Processional music.......................................................... DePauw University Chorus
Gregory Ristow (Director), Owen Hartnett (piano accompanist)

Opening remarks....................................................... Dr. David Berque, Dean of Academic Life

Introduction of speaker.................................................. M. Christine White
Associate Professor of English and Coordinator of Film Studies Program

Address........................................................................... Chinonye Chukwu (DePauw ’07)

Chinonye Chukwu ’07 is a Nigerian-born, Alaskan-raised filmmaker and recipient of the prestigious Princess Grace Award and Princeton Hodder Fellowship. Chinonye’s debut feature film, AlaskaLand, has been selected to screen globally, including at the Chicago International Film Festival and the New York African Festival at Lincoln Center. The film has been released by New World Distribution and is currently available on iTunes, VOD and other digital and broadcast platforms. Chinonye’s short film, The Dance Lesson, premiered at the Ritz Theater of Philadelphia and was later licensed by mindTV for regional network distribution. The film was also a Regional Finalist for the 2010 Academy of Motion Picture Arts and Sciences Student Academy Awards. More recently, Chinonye completed a project entitled A Long Walk. This film is a short adaptation of the anthologized memoir excerpt, “A Walk Through the Neighborhood” by DePauw Professor Samuel Autman, and is partially funded by a grant from the Princess Grace Foundation-USA. The film has just begun its festival run and will begin screening at several Academy Award Qualifying festivals, including the Cleveland International Film Festival, the Florida Film Festival and the Athens International Film and Video Festival.

Announcement of Awards............................................. Dr. David Berque, Dean of Academic Life
Dr. Mark McCoy, Dean of the School of Music
Dr. Susan Wilson, Professor of Communication and Theatre
Dr. Daniel Gurnon, Associate Professor of Chemistry and Biochemistry
Dr. Pamela Propsom, Professor of Psychology
Kate Knaul, Director of Global Opportunities and Assistant Dean of Academic Life

Presentation of Ferid Murad Medal................................... Dr. Larry Stimpert
Vice President for Academic Affairs

Presentation of Walker Cup............................................ Dr. Brian W. Casey, President

“A Toast to DePauw”....................................................... Emily K. Barnash (’14), Lucas A. Wassmer (’14), Elleka A. Okerstrom (’14), Blake S. Lampton (’14)

Recessional music........... Carla Edwards, Professor of Music and University Organist
“Concerto in A Minor, Movement I” (Bach/Vivaldi)
D. J. Angus-Scientech Educational Foundational Scholarship
For the sophomore or junior majoring in the natural sciences or mathematics who has shown the greatest improvement in GPA from one semester or year to the next.
Emily K. Beckman

I. Nelle Barnhart Award
For the senior who has made outstanding contributions to the co-curricular life of the student body in support of the academic mission of the University. Given in honor of I. Nelle Barnhart, Associate Dean of Students at DePauw from 1949-1979.
Sandy Tran

Joan Westmen Battey Endowed Scholarship
For the sophomore member of Kappa Alpha Theta sorority with the highest GPA in the first semester of her sophomore year.
Hannah K. Viti

David B. Becker Fellows
For upperclass ITAP associates who have demonstrated significant achievement in on-campus and off-campus internship opportunities. A Becker Fellow has assumed a leadership role within ITAP and is recognized for the ability to link on-campus training with real-world IT experience.
Tam V.T. Bui
Karen D. Gregory
Allison A. Orjala
Robert S. Weidner
Ashley M. Conard
Richard J. Gryspeerdt
Oksana M. Polhuy
Sheridan R. Gibson
John S. McGinness
Michael L. Weber

Gertrude and G.D. Crain Award
For students who make the most effective use of the facilities provided by the Eugene S. Pulliam Center for Contemporary Media.
Ciera B. DeCourcy
Dana M. Ferguson
Erin N. Horne
Erin K. Law
Abigail S. Margulis
Bonnie K. Rice
Yunzhu Wei
Nicole J. DeCrisco
Amanda B.B. Finn
Caitlin B. Hutchinson
Jordan R. Lienhoop
Madison T. McIntyre
Ampaporn Thambundit
Lauren M. Wigton
Nicole L. Dobias
Alexandria L. Gasaway
Frances M. Jones
Jacob L. Lynn
Michael W. McManis
Christine B. Webster

First-Year Seminar Essay Contest
James J. McDonnell III, “Extra Terrestrial Intelligence”
Kayli L. Schaefer, “Happiness is in the Eye of the Beholder”
Allison L. Schultz, “The Library Upstairs” and “The Open Sky: Influences on Virginia Woolf’s Feminism”

First-Year Seminar Most Improved Writers
Jeffrey Addo
Simone E. Deighan
Ian L. Good
Kevin M. Keene
Zheng Luo
Hoai N. Pham
Sarah J. Salazar
Emma M. Ueland
Aaron J. Wolfe
Justin F. Barnes
Michael R. Farnan
Karen Hernandez
Jason R. Kirchoff
Michael E. McGrath
George T. Quall
Kayli L. Schaefer
Gesenia Viviescas
Lin Ye
Adam R. Bridges
Jamie L. Fritsch
Taylor A. Ingram
Truc H. Le
Angela N. Newlon
Howard J. Robinson, III
Sean W. Steinman
Ziyuan Wang
Xinxin Zhang
Katherine Cox Hoover Scholarship
For a sophomore who has demonstrated outstanding character, leadership, and special talents in extra-curricular activities. Established by James E. and Katherine Cox Hoover ('51).
Sarah M. Jylkka

Lambda Chi Alpha Prize
For a junior who has made a significant contribution to Christian living at DePauw.
Ashton T. Johnson Grace M. Lazarz Abigail N. Thompson

2013-2014 Information Technology Associates Program Graduates
Branko Bibic Tam V.T. Bui Megan E. Carter
John T. Colton Ashley M. Conard Sheridan R. Gibson
Brian D. Good Kaleb D. Gregory Richard J. Gryspeerdt
Thomas C. Hiller Yechan Hong John D. Hoover
John S. McGinness Linh P. Nguyen Ngoc H. Nguyen
Allison A. Orjala Oksana M. Polhuy Robert S. Weidner

R. Stanley Lawton, Jr. Prize
For students who have expressed and evidenced an interest in attending law school and who have demonstrated potential for high achievement in law school and in the practice of law as a profession. Established in memory of R. Stanley Lawton, Jr. ('36), with gifts from the law firm of Ice Miller and Mrs. R. Stanley Lawton, Jr.
Abigail E. Emmert Ryan M. Heeb Samuel R. Leist

Men’s Hall Alumni Association Endowed Scholarship
For a sophomore and junior who have contributed significantly to the quality of life at DePauw. The winners will have demonstrated or promoted through their campus efforts the principles and ideals memorialized by the Men’s Hall Association.
Amanda B.B. Finn Ashley J. Junger

Thomas Mote Public and Global Health Senior Award
For the senior who has done the most to promote the health of populations.
Amber L. Franklin

Martha Weddell Nicholson Endowed Scholarship
For a junior (rising senior) woman majoring in the sciences who plans a career in science or who plans to pursue a graduate science or medical degree and who has a high GPA in her science major. She should have significant campus involvement and leadership outside her academic department and good character and be likely to appreciate the past contributions of alumni who make this and other scholarship awards possible.
Hannah H. Lukemeyer

Clifton J. Phillips Archives Research Award
For the student who has created the best research project using a significant amount of resources from the Archives of DePauw University and Indiana United Methodism.
Carroll T. Bible ‘13

Margaret Gilmore Library Science Scholarship
For a DePauw woman graduate who is especially qualified to receive expert training as a librarian.
Taylor D. O’Brien ‘13

Alice G. Ross Senior Award
For an outstanding senior woman from Indiana. The award is in memory of George A. Ross’ mother, a housemother at Kappa Alpha Theta.
Alexandria L. Gasaway

Stuart and Jane Watson Delta Tau Delta Endowed Scholarship
For members of the Delta Tau Delta fraternity with the highest GPA in their class at the end of the fall semester.
Daniel Furman Stephen W. Kubiak James E. McMechan
Randal L. Wilson Memorial Union Board Award
For a junior who has made outstanding contributions to campus life. Established by Margaret Hardgrove Wilson ('41) and her husband Robert in memory of their son, who had been president of the Union Board.

Dakota N. Watson

Phi Beta Kappa
Phi Beta Kappa, founded in 1776, is the oldest and most respected honorary society in the United States. The Indiana Alpha Chapter was chartered at DePauw in 1889.

