Scholarship - Undergraduate  
Stan Fulton Honors Program Scholarship  
President's Fellowship  
Harold & Mayme Stocker Scholarship-Engineering  
Las Vegas Recovery Center Scholarship - Undergraduate  
Jean Nidetch Scholarship  
Jerry Kalafatis Lodge Scholarship - Undergraduate  
Wells Fargo, NV First Generation Scholarship  
Rick Parks Scholarship  
Bank Of America Nevada Scholarship  
Wells Fargo, NV First Generation Scholarship  
Four Seasons Scholarship  
Bob Genzer/APA Scholarship  
Naiop Scholarship  
Wells Fargo Global Entrepreneurship  
Donald L. Wood Scholarship

## 2009-2010 Honors Convocation

SHANE COLLINS  
 SERGIO CONTRERAS  
 ADRIANA CORADO  
 DANIEL CORMANY  
 MAIRA CORRAL  
 DIANA COSIO  
 MARSHALL COWAN  
 QUYNH DAM  
 CHERYL DARBY-CARLBERG  
 WINNIE DAVID  
 SHIPRA DE  
 CHRISTA DEAN  
 NYDIA DIAZ  
 REBECCA DODD  
 KARISSA DOLD  
 JORDAN DREW

RONALD DUPRAU  
 NOAH DURAN  
 KEVIN EARLY

OTTO EHLLING

MICHAEL EISENSTADT  
 MARK ELKOUZ  
 CECILIA EQUIHUA  
 CHRISTIE FINNIE  
 ERIKA FLORES  
 REED FOREMAN  
 BENJAMIN FOSTER  
 AMY FRANCO  
 FRANK FRANCOIS  
 ANN MARIE FRAPPIER

FRANK FUENTES  
 JAMES FULLER  
 PAMELA GAGLIANO  
 ADAM GENT  
 LEONARD GERVASIO  
 JOEL GIBSON  
 ELISE GIFT  
 ALEXANDER GILL  
 XAVIER GLAUDAS  
 NICHOLAS GLORIOSO  
 EDUARDO GONZALEZ  
 SINEE GRACE  
 DANIELLE GRACIOLETT  
 GORDON GRECO  
 MICHELLE GU  
 QIAN GU  
 ADRIANNA GUIDA  
 ELLEN HAMMAR  
 STEPHEN HARRIS

SARAH HARRISON

KATHRYN HARRISS  
 REBECCA HEFFNER  
 SHAYAN HERAVI

Working in Communications  
 John P. & Mary V. Hughes Scholarship  
 Wells Fargo, NV First Generation Scholarship  
 Charles E. Naylor/TWI Group Memorial Scholarship  
 Station Casinos Minority Hotel Scholarship Fund  
 Cynthia Bunker/Joy McClenahan Memorial Scholarship  
 Commercial Roofers Inc. Scholarship  
 HFTP Frances Tally Scholarship  
 Sierra Health Services Nursing Fellowship  
 Harold & Mayme Stocker - Chemistry  
 2010 Barry M. Goldwater Scholar  
 Osher Re-Entry Scholarship  
 Wells Fargo, NV First Generation Scholarship  
 Wells Fargo Global Entrepreneurship  
 Engelstad  
 Nathan Stout Memorial Scholarship Fund  
 Nathan Stout Memorial Scholarship Fund  
 Wells Fargo Global Entrepreneurship  
 MGM/Mirage Minority Student Scholarship  
 Jake Garehime Jazz Scholarship  
 Joe Williams Memorial Scholarship  
 Holly and Ben Barton Memorial Scholarship for Undergraduates  
 Liberace Music Endowment  
 Sanford I. Berman Debate Forum Scholarship  
 Harold & Mayme Stocker Scholarship-Engineering  
 Wells Fargo, NV First Generation Scholarship  
 Midby Byron UNLV Academic Excellence Scholarship  
 Wells Fargo, NV First Generation Scholarship  
 NV Society Certified Public Accountants  
 Dan Riley Scholarship  
 Engelstad  
 Nevada Power Graduate Fellowship - Business  
 Honors College General Scholarship  
 Minority Engineering Program Scholarship  
 O'Rourke Plumbing Scholarship  
 Engelstad  
 G. C. Wallace Scholarship  
 Ann Horvath Memorial Scholarship  
 Barbara L. Lochridge Scholarship  
 George Sidney Scholarship  
 Jake Garehime Jazz Scholarship  
 Brian Moriarity Scholarship  
 Mitzi & Johnny Hughes Honors Program Scholarship  
 Hermesen Fellowship Fund  
 Earl E. & Hazel Wilson Endowment Scholarship  
 Michael P. Keller Scholarship  
 Charlotte & Jerry Keller Scholarship for Teacher Education  
 Silver State Schools Credit Union Scholarship  
 Las Vegas Recovery Center Scholarship - Undergraduate  
 Bank Of America Nevada Scholarship  
 Stan Fulton Honors Program Scholarship  
 Stan Fulton Honors Program Scholarship  
 Hart Endowment Scholarship  
 Stan Fulton Honors Program Scholarship  
 Wells Fargo Global Entrepreneurship  
 Bank Of America Nevada Scholarship  
 Jean Nidetch Scholarship  
 Mildred P. Cotner Academic Scholarship  
 Michael Tata Memorial Scholarship  
 Wells Fargo Global Entrepreneurship