Caitlin M. Adams ('14) Samantha M. Anderson ('14) Carianna D. Arredondo ('14)
Jillian C. Balser ('14) Shelby L. Beasley ('14) Ethan E. Brauer ('14)
Jack E. Burgesson ('14) Anna M. Butz ('14) William A. Calderwood ('14)
Logan P. Cash ('14) Akanksha Chawla ('14) Elizabeth R. Conley ('14)
Mackenzie M. Cremans ('14) Stephen C. Dobbs ('15) Huong T.T. Dao ('14)
Clark C.M. Edwards ('14) Abigail E. Emmert ('14) Kaitlyn D. Frische ('14)
Paige W. Gooch ('14) Vincent S. Guzzetta ('14) Benjamin J. Hazen ('14)
Yechan Hong ('14) John D. Hoover ('14) Frances M. Jones ('14)
Laura Y. Kooiman ('14) Meredith D. Lockman ('15) Elise M. Lockwood ('14)
Kristina R. Mulry ('14) Andres E. Munoz ('14) Hai V. Nguyen ('14)
Linh P. Nguyen ('14) Ngoc H. Nguyen ('14) Margarita Nikonova ('14)
Christine F. Norris ('14) Kristin R. Otto ('14) Aashray Patel ('14)
Lauren N. Perkins ('14) Haley A. Pratt ('15) Tao Qian ('15)
Yizhou Ren ('14) Cole P. Rodman ('14) Benjamin J. Roess ('14)
Lauren E. Salay ('14) Ann E. Sarkisian ('14) Katherine R. Shover ('14)
Garth E. Synnestvedt ('14) Katherine A. Vaky ('14) Emily C. Vincent ('15)
Julie A. Wittwer ('15) Shuyang Yu ('14) Weiqing Zhang ('14)
Yukun Zheng ('15)

SCHOOL OF MUSIC

John and Esther Browning Scholarship
For an outstanding pianist or violinist completing the junior year at DePauw.

Jenny L. Miller

Leah Curnutt Prize
For an outstanding student majoring in music education or piano. Established by Mildred Gardner ('47), a School of Music alumna and lifelong friend of Professor Leah Curnutt. Professor Curnutt taught at DePauw from 1935-1970.

Megan E. Kessler

Fitzpatrick Opera Award
For the senior vocalist who has contributed the most to opera productions during his or her time at DePauw. Dr. Fitzpatrick taught at DePauw from 1963-1991.

Emily K. Barnash

Meghan Parker Memorial Prize
For the outstanding first-year vocalist in the School of Music. Established through gifts from family and friends in memory of Meghan Parker, who was killed in an automobile accident in September 1990, at the beginning of her first year at DePauw.

Sarah J. Pistorius

Performance Certificates
For seniors who have attained a high degree of excellence in applied music.

Emily K. Barnash Gwendolen L. Eberts Blake S. Lampton
Susan G. Miller Elleka A. Okerstrom Carly J. Tebelman
Lucas A. Wassmer
Presser Undergraduate Scholar Award
For an outstanding junior majoring in music.
  Daniel T. Hickey

Van Denman Thompson Award
For a senior who has achieved excellence in scholarship, musicianship and activities. Established by Van Denman Thompson, who taught in the School of Music from 1911-1957.
  Gwendolen L. Eberts

Pi Kappa Lambda Music Honorary
The national music honorary society, to which students are inducted on the basis of scholarship and musicianship.
  Gwendolen L. Eberts
  Anna B. Gatdula
  Elleka A. Okerstrom
  Daniel T. Hickey
  Thomas R. Piotrowski

ARTS AND HUMANITIES

DEPARTMENT OF ART AND ART HISTORY

Art Department Scholarship
For students selected by the Department of Art and Art History to receive funds for materials, books or studio fees at the student’s discretion for furthering art studies while at DePauw.
  Taylor M. Zartman

Vera May Knauer Farber Award
For a sophomore or junior studio art major, with preference given to one who uses direct observation as a source for imagery. Established by Vera May Knauer Farber ('36).
  Lauren M. Arnold

Indiana Artist-Craftsmen/Talbot Street Art Fair Prize
For deserving underclass students majoring in studio art, to be used for the purchase of art supplies. Established in honor of Richard Peeler, who taught ceramics at DePauw from 1958-1972, and Marjorie Peeler.
  Alexandria E. Moore

William Meehan Prize in Art
  Carianna D. Arredondo
  Tyler C. Davies

Senior Art History Prize
For a senior art history major.
  Meghan C. Gieseker

A. Reid Winsey Memorial Art Scholarship
  Mi Lin

DEPARTMENT OF CLASSICAL STUDIES

Kairos Award for Achievement in Latin
Awarded to the student who has demonstrated significant achievement in Latin at the advanced level.
  Yukun Zhang
Outstanding Senior Major
For a graduating senior majoring in Classical Civilization, Latin or Greek who has achieved outstanding academic success and/or made significant contributions to the department during his or her four years at DePauw.
       Genevieve H. Flynn

Georgia M. Watkins Prize
For the outstanding beginning Greek student and the outstanding beginning Latin student.
       Victoria J. Cline (Greek)

Eta Sigma Phi
Classical Studies National Honor Society for the study of Greek and Latin
       Erin V. Crouse  K. Nichole Dyer  Victoria E. Gregory
       Alecia V. Kubicki  Jenny L. Miller  Chelsea C. Schumacher
       Elisabeth S. Wilson

DEPARTMENT OF COMMUNICATION AND THEATRE

Don Campbell Award
For the senior man and woman who contributed most toward theatre while at DePauw, selected by members of Duzer Du, the theatre honorary.
       Richard M. Allen, III  Brittney K. Biddle

Stephen Gentry Scholarship
For a junior dedicated to excellence in broadcast journalism.
       Erin K. O'Brien  T. Parker Schwartz, II

Margaret Noble Lee, Class of 1882, Prize for the Promotion of Public Speaking
For success in an extemporaneous speaking contest open to all DePauw students.
       Simone E. Deighan (1st)  Vincent S. Guzzetta (2nd)  Samuel R. Leist (3rd)
       Lauren L. Owensby (4th)

Barbara Petty Award
For the senior who has shown dedication to DePauw theatre, relative proficiency in an area of theatrical ability, and promise of future professional achievement in theatre.
       Brittney K. Biddle  Elise M. Lockwood

Elizabeth Turnell Award
For the senior with high academic achievement who has contributed the most toward broadcasting and who shows promise of professional achievement in electronic media. Ms. Turnell taught at DePauw and advised WGRE from 1944-1971.
       Brian K. Alkire  Suzanne E. Spencer

Robert O. Weiss Speaker of the Year
For the member of the Debate Team who has contributed the most to the vitality of the program and who shows the most promise as a wise, effective, and ethical advocate in the future.
       Ronnie D. Kennedy, Jr.

WGRE Award
For the student who has contributed the most to WGRE
       Nicole L. Dobias  Christine B. Webster
Lambda Pi Eta  
National Communication Association Honor Society  
Bailey L. Anstead  Jamie A. Catton  Kelsey N. Christensen  
Paige N. Fehr  Katharine G. Funke  Sheridan R. Gibson  
Paige T. Henry  Marissa N. Pinto  Amanda M. Stephens  
Elizabeth A. Warren

DEPARTMENT OF ENGLISH

Christena Biggs-Kathleen Steele College Writing Award  
For recognition of “greatest achievement” or “greatest improvement” for College Writing. Chris Biggs and Kitty Steele taught at DePauw from 1972-2002 and 1958-1996 respectively.  
Odessa O. Fernandes  Corey A. Medina

Walker Gilmer Prize  
For the junior or senior English major who is most outstanding in literature. Established in honor of Professor Emeritus of English Walker Gilmer, who taught at DePauw from 1963-1997.  
Abigail E. Emmert  Jessica G. Maginity

Gilpin Prize in Dramatic Writing  
For a senior who is outstanding in playwriting or screenwriting.  
Richard M. Allen, Ill  Donald W. Potter, Ill

Mary Smith Hamer Journalism Prize  
For a sophomore or junior who has excelled in journalistic endeavors and who demonstrates promise for a career in journalism. Established in memory of Mary Smith Hamer (’70).  
Nicole J. DeCriscio

J. David Hogue (’21) Journalism Scholarship  
For a sophomore or junior with demonstrated ability and interest in the field of journalism. Established in memory of the distinguished journalist and editor by Mrs. J. David Hogue (Mildred Robinson ’21) and Mrs. Harold Corneilson (Margaret Ellen Hogue ’56).  
James R. Easterhouse

Roy and Anna Kennedy Prize in Creative Writing  
For the senior who has most distinguished himself or herself in creative writing and who shows great promise as an artist. Established by Adam Kennedy (’46) in honor of his parents.  
Caitlan M. Adams

Chad Kostel Memorial Scholarship  
For a junior or senior who has a commitment to writing as a profession. Given in memory of Chad Kostel, a former student of the Department of English who went on to a career as a writer and editor.  
Kunkyong Lee  Juan C. Rodriguez  Alison L. Stephens

Elizabeth B. Powell Prize  
For a junior who exhibits outstanding ability in the area of written communications and usage of the English language. Established in 1987 by the friends and family of Mrs. Powell.  
Emily C. Vincent  Adrienne M. Westenfeld

Paul Query Prize in Poetry  
For a senior writing major who is an outstanding poet. The award also includes a special feature section in A Midwestern Review.  
Carianna D. Arredondo
William G. Schoenhoff Award
For the senior who, in the judgment of the Department of English, has achieved most in growth during his or her four years at DePauw. Established in memory of Mr. Schoenhoff by his parents.
Mackenzie M. Cremens

Judith Shakespeare Award
For a junior or senior English literature major who is exceptionally gifted in literary interpretation.
Shelby L. Beasley

DeWitt Wallace-Reader's Digest Print Journalism Award
For juniors who have demonstrated a career interest in print journalism.
Leann D. Burke  Abigail S. Margulis

DEPARTMENT OF HISTORY

Charles and Mary Beard Senior Seminar Prize
For the outstanding senior seminar paper in the previous academic year. Established by an anonymous donor.
Anne M. Wake ('13), “Assembling the Pieces: Loyalist Women’s Lives Before, During, and After the War for American Independence”

William Wallace Carson History Scholarship
For academically promising sophomore and junior history majors. Established as a gift from Mrs. Samuel H. Swint in 1968 in honor of Dr. Carson, who taught at DePauw from 1916-1953.
Charles W. Carey, Jr.  William A. Gleason  Hang D. La

John Dittmer Award
For the senior history major with the highest grade point average in history. Established in honor of John Dittmer, Professor Emeritus in American history.
Benjamin J. Roess

Phi Alpha Theta
History National Honor Society
Christine E. Betterman  Rachel A. Burris  William A. Calderwood
Charles W. Carey, Jr.  Kortney D. Cartwright  Courtney E. Cosby
Rachel S. Dauenbaugh  Devin E. Freed  Leah M. Freestone
Leslie R. Fuqua  William A. Gleason  Hang D. La
Grace A. Oczon  Paige J. Powers  Matthew J. Reda
Sheridan L. Schulte  McLouis H. Souza  Alexander V. Tinsman
Rhys E. Weber  Mark A. Wells

DEPARTMENT OF MODERN LANGUAGES

Professor Ralph F. Carl Endowed Prize
For the senior with the highest GPA in French through the fall of the senior year. Professor Carl taught at DePauw from 1947-1948 and from 1952-1982.
Lauren E. Salay

G. Hans Grueninger Prize
For the outstanding student in German. Established by friends and former students of Professor Grueninger at his retirement. Dr. Grueninger taught at DePauw from 1930-1968.
Meredith A. Menzel
Laurel H. Turk and Esther L. Turk Prize for Spanish
For the senior Spanish major with the highest cumulative GPA in Spanish through the fall semester of the senior year and/or who has made significant contributions to the department.

Chelsea N. Ohler

Laurel H. Turk and Esther L. Turk Scholarship for Spanish Language
For sophomore or junior students majoring in Spanish, or in another discipline but with a concentration in Spanish, who have demonstrated high academic achievement and/or leadership skills. Dr. Laurel Turk taught at DePauw from 1928-1968.

Susana C. Castro Nicholas A. Horn

Merle Royse Walker Language Award
For the outstanding senior in modern or classical languages.

Anna M. Butz

DEPARTMENT OF PHILOSOPHY

Bioethics Bowl Team
Bioethics Bowl is held annually in conjunction with the National Undergraduate Bioethics Conference. It is patterned after the national Ethics Bowl competition, but the focus of the case studies is limited to issues in bioethics. Teams are judged mainly on the clarity and cogency of their arguments and the effectiveness of their responses to the opposing team.

Michael E. Arnould, Jr. Ethan E. Brauer Luke B. Miller
Kristina R. Mulry

Regional Ethics Bowl Team
The Ethics Bowl is a national competition in which teams of 3-5 students debate complex and puzzling moral questions that may deal with personal, professional or social and political ethics. Teams are judged mainly on the clarity and cogency of their arguments and the effectiveness of their responses to the opposing team.

Ethan E. Brauer* Nicole J. DeCriscio Benjamin A. Gorman*
Kaleb D. Gregory* Meredith D. Lockman Jonathon C. McFadden*
Luke B. Miller* Alexander M. Moss Kristina R. Mulry*
Alicia N. Tutini

The * denotes those students who are members of the National Ethics Bowl Team.

SCIENCE AND MATHEMATICS

DEPARTMENT OF BIOLOGY

Marcella Fletcher Memorial Award
For a biology major who is pursuing advanced education.

Jillian C. Balser

Dr. John C. Frazier Memorial Prize / Albert E. Reynolds Outstanding Senior Award
For the outstanding senior biology major.

J. Cameron Wiethoff

Charles and Frances (Wylie) Condit Science Scholarship
For a promising sophomore or junior biology major. Established by Mr. and Mrs. Charles M. Condit to assist promising sophomores or juniors to further their studies in the fields of science and mathematics.

Emma E. Clor Emily C. Vincent
Truman G. Yuncker Endowed Merit Scholarship
For the outstanding junior biology major. Dr. Yuncker taught botany at DePauw from 1919-1944.
Clare O. Hasken

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Donald J. Cook Scholarship
For gifted sophomore or junior chemistry majors. Established by the Percy L. Julian family in honor of Dr. Cook, Professor of Chemistry from 1945-1980, on the occasion of his retirement. Many other admirers of Dr. Cook have contributed over the years to this endowment.
Evan M. Miller

Awesome Dawson Award
For seniors who attend more than twenty seminars over the course of their junior and senior years.
Samantha M. Anderson Vincent S. Guzzetta

Percy L. Julian Memorial Scholarship
For talented students, based on excellence and potential for success, to pursue training in chemistry and other fields. Established by the late Anna Julian in memory of her distinguished husband, Dr. Percy L. Julian ('20), scientist, civil rights activist, and businessman, as well as trustee and benefactor of DePauw University.
Robert A. Allen Nicholas R. Moore Jia Qi

John Ricketts Endowed Prize in Physical Chemistry
For the student who shows the highest achievement in physical chemistry. Established by former students of Professor Ricketts, who taught at DePauw from 1952-1989.
Cole P. Rodman Lauren E. Salay

John Ricketts Prize for Exemplary Participation in Research
For students whose engagement in undergraduate research is particularly meritorious and usually culminates in a senior thesis. Established by the department in 2008 as a result of gifts to the University by former students of Professor Ricketts, who taught at DePauw from 1952-1989.
Alicia A. Erwin C. Michael Curts

Charles and Frances (Wylie) Condit Science Scholarship
For a promising sophomore or junior chemistry or biochemistry major. Established by Mr. and Mrs. Charles M. Condit to assist promising sophomores or juniors to further their studies in the fields of science and mathematics.
Page N. Daniels Madeline F. Perry

ACS Division of Analytical Chemistry Award
This award goes to a student showing ability, promise and interest in the area of analytical chemistry.
Vincent S. Guzzetta

DEPARTMENT OF COMPUTER SCIENCE

Outstanding Service to the Computer Science Department
For a computer science major who contributes exceptional service to one of the department's programs.
Rajat Kumar Tao Qian

Robert J. Thomas Outstanding Computer Science Senior
For an academically excellent senior Computer Science major carefully selected by all members of the Computer Science faculty. Dr. Thomas taught at DePauw from 1958-1991.
John D. Hoover
Charles and Frances (Wylie) Condit Science Scholarship
For a promising sophomore or junior computer science major. Established by Mr. and Mrs. Charles M. Condit to assist promising sophomores or juniors to further their studies in the fields of science and mathematics.

Zoe R. Copeland  Michael C. Davidson

DePauw Computer Science Honorary Society
For junior and senior computer science majors, who are admitted on the basis of outstanding academic achievement in their computer science coursework.

Branko Bibic  Zoe R. Copeland  Kyle A. Coronel
Kevin J. Courtade  Michael C. Davidson  Benjamin D. Harsha
Marcus W. Hayes  Yechan Hong  John D. Hoover
Rajat Kumar  James T. Newman  Ngoc H. Nguyen
Yandan Ni  Tao Qian  Derrick S. Roach
Graham T. Singer  Tarun M. Verghis  Rudra Vishweshwar
Congshu Wang  Kyle M. Zachary

DEPARTMENT OF GEOSCIENCES

Dr. Charles Leonard Bieber Scholarship
For sophomores or juniors excelling in the major of geosciences. Established by Professor Bieber, who served as department chair from 1947-1965.

Henry C. Binning  Elizabeth K. Dilbone  Forrest G. Kunkel

Hugh Richard Gault Memorial Fund
For worthy students majoring in geosciences. Established by Arrabella B. Gault in honor of her husband, Hugh Richard Gault ('36), a Rector Scholar active in science and civic and school affairs.

Kelsey C. Furman  T. Alexander Grissom

Ernest Rice “Rock” Smith Memorial Scholarship
For geosciences majors with a cumulative GPA of at least 3.25. Established by the former students of Ernest “Rock” Smith, who was head of the Department of Geology from 1921-1947, in recognition of his excellence and dedication as a teacher. Prof. Smith retired to Ithaca, New York, and served as president of the Paleoanthropological Research Institute until his death in 1952.

Stephen C. Dobbs  Nicholas J. Williams

Charles and Frances (Wylie) Condit Science Scholarship
For a promising sophomore or junior geosciences major. Established by Mr. and Mrs. Charles M. Condit to assist promising sophomores or juniors to further their studies in the fields of science and mathematics.

Emma J. Cooper

DEPARTMENT OF KINESIOLOGY

Charles and Frances (Wylie) Condit Science Scholarship
For a promising sophomore or junior kinesiology major. Established by Mr. and Mrs. Charles M. Condit to assist promising sophomores or juniors to further their studies in the fields of science and mathematics.