2009-2010 Engineering Honors Convocation

THOMAS HIGGINS	Harold & Mayme Stocker Scholarship-Engineering
DONNA HINES	Harold & Mayme Stocker Scholarship-Engineering
SUZANNA HO	Southwest Medical Associates Nursing Award
ANDREA HOH	Southwest Medical Associates Nursing Award
SHELBY HONEA	Michael Gail Andress Memorial Scholarship
NATALIE HUDSON	Minority Engineering Program Scholarship
ANNIE HUYNH	NV Society Certified Public Accountants
KENNETH HYNES	Bluecoats, Inc./Katz/Kaltenborn Awards
JOHNESHA INMAN	JNWC Re-entry Friendship Scholarship
DENISE INSHEIWAT	Wells Fargo Global Entrepreneurship
TANIA JARQUIN	Harold & Mayme Stocker Scholarship-Engineering
MATTHEW JARZEN	Jammarr L. Banks Memorial Scholarship
TROY JEFFERS	Wells Fargo, NV First Generation Scholarship
KAYLA JOHNSON	Minority Engineering Program Scholarship
ALANA JOHNSON	John S. Wright Memorial Scholarship
VERISE JOHNSON	Bank Of America Nevada Scholarship
DEANNA JONES	George Sidney Scholarship
NATALIE KAUFMAN	Las Vegas Recovery Center Scholarship - Undergraduate
SARA KEELING	Station Casinos Minority Hotel Scholarship Fund
HEEJU KIM	Station Casinos Minority Hotel Scholarship Fund
HAN NA KIM	Las Vegas Recovery Center Scholarship - Graduate
JONATHAN KIM	Sierra Health Services Nursing Fellowship
TANJU KIRISCIOGLU	GES Scholarship
KRISHNA KISI	Mildred P. Cotner Academic Scholarship
LUKE KNIGHT	Wells Fargo Global Entrepreneurship
JESSIE KORNEGAY	Marianne Stewart Carpenter Environmental Studies Scholarship
ALEXANDER KOSMACH	Jerry P. King Construction Management Scholarship
JEFFREY KRAGT	Samantha Drobkin Scholarship
ANDREA KUNWALD	Las Vegas Recovery Center Scholarship - Undergraduate
TIGGER LAIRD	Sanford I. Berman Debate Forum Scholarship
REBECCA LAM	Susan Ann Sky Holmes Memorial Scholarship
KENNETH LAMB	Osher Re-Entry Scholarship
ELVIN LAU	Southwest Medical Associates Nursing Award
BYOUNG LEE	Wells Fargo Global Entrepreneurship
JENNIFER LEE	Harold & Mayme Stocker Scholarship-Engineering
DEREK LENNON	Nevada Power Graduate Fellowship - Engineering
ANDREW LEWIS	Wells Fargo Global Entrepreneurship
CHRISTOPHER LIGON	F&B Directors In Honor Of Nat Hart
ZHE LIU	Engelstad
DANIEL LOERA	Harold & Mayme Stocker Scholarship-Engineering
TRAVIS LOHMANN	JNWC Re-entry Friendship Scholarship
GUADALUPE LOPEZ	Stan Fulton Honors Program Scholarship
ALYSSA LUCAS-BOLIN	Osher Re-Entry Scholarship
KRISTI LUGO	Caesars Entertainment Scholarship - Undergraduate
CRISTINA MACKE	Jake Garehime Jazz Scholarship
SHARA MAIKRANZ	Bob Genzer/APA Scholarship
CHANELL MALETICH	Sanford I. Berman Debate Forum Scholarship
NACHELY MARTINEZ	Holly and Ben Barton Memorial Scholarship for Undergraduates
JUAN MARTINEZ	Wells Fargo, NV First Generation Scholarship
RICHARD MARTINEZ	O'Rourke Plumbing Scholarship
ANA MATA	John P. & Mary V. Hughes Scholarship
ERIN MATEER	Harrah's Entertainment First Generation Scholarship
CYNTHIA MATHEWS	President's Fellowship
THOMAS MATHWICH	Wells Fargo Global Entrepreneurship
JENNA MAURER	Engelstad
BRIANNA MAYORGA	Greenspun Journalism Scholarship
	Las Vegas Recovery Center Scholarship - Undergraduate
	Fong Graduate In Memory/Bob Brown
	NV Society Certified Public Accountants
	Wolzinger Family Research Scholarship-Graduate

## 2009-2010 Honors Convocation

MILES MAZEY  
GINA MCCLAIN  
AUSTIN MCDONALD  
JAMIE MCKAY  
FEDERICO MENDEZ-JORDAN  
DEANNA MENDOZA  
STEFAN MENESES  
JOSEPH MIKULICH  
KYLE MILLERET  
STEPHANIE MIRANDA-DUMAS  
WASTINA MIRESSA  
KOZUE MITSUNARI  
AMY MOON  
AMY MOON  
JENNIFER MULFORD  
BLAKE NACCARATO

AMY NAKATANI  
JANEEN NANBU  
JESUS NANCI  
JENNIFER NAY  
KATHERINE NEWRONES  
ERIC NGUYEN  
AUTUMN NIELSEN  
JESUS NIETO  
SHAVONNA NOBLE  
RYAN ODIORNE  
STEPHEN OLLILA  
ANNA ONA  
JARREED ORDINARIO  
JESICA ORPINEDA  
ROCIO ORTIZ  
JORGE ORTIZ  
JUANITA ORTIZ-ROBINSON

ADAM OSMAN  
VANESSA OTERO  
RICHA PANDHI  
JOSEPH PANTUSO  
MINA PARK  
MINA PARK  
CHRISTOPHER PARKER  
CHRISTEN PARR  
JAMIE PARSONS  
MARK PAWLAS  
CELINDA PENA  
PADEN PENNY

AUSTIN PERRY  
MICHAEL PERRY  
AMBER PETERSEN  
SONYA PETKOVA  
ALI PETTWAY  
KYRIL PLASKON  
JESSICA POLING-GOLDENNE  
ALICIA PORTILLO  
DOMONIQUE POWELL  
NIPESH PRADHANANGA  
DESIREE PROVENCHER