Jonathan J. Krok  Heather E. O’Brien

DEPARTMENT OF MATHEMATICS

H.E.H. Greenleaf Memorial Award
For worthy students majoring in mathematics. Established in memory of Herrick Greenleaf, who taught at DePauw from 1921-1960.

Emily A. Curnow  Yechan Hong
Charles and Frances (Wylie) Condit Science Scholarship
For a promising sophomore or junior mathematics major. Established by Mr. and Mrs. Charles M. Condit to assist promising sophomores or juniors to further their studies in the fields of science and mathematics.

William P. Johnson

Association for Women in Mathematics
The Association for Women in Mathematics (AWM) is a non-profit organization founded in 1971. AWM's main goal is to encourage women in the mathematical sciences. AWM currently has more than 4100 members (women and men) representing a broad spectrum of the mathematical community, from the United States and around the world.

Zixuan Chen  Qi Dai  Tianqi Li
Casseia N. Todd  Savannah D. Trees  Xiaoyu Wang
Ashley J. Wong  Xinchun Yu  Xinyu Zhou

DEPARTMENT OF PHYSICS AND ASTRONOMY

O. H. Smith Endowed Scholarship
For junior or senior physics majors who have demonstrated exceptional ability and potential. Established by friends and former students of O. H. Smith, who taught at DePauw from 1925-1952.

Quincy L. Abarr

Austin D. Sprague Scholarship
For a sophomore or junior physics major. Established by Austin Sprague, Professor of Physics from 1946-1971.

Alexander C. Hankins

Charles and Frances (Wylie) Condit Science Scholarship
For a promising sophomore or junior physics major. Established by Mr. and Mrs. Charles M. Condit to assist promising sophomores or juniors to further their studies in the fields of science and mathematics.

Evan M. Zelesnik

DEPARTMENT OF PSYCHOLOGY

Rex Rector Service Award
For senior psychology majors who have shown outstanding achievement in the area of human service. Given in memory of Dr. Rector, who taught in the psychology department at DePauw from 1957-1980.

Caroline R. Hall

Senior Thesis Seminar Award
For senior psychology majors for outstanding performance on senior research projects and senior theses.

Kimberly W. Klee  Laura Y. Kooiman

Kenneth S. Wagoner Research Award
For the senior psychology major who has shown the highest research potential and dedication to experimentation as the surest road to an expanding and dependable structure of knowledge. Given in honor of Dr. Wagner, an outstanding researcher and scholar, who taught at DePauw from 1946-1977.

Andres E. Munoz

Charles and Frances (Wylie) Condit Science Scholarship
For a promising sophomore or junior psychology major. Established by Mr. and Mrs. Charles M. Condit to assist promising sophomores or juniors to further their studies in the fields of science and mathematics.

Sydney E. Cason  Haley A. Pratt

Psi Chi
Psychology National Honor Society

Kelsey N. Christensen  Lily M. Farnsworth  Emma C. Haynes
Margarita Nikonova  Chelsea C. Schumacher  Ashley E. Ullyot
Emily M. Welch
DEPARTMENT OF ECONOMICS AND MANAGEMENT

Frank T. Carlton Senior Award
For the outstanding senior economics major. In honor of Frank T. Carlton, who taught at DePauw from 1919-1927.
William A. Calderwood

Randal L. Wilson Memorial Award—Junior
For a junior economics major who shows a sincere dedication to the field of economics and is judged most likely to make a positive and worthwhile contribution to that field in the future. Established by Margaret Hardgrove Wilson (‘41) and her husband Robert in memory of their son.
Hien T. Nguyen

Randal L. Wilson Memorial Award—Senior
For the senior economics major who has contributed the most to the Department of Economics and Management at DePauw and to the field of economics in general, and who shows promise in the future. Established by Margaret Hardgrove Wilson (‘41) and her husband Robert in memory of their son.
Tam V.T. Bui

DEPARTMENT OF EDUCATION STUDIES

Education Studies Department Award
For a transformative intellectual who through coursework and extracurricular activities has demonstrated an awareness of personal power and agency, the ability to engage in social critique and problem solving, and who consequently takes informed and principled action in the interest of social justice.
Shavon R. Mathus

Robert H. and Vera May Farber Outstanding Senior in Education Award
For the most outstanding senior majoring in education studies based on GPA. Dr. Robert H. Farber taught and served as dean at DePauw from 1936-1936 and 1937-1979.
Allison B. Kirby

Kappa Delta Pi
Education Studies National Honor Society
Kandyce D. Anderson  Morgan R. Graves  Sarah M. Jylkka
Allison B. Kirby  Ryan E. Konicek  Shavon R. Mathus
Lauren N. Perkins  Sarah E. Stricker

DEPARTMENT OF POLITICAL SCIENCE

Richard Watson Bunch Memorial Scholarship
For the outstanding junior political science major. Established by Mrs. Richard W. Bunch (Eugenia Anderson ’29) in honor of her husband.
Alexander S.K. Parker

Stephen Charles Sellett Memorial Award
For the outstanding senior political science major. Established in 1971 by Dr. and Mrs. Thomas Sellett in honor of their son, Stephen Charles Sellett, a DePauw graduate who was killed in action in Vietnam in 1970.
Shelby L. Beasley  Katherine A. Vaky
Pi Sigma Alpha
Political Science National Honor Society

Leif I. Anderson  Rachel A. Burriss  Clark C.M. Edwards
Stephanie G. Grauer  Rachel A. Hanebutt  Samuel R. Leist
Meredith D. Lockman  Rachel K. Massoud  Andres E. Munoz
Alexander S.K. Parker  Marissa N. Pinto  Tiffany A. Tat

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Paul C. Glick Award
For an outstanding senior in sociology and anthropology. Established by Paul C. Glick ('33), professor emeritus at Arizona State University, past president of the Population Association of America and for many years Senior Demographer of the U.S. Bureau of Census.

Gwendolen L. Eberts  Kristin R. Otto

Roland Naylor Award
For students interested in conducting fieldwork in anthropological archaeology.

Alexis S. Freund

Alpha Kappa Delta
Sociology National Honor Society

Anna M. Butz  Margaret C. Campbell  Sarah E. House
Celia S. Klug  Melanie R. Studnicka  Clarissa A. Zingraf

Lambda Alpha
Anthropology National Collegiate Honor Society

Hannah C. Miner  Elizabeth D. Notestine

HONORS AND FELLOWS PROGRAMS

HONOR SCHOLAR PROGRAM

Dr. Irving Serlin Distinguished Honor Scholar Award
For the graduating senior in the Honor Scholar Program who best exemplifies the ideals of an Honor Scholar.

Abigail E. Emmert

2013-2014 Honor Scholar Program Graduates

Caitlin M. Adams, “Shakespeare’s Successful Sisters: The Reincarnated Judith in the Works of Munro, Egan, and Gilbert”

Lincoln J. Barlow, “Assessing the Viability of Converting Indiana’s Energy Framework to Renewable Sources by 2050”

Shelby L. Beasley, “States and the State of Nature: Understanding State Failure through Evolutionary Theory”

Kelly E. Blair, “Spirits and Syringes: Malaria as an Epidemic, a Punishment, and an Act of War”

Megan E. Carter, “Poetry of Place: Reflective Centers in Putnam County, IN”

Rachel S. Dauenaugh, “Coleman Young’s Detroit: A Vision for a City”

Clark C.M. Edwards, “Unpacking the Suitcase: The Real Last Chapter of Alice Paul and Peg Edwards’s Activism, and Why These Stories Matter”

Kristen N. Fairchild, “Dystopian Language and Thought: The Sapir-Whorf Hypothesis Applied to Constructed Forms of English”
Jocelyn N. Jessop, “Social Childbirth and Communities of Women in Early America”
Samuel B. Johnson, “Life as an Only Child: Modern Psychology’s Take on the Stereotypical Only and the Economic Viability of Smaller Families”
Maritza J. Mestre, “Like Husband and Wife”: The Role of Susan B. Anthony and Elizabeth Cady Stanton’s Friendship in Advancing Their Personal and Professional Successes”
Andres E. Munoz, “From Passive Receptacles to Active Contenders: Ovulation and Intrasexual Competition in Human Females”
Christine F. Norris, “Perception and Communication of Nonverbal Emotion: In Close Relationships”
Patrick T. Schmitz, “German Foreign Policy in the Cyber Age”
Katherinere Shover, “From Marsquakes to Terraforming: The Role of Planetary Geology in Science Fiction Literature”

MANAGEMENT FELLOWS

2013-2014 Management Fellows Program Graduates
Ayobamidele F. Animashun
Camron P. Burns
Elizabeth R. Conley
W. Hunter Goble
Caitlin J. Hickey
Erika L. Krukowski
Anh Q. Nguyen
James B. Surpless

Branko Bibic
Adam W. Cecil
Kyle A. Coronel
Paige W. Gooch
Thomas C. Hiller
Madeline A. Leclair
Aashray Patel
Jared M. Timmer

Brendan J. Bolander
John T. Colton
Leslie R. Fuqua
Mary V. Grady
Adam G. Johnson
Eric A. Malm
Kelsey L. Smith

MEDIA FELLOWS

2013-2014 Media Fellows Program Graduates
Brian K. Alkire
Abigail L. Dickey
Alexandria L. Gasaway
Marissa G. Jansen
Stephanie M. Sharlow

Bailey L. Anstead
Abigail E. Emmert
Emily A. Green
Maritza J. Mestre
Rebecca M. Stanek

Zachary W. Crenshaw
Dana M. Ferguson
Lydia R. Hayden
Donald W. Potter, III
Robert S. Weidner

SCIENCE RESEARCH FELLOWS

2013-2014 Science Research Fellows Program Graduates
Samantha M. Anderson
Ashley M. Conard
Vincent S. Guzzetta
Chelsea N. Ohler
Lauren E. Salay

Jack E. Burgeson
C. Michael Curts
John D. Hoover
Cole P. Rodman
Robert A. Wieland

Allison M. Caplinger
Carly T. Dutkiewicz
Carter D. Mikesell
Drew M. Rohm-Ensing
ENVIRONMENTAL FELLOWS

Barbara Kingsolver Award
Given to the graduating Environmental Fellow who most exemplifies the ideals and mission of the Environmental Fellows Program and who has exhibited these through a record of academic achievement, service and impact on the program and the University, and promise of achievement.