Wolzinger Family Research Scholarship-Graduate  
Wells Fargo Global Entrepreneurship  
Elaine Marion Scholarship - JNWC  
Wolzinger Family Research Scholarship - Engineering  
Charlotte & Jerry Keller Scholarship for Teacher Education  
Minority Engineering Program Scholarship  
Boyd/Ruvo Scholarship  
Sanford I. Berman Debate Forum Scholarship  
Engelstad  
Liberace Foundation  
NV Society Certified Public Accountants  
John P. & Mary V. Hughes Scholarship  
Hilton Hotels Scholarship  
Alumni License Plates Scholarship  
Alumni License Plates Scholarship  
Earl E. & Hazel Wilson Endowment Scholarship  
Harold & Mayme Stocker Scholarship-Engineering  
Stan Fulton Honors Program Scholarship  
Michael Gail Andress Memorial Scholarship  
Dolores Owens Scholarship - Undergraduate  
Wells Fargo, NV First Generation Scholarship  
Charles & Selma Knauss Scholarship  
Construction Management Advisory Board Scholarship  
Wells Fargo Global Entrepreneurship  
Wells Fargo Global Entrepreneurship  
John P. & Mary V. Hughes Scholarship  
Engelstad  
Bluecoats, Inc./Katz/Kaltenborn Awards  
F&B Directors In Honor Of Nat Hart  
Southwest Medical Associates Nursing Award  
George Sidney Scholarship  
Bluecoats, Inc./Katz/Kaltenborn Awards  
Wells Fargo, NV First Generation Scholarship  
Engelstad  
Elaine Marion Scholarship - JNWC  
Elaine Marion Scholarship - JNWC  
Honors College General Scholarship  
John P. & Mary V. Hughes Scholarship  
Charles & Selma Knauss Scholarship  
C.J. & Jim Bradham Scholarship  
Hilton Hotels Scholarship  
Salvatore P. Semola Scholarship  
Harold & Mayme Stocker Scholarship-Engineering  
Harrah's Entertainment First Generation Scholarship  
JNWC Re-entry Friendship Scholarship  
Christina M. Hixson Endowment  
Wells Fargo, NV First Generation Scholarship  
Greater Las Vegas Association Of Realtors-Undergraduate  
Osher Re-Entry Scholarship  
George Sidney Scholarship  
Michael Tata Memorial Scholarship  
Honors College General Scholarship  
Honors College General Scholarship  
Boyd/Ruvo Scholarship  
Maury Stevens Memorial Scholarship  
Leo Gibrich Endowed Memorial  
Hank Kovell Scholarship  
Silver State Schools Credit Union Scholarship  
Penta Building Group Scholarship for Graduates  
Wells Fargo, NV First Generation Scholarship

## 2009-2010 Engineering Honors Convocation

MEI-LING QIAN  
PRISCILLA QUILLOPO  
BRITTANY RADKE  
AUDREY RAGER  
SAGAR RAICH  
MARIA RAMOS  
NEDA RAYMOND  
MA KATRINA REYES  
ANTHONY RIBAUDO  
CHRISTINA RICHASON  
CHRISTINA RIEGERT  
KELLY ROBERTSON  
SEAN ROBINSON  
MARGARITA RODRIGUEZ

FRANCELL RODRIGUEZ  
ERICA ROSENBERRY  
VALERIE ROSENFELD  
BENJAMIN ROWLEY  
ROBIN ROWLEY  
NERVIK ROY  
CHANON RUANGJUMRUSVET  
ANTOINETTE RUCKER  
MATHEW RUGGLES  
ARNOLDAS SADKEVICIUS  
CHRISTINE SAHAGUN  
ALEX SANDROFF  
APRIL SEELIG

SORAYA SILVERMAN  
CHRISTOPHER SISSON  
AGATA SIWINSKA  
HEATHER SKAZA  
ALISON SLOAT  
VICTORIA SMITH  
JUAN SOLIS  
RACHEL SPARROW  
ALEXIS STEVENS  
SHANICE STEVENS  
DEBRA STEWART  
KAILI STORY  
MONIQUE SULLS  
MAO TADA  
GINA TALAVERA  
TIFANI TAMAYO  
JULIAN TANAKA

LUCILA TAPIA  
ASHLEY TAYLOR  
VINH THAI  
NATHALIE THOMAS  
CAROL-ANN TIBERI  
JENNY TING  
JUDITH TOLMAN  
MALGORZATA TOMASIK  
ELIJAH TREDUP

KAR TSE  
NICHOLAS TULLI

Mitzi & Johnny Hughes Honors Program Scholarship  
Don King/Showtime Scholarship  
Harold & Mayme Stocker Scholarship-Engineering  
Desert Space Foundation Geoscience Award  
Financial Executives International  
Stan Fulton Honors Program Scholarship  
Edward Lovinger Psychology Scholarship for Graduates  
NV Society Certified Public Accountants  
Sanford I. Berman Debate Forum Scholarship  
Greater Las Vegas Association Of Realtors-Undergraduate  
Liberace Foundation  
President's Fellowship  
Minority Engineering Program Scholarship  
Ann Fenton Wyman  
Las Vegas Gem Club  
Dennis Waibel Memorial Scholarship  
Station Casinos Family Scholarship  
Stan Fulton Honors Program Scholarship  
Alumni License Plates Scholarship  
Charlotte & Jerry Keller Scholarship for Teacher Education  
Engelstad  
G. C. Wallace Scholarship  
Don King/Showtime Scholarship  
NV Society Certified Public Accountants  
Earl & Hazel Wilson Annual Scholarship  
Holly and Ben Barton Memorial Scholarship for Undergraduates  
Leo A. Daly Company Scholarship  
Working in Communications  
Working in Communications Special Needs  
Wells Fargo, NV First Generation Scholarship  
Silver State Schools Credit Union Scholarship  
Muriel Stevens Scholarship  
Blue Communities Scholarship  
Jack & Fay Ross Family Scholarship  
Wells Fargo, NV First Generation Scholarship  
Donald L. Wood Scholarship  
Harry Knudsen Memorial  
Osher Re-Entry Scholarship  
Wells Fargo, NV First Generation Scholarship  
Osher Re-Entry Scholarship  
Ronnie Greenblat Memorial Dance  
Las Vegas Recovery Center Scholarship - Undergraduate  
GES Scholarship  
Dan Riley Scholarship  
KLAS-TV Scholarship And Intern Program  
Jake Garehime Jazz Scholarship  
Joe Williams Memorial Scholarship  
Liberace Music Endowment  
Wells Fargo, NV First Generation Scholarship  
Bluecoats, Inc./Katz/Kaltenborn Awards  
Harrah's Entertainment First Generation Scholarship  
Conant, Nelson & Conant Accounting  
Renee and Martin Paluga Scholarship  
NSCPA/CAMICO 5th Year Accounting Scholarship  
Renee and Martin Paluga Scholarship  
Ruthe Deskin Memorial Scholarship  
Midby Byron UNLV Academic Excellence Scholarship  
Stan Fulton Honors Program Scholarship  
Bank Of America Nevada Scholarship  
Jake Garehime Jazz Scholarship

CINDY URENO  
STEPHAN VAN COPPENOLE  
SYLVESTER VARGAS  
LORRAINE VEGA  
MELISSA VEILLEUX  
JASON VIGIL

JANE VILLAFUERTE  
BRIAN VINCENT  
EUGENE WAGNER  
COURTNEY WALDRON

EMILY WARE  
DIANA WASHINGTON  
STEVEN WASHINGTON  
HOWARD WATTS  
ROBERT WEEDMAN  
DAVID WEISER  
MICHELLE WELLER  
JOSHUA WILLIAMS  
LEQUISHA WILLIAMS  
JANELL WITHERSPOON  
DARIO WORKMAN  
CARYN WRIGHT  
ADAM WURTZEL  
LISA YBARRA

LUCAS YBARRA  
BEELEE YOUNG

SIBONEY ZELAYA  
HAILEAB ZELEKE  
ERENDIDA ZEPEDA  
ALINA ZINCHENKO  
STEPHANIE ZOBRIST  
JACOB ZODIERU

DAWID ZYDEK

Joe Williams Memorial Scholarship  
Harrah's Entertainment First Generation Scholarship  
Robert S. and Dorothy J. Keyser Graduate Fellowship  
Intrepid Engineering Scholarship  
Sidney Green Sociology Scholarship  
Las Vegas Recovery Center Scholarship - Undergraduate  
Hilton Hotels Scholarship  
Salvatore P. Semola Scholarship  
GES Scholarship  
Mildred P. Cotner Academic Scholarship  
Jerri Zika-Semenza Memorial Scholarship  
Honors College General Scholarship  
Liberace Music Endowment  
Bluecoats, Inc./Katz/Kaltenborn Awards  
Wells Fargo, NV First Generation Scholarship  
Engelstad  
Michael and Geri Rumbolz Scholarship Endowment Fund  
Bank Of America Nevada Scholarship  
Financial Executives International  
Wells Fargo Global Entrepreneurship  
Jake Garehime Jazz Scholarship  
KLAS-TV Scholarship And Intern Program  
Wells Fargo, NV First Generation Scholarship  
George Sidney Scholarship  
James E. Deacon Scholarship  
Mitzi & Johnny Hughes Honors Program Scholarship  
NV Society Certified Public Accountants  
NV Society Certified Public Accountants  
Rick Parks Scholarship  
Osher Re-Entry Scholarship  
Wells Fargo, NV First Generation Scholarship  
Renee and Martin Paluga Scholarship  
Jerry P. King Construction Management Scholarship  
Cynthia Bunker/Joy McClenahan Memorial Scholarship  
Cynthia Bunker/Joy McClenahan Memorial Scholarship  
Station Casinos Family Scholarship  
Harold & Mayme Stocker Scholarship-Engineering  
Wolzinger Family Research Scholarship - Engineering  
Bally Technologies, Inc. Graduate Scholarship

## **University Awards**

**Dean Venkat & Richard C. Linstrom, Esq., presenters**

### **2009 Harry Reid Silver State Research Award**

The prestigious Harry Reid Silver State Research Award was created in 2001 to honor long-time Nevada Senator Harry Reid and to recognize faculty who have performed research that is both highly regarded and responsive to the needs of the community and state. The award carries a \$10,000 stipend, which is funded through gifts to the UNLV Annual Fund. The award is open to full-time faculty members who are engaged in significant research that meets one or more of the following criteria: Directly and positively affects the economic growth and development of Nevada; Addresses a pressing social need in the community and/or region; and Demonstrably advances significant scholarship in an academic field of knowledge

***Dr. Darrell Pepper***

### **Barrick Scholars Award**

The Barrick Scholar Award is for faculty members with fewer than 10 years of service in an academic environment after the terminal degree. The award includes a \$2,500 stipend to be presented at the annual campus recognition ceremony. The Barrick Scholar Awards are presented annually and are designed to recognize faculty members who have established a record of distinguished research or have demonstrated excellence in the area of creative activity.

***Dr. Sajjad Ahmad***

### ***2009 Academic Advisor Professional Development Award***

Funding for professional development and attendance at the annual NCATA Conference

***Mrs. Jennifer Kennedy***

### ***2009 CSUN Faculty Excellence Award***

In recognition of outstanding classroom instruction awarded by the UNLV CSUN organization

***Dr. Aly Said***

### ***2010 Yellot Award***

This is the highest award given by Solar Energy Division (SED) in recognition of research and educational contributions to the field of solar energy engineering, and to the SED.