Lauren C. Krumwiede

2013-2014 Environmental Fellows Program Graduates
Laura E. Crawford Shannon K. Crosby Lauren C. Krumwiede
Samuel R. Leist Oksana M. Polhuy Jacquelyn E. Stephens

NATIONALLY COMPETITIVE FELLOWSHIPS AND AWARDS

Critical Language Scholarship
A program of the U.S. Department of State, Bureau of Educational and Cultural Affairs, the Critical Language Scholarship (CLS) Program offers intensive summer language institutes in thirteen critical foreign languages.

Jeffrey T. Easterling ’13, for the study of Arabic (Turkey)

Fulbright U. S. Student Program Grants
The largest U.S. international exchange program, Fulbright offers opportunities for students, scholars, and professionals to undertake international graduate study, advanced research, university teaching, and teaching in elementary and secondary schools worldwide.

Anna M. Butz, English Teaching Assistantship (Colombia)
Ashley M. Conard, Study/Research Grant: “Deducing protein design rules for domain-peptide interactions” (Belgium)
Abigail E. Emmert, English Teaching Assistantship (Turkey)
Claire E. Jagla, English Teaching Assistantship (South Korea)
Samuel R. Leist, English Teaching Assistantship (Turkey)

Benjamin A. Gilman International Scholarship
The Gilman Scholarship Program aims to diversify the kinds of students who study abroad and the countries and regions in which they study.

Stephanie Fernandez (Spain)
Savon M. Jackson (India)

Barry M. Goldwater Scholarship
The Goldwater Scholarship Program encourages outstanding students to pursue careers in mathematics, the natural sciences, or engineering and fosters excellence in these fields.

Stephen C. Dobbs (Geoscience)
Evan M. Miller (Biochemistry, English Literature)

National Science Foundation Graduate Research Fellowship
The NSF Program provides three years of support for outstanding graduate students pursuing research-based master’s and doctoral degrees in the fields of science and engineering.

Ashley M. Conard (Computer Science)

The recipients of other nationally competitive fellowships and awards will be announced later in the spring.
FERID MURAD MEDAL

The Ferid Murad Medal recognizes the senior who has had the most significant scholarly and/or artistic achievements during his or her time at DePauw. The award is named after DePauw graduate and Nobel laureate Dr. Ferid Murad, class of 1958. In 1998, Dr. Murad received the Nobel Prize in Medicine for his discovery of the role of nitric oxide in the cardiovascular system, which led to changes in treatment following a heart attack.

Ferid Murad Medal Nominees 2014

| Samantha M. Anderson* | Meredith D. Lockman |
| Ethan E. Brauer | Trina M. Manalo* |
| Anna M. Butz | Maritza J. Mestre* |
| Mackenzie M. Cremeans | Cole P. Rodman |
| Gwendolen L. Eberts | Katherine R. Shover |
| Dana M. Ferguson | Garth E. Synnestvedt |
| John D. Hoover | Weiqing Zhang |

(* denotes those students chosen as finalists)

BIOGRAPHIES

Ferid Murad Medal Finalists 2014

Samantha M. Anderson
Samantha Anderson is a biochemistry major and history minor from Wonder Lake, IL. Samantha is graduating from DePauw in three years as both a Rector Scholar and a Science Research Fellow. Committed to teaching science, she has worked as a teaching assistant for the Chemistry and Biochemistry Department and as a Quantitative Reasoning Center tutor. She has also encouraged other women to pursue their interest in science through her role as a peer mentor for the Women in Science organization. Samantha has worked on five different research projects during her time at DePauw. As a first year student, she learned how to weld while designing and building the protein sculptures that now hang in the atrium of the Percy L. Julian Science and Mathematics Center. This work was carried out as a collaborative research project between biochemists and artists. Samantha found her passion for science research while completing a second research project that investigated protein structure and function. During another project, Samantha worked to create a drought resistant plant that could make its own water. Based on this work, combined with extraordinary classroom performance, the Department of Chemistry and Biochemistry awarded Samantha the Wylie-Condit Science Scholarship for promising science students. This past summer, Samantha completed an internship in biochemistry and microbiology at the University of Wisconsin-Madison. This work resulted in a recent publication in Molecular Microbiology. Currently, she is working on a project focused on neglected tropical diseases. Many of Samantha’s projects cumulated with poster sessions and oral presentations where Samantha was able to hone her science communication skills. Samantha plans to continue her education at the University of Wisconsin-Madison in the Integrated Ph.D. Program in biochemistry.

Trina M. Manalo
As a student at DePauw University, Trina Manalo wanted to make the most of her scholarly career. Although she was not in the Science Research Fellows program, she sought and obtained a research opportunity with the Indiana University School of Medicine for the summer after her first year of college. During this experience, Trina investigated nutrient deficiencies in the nation’s largest Burmese refugee population for the Department of Health of Allen County. Trina worked with DePauw Professors Daniel Gurnon and Jacob Stanley, and ten students to create the sculptures that hang in the atrium of the Percy Lavon Julian Science and Mathematics Center. Additionally, Trina worked with Professor Gurnon to create a user-friendly interface explaining the science behind the sculptures, which are part of the
University’s permanent art collection. Her work is part of an ongoing project to create an interactive kiosk for the atrium. Trina joined Professor Pascal Lafontant’s lab in her junior year and continues to conduct research with him. She examined cardiac remodeling in the Giant Danio fish after injury induced by the cancer drug doxorubicin and determined the mechanism of remodeling. Currently, Trina is working on in vitro fertilization of Giant Danio fish for future studies. Among her accomplishments, Trina contributed to an abstract that was selected to be presented at the Indiana Physiological Society conference in 2013, and which won first place. She was again selected to present at this conference in 2014. Her research was also selected as one of eleven national finalists for the undergraduate poster presentation competition held by the American Association of Anatomists in both 2013 and 2014. Additionally, Trina helped complete a project started by previous students. This work resulted in Trina being listed as a co-first author on a paper entitled “Cardiac repair and regenerative potential in the goldfish (Carassius auratus) heart” published in Comparative Biochemistry and Physiology.

Maritza J. Mestre
Maritza Mestre is a sociology major, Honor Scholar, and Media Fellow from Urbana, Illinois. She is a member of Phi Beta Kappa, Alpha Kappa Delta International Sociology Honor Society, and Order of Omega Greek Honor Society, for which she served as the Vice President her senior year. Maritza has benefited greatly from the unique, challenging, and rewarding experiences at DePauw and from the endless support of her professors as she has pursued her intellectual goals. During her first and second years she served as a section editor of The DePauw, for which she received four state-level awards for published articles. During her Media Fellows internship, Maritza worked at the United Nations World Food Programme in Rome. Additionally, Maritza interned with Teach for America, teaching sociology and English as a second language in a high school in Memphis, TN. Her sophomore year, Maritza presented a paper titled “Representations of Body Image, Diversity, Self, and Agency in Popular Teen Magazines” at the DePauw Undergraduate Honors Communication Conference. This spring she presented her sociology senior thesis titled, “‘Sweeping it Under the Rug’: Student and Faculty Experiences Discussing Race and Ethnicity’ at the North Central Sociological Association Conference. Last summer Maritza worked as a research assistant at the University of Illinois, helping to code data on a federally funded grant investigating grade school students’ experiences with bullying. Her Honor Scholar thesis entailed a content analysis of Susan B. Anthony and Elizabeth Cady Stanton’s letters. This research analyzed the role of their friendship in advancing the pair’s personal and professional goals. Maritza’s experiences as a First-Year Mentor, writing tutor, and sociology tutor, combined with her research experiences, inspired her to pursue a career as a professor, and she will enter Indiana University’s Ph.D. program in sociology this fall.
The Walker Cup is awarded each year to the graduating senior who has done the most for DePauw University during his or her college career. The prize was established in 1926 by a gift from Guy Morrison Walker, Class of 1890, a successful businessman and presidential advisor. Traditionally, the Walker Cup recipient speaks at commencement.