***Dr. Robert Boehm, NSHE Distinguished Professor, Mechanical Engineering and Director, Center for Energy Research***

## **College Awards**

### **Distinguished College Researcher**

*Recipient receives a \$1000 monetary award and a plaque to honor them for their outstanding research contributions.*

**Awardee: Dr. Brendan O'Toole**

Honorable Mention:

Dr. Sajjad Ahmad  
Dr. Yingtao Jiang  
Dr. Moses Karakouzian

### **Outstanding College Teacher**

*Recipient receives a \$1000 monetary award and a plaque acknowledging their excellence in the classroom.*

**Awardee: Dr. Jaci Batista**

Honorable Mention

Dr. Fatma Nasoz  
Dr. Aly Said

### **Distinguished College Liason Award**

UNLV, Career Services  
UNLV, Office of Public Affairs  
UNLV, Thomas & Mack Center

### **Certificates of Appreciation presented to:**

UNLV, Division of Student Affairs  
UNLV, Facilities Management  
UNLV, Human Resources  
UNLV, Office of Public Affairs  
UNLV, Office of the Vice Provost, Academic Affairs  
UNLV, Reprographics/Design Services



## **2009-2010 Distinguished Researcher- Brendan O'Toole, Ph.D.**

### **Biography**

Dr. Brendan J. O'Toole is an Associate Professor of Mechanical Engineering and Director of the Center for Materials and Structures (CMS). The CMS is an interdisciplinary center providing funding to nearly 60 faculty, staff and students. Most of the center activity is focused in two areas of research. The first area is the experimental characterization of new materials and structures including high temperature alloys, advanced polymer composites, nano-materials, and energy absorbing structures for shock mitigation. The other major area of research is in the development of efficient and accurate methods for computational analysis and optimization of highly dynamic structures. Examples of problems studied include vehicle impact, smart projectile reliability, explosive loading, and explosive containment. Dr. O'Toole has been a PI or co-PI on over \$10 million in research contracts with funding coming from more than 20 different government agencies and companies. He received his Ph.D. in Mechanical Engineering from the University of Delaware and has held visiting positions with the U.S. Army Research Laboratories funded by the National Academies. He has received over 20 academic awards including the State of Nevada Professor of the Year and the Spanos Distinguished Teaching Award. In addition, Dr. O'Toole has advised student groups that have also won over 20 prestigious national awards including the SAE Super mileage, ASME Human Powered Vehicle, and *FIRST* Robotics national competitions.

### **Active Research**

#### **“Electronics Reliability”**

The U.S. Army is developing “smart” projectiles that can be launched from mobile units. The limiting factor on new designs is the ability of the onboard electronic controls to survive launch. We are developing new mounting structures to improve the reliability of these advanced electronics.

#### **“Vehicle Survivability”**

The U.S. Army also has a pressing need to improve the survivability of crew members and electronic equipment inside vehicles subject to blast loading and projectile impact. We have improved dynamic structural analysis tools for use in the optimizing the vehicle structure to absorb or redirect impact energy away from the soldiers and their critical equipment.

#### **“Functionally Graded Material Development”**

We have been developing a new class of functionally graded composite materials for impact and other energy absorption applications. Unique combinations of honeycomb cores, polymer foams, gelastic dampers, and nano-fiber reinforcement are fabricated together to create a new material optimized for a specific energy absorbing application.

#### **“Reconfigurable Tooling for Advanced Composites”**

We have been working with a Nevada company for over three years in the development of an inexpensive tooling system that can be used for rapid and inexpensive repair or prototype development of high temperature polymer composite materials.

## **2009-2010 Outstanding Teacher- Jaci Batista, Ph.D.**

### **Biography**

Dr. Jacimaria Ramos Batista is an Associate Professor of Civil and Environmental Engineering at the University of Nevada, Las Vegas; where she has been on the faculty since 1997. Dr. Batista holds a Ph.D. in Environmental Engineering from The Pennsylvania State University, a M.S. degree in Environmental Engineering from Montana Tech, and a B.S. degree in Mining Engineering from the Federal University of Ouro Preto, Brazil. She teaches and researches environmental engineering at the University of Nevada Las Vegas. Her area of expertise is biological nutrient removal of nitrogen and phosphorus from wastewaters and inorganic contaminants removal from waters. She has performed significant research on perchlorate and selenium removal and has published over 60 papers and conference proceedings, in the last 9 years, on technologies to remove perchlorate and nutrients from waters. She serves as a consultant to companies in Arizona, California, and Nevada wishing to implement full-scale biological and physic-chemical treatment of perchlorate, arsenic, and chromium. Professor Batista also has research and practical experience with adsorption onto metal oxides. She has worked with concentrated waste solutions from mining heap leaching operations containing significant concentrations of arsenic, selenium, and cyanide. She has researched and published on the influence of silica and calcium on the removal of selenium from waters by activated alumina adsorption. In the area of wastewater treatment, Dr. Batista has significant practical and academic experience with nutrient removal from wastewaters. She teaches advanced water and wastewater treatment. She has investigated the influence of denitrification and sludge holding times on phosphorus secondary release in a large wastewater treatment plant. In addition she has investigated the potential for struvite formation in anaerobic digesters and the generation of volatile fatty acids from the fermentation of primary sludge. She is member of the American Water Works Association (AWWA), the Water Environmental Federation (WEF), the American Chemical Society (ACS), the American Society of Microbiology (ASM), the Association of Environmental Science and Engineering Professors (AEESP), and the Nevada Water Environment Association (NWEA). She collaborates widely with other academic institutions and the industry. Her research has been funded by the US EPA, the American Water Works Association Research Foundation, the National Science Foundation, Clark County Sanitation District, the City of Las Vegas, the Nevada Department of Health Services, the Clark County Flood District, The City of Las Vegas, and the private water industry.

### **Active Research**

In the last two years, Dr. Batista has focused on developing sustainable technologies for the removal of perchlorate, arsenic, and chromium from waters and from brine solutions. She has filed a patent on bioregeneration technology for spent ion-exchange resins. A pilot plant to test this technology is under design in collaboration with the water industry. The research is funded by the private water industry and a major environmental technology firm. The technology under consideration presents a major advancement in the treatment of perchlorate contaminated waters. It is environmentally sustainable because it eliminates the one-way use of resins, thereby minimizing the use of raw materials and energy needed to manufacture new resins.

## **Tau Beta Pi, Engineering Honor Society Inductees**

Tau Beta Pi is celebrating its 125<sup>th</sup> Anniversary. Founded in 1885 to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character as undergraduates in the field of engineering, or by their attainments as alumni in the field of engineering, and to foster a spirit of liberal culture in the engineering colleges.

### **Undergraduate**

Jorge Arroyo  
Omer Ayubi  
Charbel Azzi  
Jeremiah Boles  
Alexander Campos  
James Cordova  
Baldomero Corona  
Steven Correia  
Jose Alan Elizondo  
Nickolas Eubanks  
Jimmy Floyd  
Ann Marie Frappier

Andrew Gardiner  
Casey Griffith  
Dieremi Guerrero  
Michael Gund  
Guadalupe Gutierrez  
Isaac Guzman  
Daniel Hoskins  
Richard Cary Jennings  
Monika Koscienc  
Arnaldo Leyva  
Elyson Liao  
Brian MaGann

Shara Maikranz  
Kamal Kaiser  
Thomas Roberts  
Robert Saylors  
Eleeja Shrestha  
Anthony Todechiney  
Trung Tran  
Maxwell Wilson  
Joseph Wolf  
Richard Zeedyk

### **Graduate**

Abebe T. Berhe  
Jinrong Liu

Nick Gordon  
Kranthi Kumar Potteti

Suchan Lamichhane

## **Service Awards**

### **Engineering Spirit Award**

*Presented to an individual or group that actively and tirelessly promotes the engineering profession in addition to promoting the Howard R. Hughes College of Engineering.*

American Society of Civil Engineers  
Southern Nevada Chapter

Alumna of the Year, Doa Meade '98

**Department Awards**  
**Aerospace Studies/AFROTC**

**Lt Col William Gieser, Presenter**

<i>Distinguished Graduate Awardee</i>	Cadet Burnett
<i>Veteran of Foreign Wars</i>	Cadet Linares
<i>American Legion Scholastic Excellence</i>	Cadet Hunt Cadet Rhodes Cadet Petkova Cadet Gittus
<i>American Legion, General Military Excellence</i>	Cadet Platt Cadet Hoese Cadet Graham Cadet Burnett
<i>Air Force Association</i>	Cadet Petkova
<i>American Veterans</i>	Cadet Accord
<i>United Services Automobile Association (USAA) Spirit Award</i>	Cadet Nelson
<i>Daughters of the American Revolution</i>	Cadet Davis
<i>Reserve Officers Association (Bronze)</i>	Cadet Lennon Cadet Ricci Cadet Sabocor
<i>Daughters of Founders &amp; Patriots of America</i>	Cadet Shumaker
<i>Military Order of World Wars</i>	Cadet Batdorf, Bronze Cadet Green, Silver Cadet O'Brien, Gold
<i>National Sojourners</i>	Cadet Remigo
<i>Military Officers Association of America</i>	Cadet O'Brien
<i>Sons of the American Revolution</i>	Cadet Graham
<i>Scottish Rite Southern Jurisdiction</i>	Cadet Balagtas

## **Aerospace Studies/AFROTC**

*Military Order of the Purple Heart*

**Cadet Jancezko**

*Society of the War of 1812*

**Cadet LaRance**

*National Defense Industrial Association (NDIA)*

**Cadet Andrews**

*National Defense Transportation Association (NDTA)*

**Cadet Hetherington**

*Promotion to the rank of Major*

***Maj. Kristin Brockshus***



## **ARMY ROTC/Military Science**

**LTC Eric Wishart, Presenter**

**Department of the Army Cadet Superior Award** – Regularly enrolled ROTC Cadet in the top 25% in ROTC and academic standing. Selected by the UNLV Army ROTC Battalion Commander's recommendation.

**MSIV: CDT Kevin D. Jaworski**

**MSIII: CDT Mayflor A. Sierra**

**MSII: CDT Richard D. Bailey**

**MSI: CDT Kevin Yim**

## **American Legion Gold, Silver, and Bronze Medals and monetary award**

General military excellence (top 25% of class, displays leadership, discipline, character & citizenship) and scholastic excellence (top 25% academics, participates in student activities, community activities or sports) **Community Presenter: Department Commander Paul Diefenbach & 1<sup>st</sup> Vice Commander Ken Roberts**

**Gold: CDT Keith D. Nathan**

**Silver: CDT Jeremiah B. Benardis**

**Bronze: CDT Jimmy S. Benoit**

**Monetary award: CDT Emmanuel M. Barba**

## **American Veterans of WWII Award**

A full time undergraduate in good standing in all military aspects & scholastic grades at time of selection.

**Community Presenter: LTC Bill Pearce**

**CDT Brynn H. Allen**

## **Association of the United States Army Award**

MSII, top 10% ROTC grades, top 25% in academics

**Community Presenter: LTC Bill Pearce**

**CDT Ryan C. Waller**

## **Association of the United States Army Military History Award**

MSII, top 10% ROTC grades, top 25% in academics.

**Community Presenter: LTC Bill Pearce**

**CDT Reid D. Geary**

## **Daughters of the American Revolution Award**

Member of graduating class, top 25% of cadets in ROTC & academics, demonstrated qualities of loyalty & patriotism, dependability, good character, adherence to military discipline, leadership ability and a fundamental and patriotic understanding of the importance of ROTC training.

**Community Presenter: Ms. Phyllis Noblitt**

**CDT Ethal M. Llanes**

## **Daughters of the Founders & Patriots of America**

**CDT Elizabeth Ochoa**

## **Las Vegas Chamber of Commerce**

**CDT Reelana M. Corpuz**

### **Military Officer Association of America**

An MSIII in good academic standing with a high degree of loyalty and exceptional potential for leadership.

**Community Presenter: LTC Bill Pearce**

**CDT Kyle T. Stewart**

### **Military Order of the Purple Heart Leadership Medal Award**

Positive attitude toward ROTC, holds a leadership position in the Cadet Corps, be active in school and community affairs, and attain a grade of "B" or better in all subjects.

**CDT Ivana V. Williams**

### **Military Order of the World War Awards**

An outstanding Cadet who plans to continue in ROTC; must excel in ALL military & scholastic aspects of ROTC.

**MSIII: CDT Victoria B. Areerob**

**MSII: CDT Michael J. Sheahan**

**MSI: CDT Omar J. El-Takrori**

### **National Sojourners Award**

An MSII w/ intent to continue, top 25% of academic class, and demonstrated potential for outstanding leadership.