BIographies
Walker Cup Finalists 2014

Olivia C. Flores
Olivia came to DePauw University with a passion for others that has since become an ardent desire to be an instrument for individual empowerment. Olivia began her college career by involving herself in activities that fueled her appetite for exploration. From singing in DePauw University's Choir, to co-founding a female a capella group, laterally entering the Honor Scholar Program, to being an avid fan of student endeavors like the International Bazar and Wamidan, Olivia feels she has gained a diverse and valuable perspective from a wide array of opportunities on campus. Since then, Olivia has found that she has enjoyed a more focused approach to improving the DePauw University community. She has been exhilarated by working with individuals in the Academic Resource Center as a writing and speaking tutor and has had the opportunity to serve as a teaching assistant in the Summer English Immersion Institute at DePauw for two years. Her continued desire to lead and explore took her to Tena, Ecuador where she co-led a group of students and medical professionals to provide sustainable medical care to some of the poorest villages in Ecuador through the Timmy Global Health program. Olivia's curious nature also allowed her to spend five enlightening months in Buenos Aires, Argentina after receiving the Benjamin A. Gilman International Scholarship. Olivia has served as a leader in multiple positions in the Greek community, has been chosen as a GOLD Scholar, and was nominated for the Women's Center “Woman of the Week.” Olivia currently enjoys serving as a Presidential Ambassador and as DePauw University's Executive Vice President for DePauw Student Government. Olivia continues to believe that her biggest accomplishment at DePauw is her role as a first-year mentor and advocate for others. The individual relationships she has had the privilege of fostering on and off campus have taught her more about herself, justice, and about the human condition than any other part of her education. To the professors, staff, and students who have contributed to this experience, she gives her most sincere thanks.

Benjamin J. Hazen
Benjamin is a Kinesiology major from Morganton, North Carolina. A contributing factor in his decision to attend DePauw was the opportunity to play sports at the collegiate level, and he has lettered in soccer as well as track and field. Ben has succeeded on and off the field, becoming a member of Mortar Board and Order of Omega. Pursuing his interest in medicine, Ben became a certified EMT during the Winter Term of his first year at DePauw, and he has since volunteered in the Putnam Country Emergency Room and worked in the Grace Hospital Emergency Department in North Carolina. Applying his science background, Ben also conducted cardiac research at the Cleveland Clinic Lerner Research Institute. At DePauw, Ben served as a first-year resident assistant and first-year mentor. During his senior year, Ben was selected to be a leadership assistant for the Office of Campus Living and Community Development. Some of the projects he worked on included improving alcohol initiatives as well as enhancing DePauw's admission process. He was also selected as a Presidential Ambassador and is the current president of the Student Athletic Advisory Committee. He has served on the executive board of his fraternity, Phi Kappa Psi. One of Ben’s most significant contributions was to bring a chapter of Phi Delta Epsilon, an international medical fraternity, to DePauw to improve pre-medical students’ undergraduate experience and to help with the process of medical school applications. In his spare time, he has been a volunteer coach for the Putnam County Youth Soccer Association as well as a volunteer at Ridpath Elementary School. Ben has been accepted to several medical schools but has yet to select which one he will attend next fall. Ben has appreciated the many opportunities that DePauw University has afforded him both in and out of the classroom. He is honored to have been nominated for the Walker Cup Award.
Sandy Tran
Sandy, a first generation college student from Chicago, was granted a full-tuition leadership award, the Posse Scholarship, to attend DePauw University. With the interest of instilling peace within her surroundings, Sandy is majoring in Conflict Studies. As a trained mediator for the Restorative Justice Program on campus, Sandy utilizes her peace-making skills to restore relationships for disputing parties. She extends her willingness to help others through the Bonner Scholars Program where she is a regular volunteer for the Greencastle Housing Authority and for Asbury Towers Retirement Community. As a Bonner Scholar, she has contributed over 1,500 hours of service (and still counting) to the Greencastle, Chicago, and San Diego communities. Beyond the classroom, Sandy serves as a Presidential Ambassador, an associate member educator for the multicultural sorority, Sigma Lambda Gamma, and works as a first-year mentor. In the past, she has developed other leadership skills by working as a resident assistant and by being the first member in her sorority to be initiated into the Order of Omega. One of her most significant achievements is initiating a social movement on campus called “The Movement.” She mobilized a group of more than 20 student leaders and activists to push for initiatives that aim to integrate the student body and to create a more diverse and sensitive academic environment for all students. So far, she has been successful in facilitating cross-cultural dialogue among different affinity groups, which has led her to build a larger community of supporters for The Movement. This achievement has also led her to empower underclass students to take on leadership opportunities such as facilitating weekly meetings and becoming the agents of change within their own communities. After graduation, Sandy will continue her passions of empowering others by becoming a special education teacher for Teach for America in Hawai’i. Beyond that, she has committed her life to spreading love, positive energy, and peace within the lives of all who she encounters.

Please join us in the Great Hall for a reception and refreshments immediately following the convocation.
SENIOR SHOWCASE PARTICIPANTS

Emily Barnash, Music Performance (soprano), accompanied by John Clodfelter, piano, “To this we’ve come” from *The Consul* – composed by Gian Carlo Menotti (1911-2007)

John Sorel has been shot after attending a secret revolutionary meeting. He comes back to his house and meets his wife Magda and his mother who is tending her grandchild. The secret police are after him and he leaves the house to go into hiding. The Mother sings a lament as she rocks the child, asking if they will ever see the end of the oppression and tyranny evident in the world.

Shelby Beasley, English (Literature), “I actually had him”: A Closer Look at the Missing Faults of Paul Morel

In D.H. Lawrence’s *Sons and Lovers*, Paul Morel struggles to find lasting love in his relationships with Miriam Leivers and Clara Dawes while also trying to understand his troubling relationship with his mother. Lawrence weaves an incredibly nuanced and real story with multiple generations of the Morel family playing into Paul’s struggle. His characters are authentic, coming alive with faults, traits, interests, and distinct personalities. However, multiple critics have interpreted *Sons and Lovers* with a blatant and marked biased, describing Paul as some kind of passive martyr, his failures in love merely being the result of bad circumstances. It is the women of the story, they argue, who ruin Paul’s chances for love and happiness because they are so “possessive” of him, though they never bother exploring Paul’s faults that contribute rather significantly to his own problems. Their very gendered analysis closes off Lawrence’s vibrant text, making it loathsome in its perceived misogyny and phallocentrity. This paper attempts to counter these critics by bringing to light just how balanced and rich Lawrence’s writing is.

Ethan Brauer, Philosophy, Is Physics it?

There is a puzzling relationship between fundamental physics and the so-called special sciences—sciences such as psychology or economics or biology that deal with a particular type of phenomena that generally occur at a higher level of description than physics. On the one hand, the objects of special sciences are all made out of physical materials and their interactions are all at base physical interactions, suggesting that special sciences can in some way be reduced to physics. On the other hand, there are laws of special sciences that, on their face, cannot be accounted for in physical terms, which makes it difficult to actually give such a reduction of special sciences. In my essay I examine a recent view of reduction due to David Albert and Barry Loewer, concluding that it has significant deficiencies and is unable to provide some of the things we would expect from a good reduction of the special sciences.

Anna Butz, Modern Languages (Spanish), Violent Tendencies: The Impact of Violence on Youth

This thesis for Spanish seminar, Voces Hacia la Esperanza, aims to explore the relationship between the U.S. military’s School of the Americas (now called WHINSEC) and violence in Latin America in the second half of the twentieth century, and forms of resistance to this type of violence, particularly the School of the Americas Watch. The aim of my paper is to address not only WHINSEC and the SOAW, but to also reflect a greater structural relation between the U.S. military and the citizens of Latin America.
Will Calderwood, Economics and Management, A Game Theoretic Model of Successful Gun Control: A Study of Social Optimality, Nash Equilibrium, and Experimental Economics

While previous empirical studies on gun prevalence and crime have returned conflicting results, this study presents a game theoretic model for gun control that allows for the analysis of various gun control policies in the context of a game between lawful citizens and criminals. In my presentation, I will discuss a theoretical model for the gun market, as well as present the findings from an empirical test of the model I developed. Based on the results, I will also propose a policy prescription for American gun violence.

Will Calderwood, History, The Revolution That Wasn’t: How Advertising’s Creative Revolution Missed its Chance to be Truly Creative

Popularized by the hit TV series *Mad Men*, this presentation tells the story of advertising’s most notable transformation in the 20th century. Given a name as conceited as the participants, advertising’s “creative revolution” comes complete with trumped up heroes, skillful raconteurs, and insights notable only for their divergence from the status quo. In this telling, however, the story’s protagonist is not the man who gained fame and fortune from his straightforward, honest, and believable style, but rather a little known copywriter from San Francisco who embodied everything the creative revolution could have been and was not.

Elizabeth Cangany, English (Creative Writing), Mismatched Socks

This creative nonfiction memoir project follows the author as she learns to carve a place in the world for herself. Growing up in a conservative Indianapolis community, where she was told if she drank a beer at a party she would develop a meth habit and if she had sex an STD would cover her body in oozing sores and ruin her life, set her up for the life of a late bloomer. In this project she learns to accept that advice with a grain of salt and experience it all for herself.