**CDT Jeffrey Q. Daybell**

### **Order of the Founders & Patriots of America**

**CDT Rafael Gonzalez**

### **Reserve Officer Association**

**MSIV: CDT Dawrin S. Mota**

**MSIII: CDT Mayflor A. Sierra**

**MSII: CDT Jimmy S. Benoit**

### **Retired Officers Association**

**CDT Jonathan C. Tucker**

### **Society of the War of 1812 Award**

MSII, good academic standing, high moral character.

**CDT Timothy Oh**

**Sons of American Revolution Award**

Be in good standing militarily & scholastically at time of selection, be enrolled in 1st year of either 2 or 4 year program

**Community Presenter: Colonel (retired) Lyn Westmoreland  
CDT Jose Madrid**

**Supreme Council of the Scottish Rite of Freemasonry Award**

Contributed the most among Cadets on campus to encourage & demonstrate patriotism by deeds or conduct while participating in extracurricular activities or community projects. Demonstrated academic excellence by being in top 25% in ROTC academics, recommended by the Battalion Commander. Demonstrated potential for outstanding leadership exhibiting qualities of dependability, good character, self-discipline, good citizenship and patriotism.

**Community Presenter: Mr. John Harney**

**CDT Matthew T. Jarzen**

**USAA Spirit Award**

**Community Presenter: CMSgt Jim Callander  
CDT Cody D. Van Bogart**

**Veterans of Foreign Wars Award**

Any Cadet that demonstrated achievement; concentrated effort in military & academic subjects, and demonstrated capability & diligence in a related activity of ROTC.

**CDT Kevin Yim**

**Department of Civil and Environmental Engineering**

**Dr. Edward Neumann, Presenter**

*Outstanding Graduating Senior Award*

*Outstanding Teacher*

*NSF Career Grant recipient*

**Dr. Sajjad Ahmad**

**Department of Electrical and Computer Engineering**

**Dr. Henry Selvaraj, Presenter**

*Fall 2009 Outstanding Graduating Senior Award*

*Sponsored by Nevada Power and Sierra Pacific.*

*Recipient receives a \$500 monetary award and a plaque.*

**Kristopher Buchanan**

*Spring 2010 Outstanding Graduating Senior Award*

*Sponsored by Nevada Power and Sierra Pacific.*

*Recipient receives a \$500 monetary award and a plaque.*

**Sergio Contreras**

*Spring 2010 Outstanding Teaching Assistant*

*Recipient receives a \$250 monetary award and a plaque.*

**Gopi Krishna Ari**

*Outstanding Electrical and Computer Engineering Professor*

**Dr. Shahram Latifi**

**Department of Mechanical Engineering**

**Dr. Woosoon Yim, Presenter**

*Fall 2009 Outstanding Graduate*

*Recipient receives a \$300 monetary award and a plaque.*

**Matt Cutler**

*Spring 2010 Outstanding Graduate*

*Recipient receives a \$300 monetary award and a plaque.*

**Leo Banchik**

*Outstanding Mechanical Engineering Professor*

**Dr. Robert Boehm, Distinguished NSHE Professor**

*Distinguished Alumnus Award American University in Beirut*

**Dr. Samir Moujaes**

Fellow, American Society of Mechanical Engineers (ASME)

**Dr. Woosoon Yim**

**The distinction of “Fellow”**

The Fellow grade has the privilege of being one of only 2,979 Fellows out of 91,267 ASME members around the world. By continuing to honor our Members by elevating them to the grade of Fellow, we ensure ASME's commitment to its vision "to be the premier organization for promoting the art, science and practice of mechanical and multidisciplinary engineering and allied sciences to our diverse communities throughout the world." The Fellow grade is truly a distinction among ASME members and the engineering and computer science professions.

**School of Computer Science**

**Dr. John Minor, Presenter**

*Outstanding Computer Science Teacher of the Year Award*  
*Faculty member receives a \$500 monetary award*

**Dr. Kazem Taghva**

*Outstanding Computer Science Researcher of the Year Award*  
*Faculty member receives a \$500 monetary award*

**Dr. Wolfgang Bein**

*Outstanding Service to School of Computer Science Award*  
*Faculty member receives a \$500 monetary award*

**Dr. Laxmi Gewali**

*Best Performance at the ACM Regional Programming Competition*

**Lucas Bang**  
**Nick Glorioso**  
**Amy Nakatani**

**School of Informatics**

**Dr. Hal Berghel, Presenter**

*Distinguished Teaching Award*

*Distinguished Research Award*

**Construction Management Program**

**Dr. David Shields, Presenter**

*Outstanding Construction Management Student*

**Whitney Hansen**

*Outstanding Construction Management Faculty*

**Dr. Pramen P. Shrestha**

*Outstanding Adjunct Faculty for the Construction Management Program*

**Brandon Moore, LEED® AP**

*Outstanding Faculty Service to the Construction Management Program*

**Dr. David Shields**

*AACE International AACE Charles V. Keane Distinguished Service Award*

**Professor Neil D. Opfer**

*Outstanding Construction Management Thesis*

**Nipesh Pradhananga**

**Previously Announced Awards**

October 2009 CSUN Student Organization of the Month

*National Society of Black Engineers (NSBE)*

**Service to the College via Committee Membership**

***College Curriculum Committee***

**Georg Mauer, Ph.D.**

Chair Mechanical Engineering Committee

**Sajjad Ahmad, Ph.D.**

College Representative for University Committee & Civil Engineering

***Faculty Affairs***

**Laxmi Gewali, Ph.D.**

Chair & School of Computer Science Representative

**Robert, Schill, Jr., Ph.D.**

Electrical & Computer Engineering Representative

**Samir Moujaes, Ph.D.**

Mechanical Engineering Representative

**Stephen Rice, Ph.D.**

School of Informatics Representative

**Jaci Batista, Ph.D.**

Civil & Environmental Engineering Representative

**Neil Opfer, Professor**

Construction Management Program Representative

**Promotion and or Tenure**

*Wolfgang Bein, Ph.D., Promoted to Full Professor*

*Yoochwan Kim, Ph.D., Tenure and Promotion Associate Professor*

*Matt Pedersen, Ph.D., Tenure and Promotion Associate Professor*

*Ju-Yeon Jo, Ph.D., Tenure and Promotion Associate Professor*

*Thomas Piechota, Ph.D., Promotion to Full Professor*

*Ebrahim Saberinia, Ph.D., Tenure and Promotion Associate Professor*

*Peter Stubberud, Ph.D., Promotion to Full Professor*

*Hualiang "Harry" Teng, Ph.D., Tenure and Promotion to  
Associate Professor*

*Mei Yang, Ph.D., Tenure and Promotion Associate Professor*

**Gratitude from our scholarship recipients:**

“I am writing this letter to express my sincere gratitude to you for providing me with the Bally Technologies, Inc. Graduate Scholarship. I was thrilled to learn of my selection for this honor...Your generosity has inspired me to help others and give back to the community. I hope one day I will be able to help students achieve their goals just as you have helped me.”

Dawid Zydek

“I would like to thank the donor for awarding me the Kunkel Scholarship...I promise you that I will use the money for good purposes and to not let it go to waste. You don't even know how much I appreciate it. ☺ Thank you so much!”

Raphy Feolino

“I am very grateful for this great opportunity. This scholarship will definitely help me immensely throughout my college career, so in return, I offer my continuous success with everything I do in and outside school, and I promise to make you proud with all the goals I am to achieve in the near future.”

Justine Marie Serrano

“I would like to send to you my earnest gratitude for awarding me this scholarship...People like you inspire me to do my best in my academic and professional life.”

Sylvester Vargas

“I did not have the time and energy I would have put into my studies to truly show my best. Your generosity has now given me that very opportunity I needed to full-heartedly devote most of my attention to my college education.”

Iani Batilov

“I was so happy to open my letter saying that I was selected to receive the CSUN scholarship! It is so great and generous of you to offer scholarships...I will work very hard to represent it and make CSUN and the UNLV College of Engineering very proud. This is truly an honor and a great help!”

Stephen McHargue

**Thank you to all our scholarship donors**

ASPE-Southern Nevada Scholarship  
Michael Gail Andress Scholarship  
Bally Technologies, Inc. Graduate Fellowship  
Bob MacDonal cirque du Soleil Scholarship  
CDEP-Fort Valley Scholarship  
Carter & Burgess Scholarship  
Camco Pacific Scholarship  
Carollo Engineers Scholarship  
CDEP Scholarship  
Civil & Environmental Engineering Scholarship  
Clark Construction Scholarship  
Construction Management Advisory Board Scholarship  
Dennis Waibel Memorial Scholarship  
Gundren Eliassen Scholarship  
Nels K. Eliassen Scholarship  
General Engineering Scholarship  
Fred Cox Engineering Scholarship  
Harriet Cox Engineering Scholarship  
G.C. Wallace Scholarship  
Graebel Mechanical Engineering Scholarship  
INCOSE Silver State Chapter, Bill Wells Memorial Scholarship  
Intrepid Engineering Scholarship  
Ray Kozak Memorial Scholarship  
Mrs. Margaret S. Wells & Family Dr. William R. Wells Scholarship  
Marjorie and Victor Kunkel Scholarship  
Michael Patrick Keller Scholarship  
NSPE Southern Nevada Scholarship  
Nevada Minority Engineering Scholarship  
Nevada Power Sierra Pacific Graduate Fellowship  
J. Robert Sletten Scholarship  
Jammarr L. Banks Scholarship  
Jerry P. King Construction Management Scholarship  
Dr. John S. Werth Memorial Scholarship  
Joseph Sedelmeyer Scholarship  
National Security Technologies, LLC MEP Scholarship  
O'Rourke Plumbing Scholarship  
PENTA Building Group Scholarship  
Darrell and Jeanne Pepper Engineering Scholarship  
Perini Building Company  
Schirmer Engineering Scholarship  
Harold and Mayme Stocker Scholarship  
Structural Engineering Association Scholarship  
Professor Herbert Wells Memorial Scholarship  
Dr. John S. Werth Scholarship  
Wingate Foundation Scholarship  
Wolzinger Family Engineering Scholarship  
Wood Rodgers Scholarship  
Wyman Civil Engineering Scholarship  
UNLV CSUN Scholarship  
UNLV Mechanical Engineering *FIRST* Scholarship  
UNLV President and Provost Scholarships



UNLV undergraduate student Shipra De, a triple major in math, computer science and economics, has been named a 2010 Barry M. Goldwater Scholar. De joins an elite group of aspiring scientists, mathematicians and engineers selected from more than 1,111 highly qualified applicants. De will receive \$7,500 toward her undergraduate education as a recipient of the arguably most prestigious scholarship available to undergraduate science majors in the United States.

De, a Green Valley High School graduate and aspiring university professor, actively participates in engineering college activities, the math honors society and the UNLV Honors Student Council. Additionally, she co-authored a paper published in a well-established mathematics journal – a rarity for an undergraduate student. On her triple major, the 22-year-old notes, “math is the language of economics and computer science is its tool. Everything has been a great combination. While I have the opportunity, I’m going to learn as much as possible.”

The Barry M. Goldwater Scholarship and Excellence in Education Program, was established in 1986 to honor the five-term U.S. Republican Senator from Arizona. Many of the 6,000 Goldwater Scholars received further recognition through Rhodes and Churchill scholarships and fellowships from the Marshall Foundation. For additional details, please visit the [Goldwater Scholarship](#) web site.

**Engineer a Difference.**

## ***Alma Mater***

*Alma Mater, we praise you  
For spirit, the eternal flame,  
Strength which never falters,  
A tribute to your name  
Alma Mater, we thank you,  
Exalted Scarlet and Gray.*

*Truth and wisdom from your standard  
In our minds and hearts will stay  
Alma Mater, we cherish you.  
And in our days that are yet to be,  
Our voices let us ever raise  
In honor, U-N-L-V*