Kelsey Christensen and Joshua Champion, Psychology, The Effects of Appearance-Based and Health-Based Interventions on Sun Protection Behaviors in College Students (Faculty Advisor Christina Wagner)

According to the CDC, only 45% of 18-to-24 year-olds use sunscreen, seek shade, or wear protective clothing. College-aged individuals often feel invulnerable to cancer and perceive the rewards of sun exposure as high and the costs of using sun protection as high. Researchers investigated the effects of two interventions, appearance-based or health-based, compared to a control condition, on the attitudes, sun protection intentions, and sun protection behaviors of college students going on spring break to warm climates. The appearance-based and health-based interventions were hypothesized to increase sun protection behaviors, intentions, and stages of change among students during spring break.

Amy Clark, Caitlin Cleary, Micheline Figel, and Joey Tedeschi, Biology, Forest Stand Dynamics in the DePauw Nature Park (Faculty Advisor, Vanessa Fox)

We aim to present how the forest composition of the DePauw Nature Park has changed over the last five years. We did this by tagging, mapping, and measuring every tree in 2.6 hectares of the Nature Park. We measured the diameter at breast height of each tree and compared the basal area of the trees in 2008 and 2013. We found that there was a significant change in basal area over the last five years. There is more basal area now than in 2008. This is good, because it means the DePauw Nature Park is healthy and growing. The forest is continuing to sequester more carbon, helping to reduce some of DePauw University’s carbon footprint.
Rebekah Coble, Modern Languages (Spanish), Presente

In this paper, I discuss the effect growing up in violent environments has on children. I propose that children are not inherently violent, but learn violence in their youth, when they are most susceptible to its impacts. I examined studies in Ciudad Juarez and El Paso, definitions of aggressive behavior and its manifestation in children, and studies about the process of becoming a hit man. I found a positive correlation between violent environments and aggressive behavior in children. There is also a trend toward normalized violence in these societies, which makes jobs, such as that of the hit man, acceptable.

Ashley Conard, Computer Science, Creation and Implementation of D4M Algorithm for Protein Analysis

The objective of this project is to quickly diagnose a patient with any kind of infection residing in protein space. Current analysis methods are slow and can be automated using the Dynamic Distributed Dimensional Data Model (D4M). The goal is to reduce analysis time down to one hour so patients can be informed of their illness before leaving the doctor’s office. D4M incorporates sparse linear algebra, associative arrays, and triple-store/NoSQL databases to combat Big Data analysis problems. Each input DNA sequence undergoes changes to be compared to the database of all known proteins (e.g. Bacteria and Viruses). Results show that this analysis is more accurate and takes significantly less time (down to about an hour) than the current gold standard.

Mackenzie Cremeans, Geosciences, Shear and Circulation of Granular Materials in Conveyance Restraints

Biomass is important to the fuel industry. However, the energy density is not high enough to warrant transport over long distances. Therefore, small scale transport and handling methods are necessary. The behaviors of slow granular flows, such as biomass on a conveyor belt, are still poorly understood and are often defined only under very specific circumstances. It is known that biomasses of variable size sort into layers, with smaller particles falling beneath larger particles while the larger particles rise to the top, but most of the other behaviors are not consistent across parameters. In the study, we manipulated the aperture height and width of the hopper to determine how these variables affect the probability of jamming and rat holes, as well as mass outflow rates of corn stover conveyance. The results show that belt width affects the occurrence of jams, while door height affects the occurrence of rat holes, both of which disrupt the uniformity of flow. Based on our experimental conclusions, the middle door height and narrow belt width were the most uniform.

Gwen Eberts, Music Performance (bassoon), accompanied by John Clodfelter, organ, “Sonata Prima” – composed by Giovanni Antonio Bertoli (1605-1669)

Giovanni Bertoli was a bassoonist and composer in the early Baroque era. He wrote the Compositioni musicali, the earliest known set of solo sonatas for bassoon and basso continuo. This piece would have originally been played on either a baroque bassoon or the dulcian, a predecessor of the modern bassoon.

Gwen Eberts, Sociology and Anthropology, Infertility, Assisted Reproduction, and Reproductive Tourism in Malaysia

Assisted reproductive technologies (ART) have expanded rapidly since the first successful case of in-vitro fertilization (IVF) in 1978. Due to the rising availability of ART, the ethical and legal issues surrounding its use are highly contested. In Malaysia, however, dialogue regarding the use of ART is just beginning. My research focuses on Malaysia’s ART industry and the development of regulations for this industry. This includes a discussion of who benefits from ART in Malaysia (specific ethnic groups and/or socioeconomic groups), the role that “reproductive tourism” plays in Malaysia, as well as the effects that religion, economics, and other cultural factors have on the Malaysian ART industry.

The international community has become increasingly involved in post conflict peacebuilding. These initiatives are complicated affairs. One component of peacebuilding that seems especially important is education. A significant literature is now available that examines how education might both encourage and discourage sustainable peace. One important challenge is developing history curricula that acknowledge the past without reaffirming hostilities and group animosity. How history is taught will vary culturally and must be specific to each conflict. Case studies, such as Rwanda, can provide insight into the struggles of creating a history curriculum and incorporating education into peacebuilding.

Leah M. Freestone, Michael B. Tobin, and Michael M. Britton, Biology, Why Pink? An Investigation of Floral Color Change in Saponaria Officinalis (Faculty Advisors, Dana A. Dudle and Sandra L. Davis)

*Saponaria officinalis*, also known as Bouncing Bet or Common Soapwort, is a protandrous flowering plant, meaning that a single flower’s stamens (male organs) are mature before its stigma (female organs). In this species, a color change from pink to white coincides with the transition from male to female-phase flowers. As in most vascular plants, anthocyanins are the pigments responsible for floral color in *Saponaria officinalis*. A 2012 comparison of anthocyanin concentrations and pinkness values demonstrated that flowers grown in full sun were pinker than those grown in 60% shade, suggesting an environmental component (sunlight) to floral color. In 2013, we investigated whether or not this color change is heritable and beneficial to the organism’s fitness (i.e. adaptive) by testing for a genetic component of color change, whether or not pollinators have a color preference, and if the color change affects the plant’s reproductive fitness. In our experiment, we used clones of eight different genotypes and randomly assigned them within full sun and 60% shade plots. We then collected five flowers from each plant to compare floral color, shape and size, and seed set in the sun and shade treatments. To test pollinator preference for floral color and shape, we observed contrasting arrays of flowers for 20 minute intervals and recorded the number and identity of insect visitors to each array. Anthocyanin content varied significantly among genotypes and between treatments in male and female-phase flowers, and some genotypes exhibited greater plasticity than others, suggesting a genetic component to floral color change. Diurnal pollinators displayed a clear preference for male flowers over female flowers, but when controlling for color, pollinators lacked a preference for the shape of the male flowers. Overall, pollinators discriminated against the color pink. As far as reproductive fitness, the 2012 data concluded that pinker flowers produced fewer seeds, and the 2013 data was collected in the fall in a follow-up project. In the future, observing nocturnal pollinators could provide a better understanding of pollinator preference. Additionally, further research into the possible protective function of anthocyanins in flower petals could aid in answering the overarching question of “Why pink?”.

Brian Good, Physics and Astronomy, Fluid Galilean Cannon

When a test tube filled with water is dropped onto a solid surface, it creates a tall spout known as a Worthington jet. As the jet gets taller, spherical droplets are ejected from it at speeds greater than the impact speed of the test tube. This phenomenon is similar to that of the Astroblaster, or Galilean cannon, in which stacked Superballs demonstrate conservation of momentum and energy. By using high-speed video analysis, we aim to draw parallels between these two systems, describing the Worthington jet in terms of discrete components.

Ryan Heeb, Political Science, Elections: Wellsprings of Democracy

This review article of three important books by renowned Americanists David Mayhew, StephenSkowronek, and Gerald Rosenberg—on Congress, the presidency, and the Supreme Court, respectively—reinforces the centrality of elections in democratic political systems. Additionally, viewing these works through the elections lens will help us to gain a better understanding of the three branches of the American national government as well as the American electoral process. Finally, I will show how several concepts advanced by the authors can be put together to form a conception of elections in American democracy.
Ronnie Kennedy, Political Science, The Need to Remember and the Power to Forget: An Evaluation of the 1995 Enola Gay Exhibit at the Smithsonian Museum

My paper will ultimately show how the narrow understanding of the ending of World War II resulted in the silencing of a critical analysis of Truman’s rationale which not only continues to institutionalize a one-sided American collective memory and history, but also impedes the country’s ability to meaningfully analyze past policy decisions. Not adequately dealing with the past and recognizing our missteps as a country only encourages us to make the same mistakes in the present and future.

Erin Komornik, Kinesiology, Modulation of Segmental Reflexes with Increasing Task Complexity

Reflexes are often considered to be automatic responses to an external stimulus. For example, when tapped under the knee your leg extends. It is a common belief that a reflex cannot be altered. Yet previous reports suggest that reflexes are modulated depending on the task. The purpose of the present study was to determine the changes in reflex response of the soleus (a muscle in the calf) as quiet standing was made more complex through altering stance.

Laura Kooiman and Kimmie Klee, Psychology, Personality Influences on Facebook use in Generation Me

“Generation Me,” which refers to individuals born after the 1980s, is unique in that it is the first to grow up with the Internet and online social networking such as Facebook.com. This study observes the interplay between personality factors and Facebook use of members of Generation Me using a questionnaire and blind coders’ Facebook profile observations. We found that narcissistic college students were likely to have high self-esteem. Self-esteem also proved to be a buffer against negative outcomes such as envy, loneliness, and Facebook addiction. Additionally, we observed fewer Facebook friends and increased envy in participants that reported high loneliness.

Lauren Krumwiede, Environmental Fellows, Putting Permaculture into Practice on DePauw’s Campus Farm

As a member of the first class of DePauw Environmental Fellows, I was given creative license to shape my own field experience, a mandatory component of the honors program. I chose to take an online permaculture course and use what I learned to design a garden for DePauw’s recently established campus farm. In my presentation, I will explain the principles behind my design and the many purposes the garden is meant to serve within the context of the campus farm. I will also discuss how the design is currently being implemented as well as the garden’s projected evolution over time.


Herod, restless on his luxurious couch, watches the dance of the almond-eyed women whose sole purpose in life is doing his pleasure. He cannot endure their presence now, for his thoughts are of nothing but Salome; he longs for her with the urgent desire that every powerful man has for the unattainable. A serving woman brings him a mysterious potion that will enable him to see a vision of the woman he most loves. Herod hesitates a moment, for fear that it may be a trick to poison him, but desire is too strong. He drinks the potion, and in the aria “Vision fugitive,” beholds a maddeningly tantalizing vision of Salome.
Adam Luhman, Education Studies, The Missionary as a Decolonizing Agent
The research question is "Can the missionary become a decolonizing agent". This question emerges out of narratives of role performance. It questions whether or not the missionary can be culturally neutral. It questions the morality and methodology of destroying communities to rebuild them around new religious principles. The research also demands that we rethink the concept of the skilled practitioner with respect to pedagogical practices employed by missionaries and service providers. The project should expand our understanding of decolonizing pedagogies and those that perpetuate colonial identity relationships. With this analysis, a suggested pedagogy for missionaries may be developed.

Kyle Mackey, Kinesiology, Lactate Clearance Eight Hours Post-alcohol Consumption
Alcohol consumption following competition or a training bout is commonplace in sport. Lactate is produced during high intensity exercise of relatively short duration. Lactate production has been associated with fatigue. Little is known about the ability to remove lactate from the muscle the morning after alcohol consumption. The purpose of the present study was to measure changes in lactate removal following a high intensity short duration bout of cycle exercise after consuming an amount of alcohol that raised blood alcohol content to 0.1%.

J'Nai Macklin, Khadijah Crosby, Leah M. Freestone, Biology, Phenotypic Plasticity of Saponaria officinalis Clones across Light Environments (Faculty Advisor, Dana Dudle)
Phenotypic plasticity is the capacity of a genotype to exhibit variable phenotypes in different environments. Our lab group is studying the phenotypic plasticity of Saponaria officinalis, a weedy plant that reproduces by cloning and by sexual reproduction. We compared leaf traits, stem pigments, and seed production of eight clonal genotypes grown in two different light environments, full sun and 60% shade. We hypothesized that the genotypes would vary in their response to light, in both vegetative and reproductive traits. Leaves were extracted from plants grown in a common garden, and their dry mass, saturated mass and average leaf area were recorded. Those values were used to obtain the specific leaf area and leaf dry matter content. Anthocyanins were extracted from stems and lambda max was obtained using absorbance spectrometry. Seed fitness was estimated by comparing the number of seeds in insect-pollinated and hand-pollinated flowers. Results show both phenotypic and genotypic differences across light environments.

Trina Manalo, Adedayin Johnson, Pascal J. Lafontant, Biology, Cardiac Fibroblasts Network Organization and Activation in the Junctional Region of the Giant Danio Heart
The Giant danio (GD) and zebrafish (ZF) are small fish belonging to the diverse family of cyprinids; they both display the remarkable ability for heart regeneration. Our lab has recently described the complex junctional region between the compact and spongy myocardial layers of the ZF heart. How these two distinct layers are integrated in the GD has not been studied. Using light, scanning, and transmission electron microscopy (TEM), we show that the compact and spongy heart are linked and integrated through a unique set of transitional cardiac myocytes, with contacts mediated through discrete membrane appositions and adherens junctions. We also found a complex network of fibroblasts with extensive cytoplasmic processes occupying the junctional region and investing the GD compact heart. To ascertain fibroblasts function, we treated GD with low dose of the antineoplastic agent doxorubicin. We observed the accumulation of collagen in the compact heart and increase in fibroblasts endoplasmic reticulum, as well as cytoplasmic polyribosomes suggesting a state of activation. We conclude that resident cardiac fibroblasts in the compact heart of the GD are responsive to stress and are key to the accumulation of collagen that accompany the doxorubicin-induced injury response.
**Teresa Mazzini**, Music, From Challenges to Rewards: My Semester Student Teaching at Lawrence Central High School

My experience at Lawrence Central High School has been the best experience I could have asked for here at DePauw. In this presentation I will discuss the performing arts department and the students that challenge, motivate, and reward me. Lawrence Central High School is a school unlike any that I have worked for and has opened my eyes to what happens at a school with a more realistic demographic.

**Heidi Meuth**, Music, Making a Difference: My Student Teaching Experience in Avon School Corporation

For the past semester, I student taught at Pine Tree Elementary School and Sycamore Elementary School in Avon. During my experience, I learned a great deal about classroom management, lesson planning and working with elementary students. I also grew as a student and teacher, and refined my philosophy of education. In this presentation, I will share my experiences as I taught 810+ students, with 6 general music classes in every grade level k-4.

**Susan Miller**, Music Performance (violin), “Romanza Andaluza” – composed by Pablo de Sarasate (1844-1908)

*Romanza Andaluza*, published in 1879, is the third of Pablo de Sarasate’s eight Spanish dances for violin and piano. The dances were commissioned to be included in an ethnic dance series that began with Brahms’ Hungarian Dances and was followed by Dvorak’s Slavonic Dances. Written to show off the composer’s own virtuosic violin playing, *Romanza Andaluza* displays the warm, folk melodies of Andalusia, Spain.

**Chelsea Naylor**, Religious Studies, Revelation and Legitimation: an Examination of Daoism and Mormonism and the Authority of Text

In two separate instances of scriptural revelation on which this discussion will focus—Joseph Smith’s discovery of the Book of Mormon and the Daoist unearthing of The Correct Rites of the Celestial Heart—the circumstances revolving around each individual text and discovery story lend to the establishment of the text as authoritative, and legitimates its position in society. The legitimation of a text leads to the expansion of an existing religion—as *The Correct Rites of the Celestial Heart* did in Daoism—or an altogether new take on doctrine and theology—as Mormonism did in regards to Christianity.

**Joey Ni**, Computer Science, Autonomous Robotics Network for Foreign Terrain Exploration

This project consists of a network of three autonomous miniature robots that can explore their surroundings on their own and allow tele-operation through the network. Individually, the robots will be able to 1) localize, i.e. each robot will be able to calculate their distance from each other 2) explore their surroundings as commanded by the programmer through the ZigBee network 3) rendezvous in a single meeting point 4) capture interesting photographs of their surroundings and send them back to the programmer, where “interesting” is customizable by the programmer.

**Elleka Okerstrom**, Music Performance (soprano), accompanied by Amanda Hopson, piano, “Oh quante volte” from *I Capuleti e i Montecchi* – composed by Vincenzo Bellini (1801-1835)

Giulietta is alone in her room devastated about her impending marriage to Tebaldo. She longs to be reunited with her beloved, Romeo.
Kristin Otto, Sociology and Anthropology, Humanizing and Heroizing the Fetus: The Production of Reproduction at the Chicago Museum of Science and Industry

Museums are political institutions that produce meaning using material objects and visual exhibitionary techniques. The “Your Beginnings” exhibition, part of the larger “You! The Experience” exhibit at the Chicago Museum of Science and Industry, exemplifies the production of a narrative surrounding the contested topic of reproduction. Through the display of preserved human embryos and fetuses, the manipulation of visual exhibit elements, and the selective presentation of information, the Museum of Science and Industry both humanizes and heroizes the fetus as a way of connecting visitors with the culturally taboo topics of reproduction and childbirth.

Matthew John Reda, History, Más Que Nada, Más Que Nunca: The Importance of El Clásico in Football’s Globalization and the Development of Spain as the World’s Premier Footballing Nation

El Clásico, the football competition between Real Madrid and FC Barcelona, is the biggest and most important sporting rivalry on the planet. Spain’s current economic crisis has increased political, financial, and emotional tension within the country, giving football even more importance. The history, politics, capital, religion, aestheticism, and emotion of El Clásico are far greater than any other rivalry in the world. El Clásico is a pivotal agent in the globalization of football and the emergence of Spain as the world’s premier footballing nation. Given the current social tension in Spain and the staggering popularity of these two clubs, winning El Clásico now, means más que nada, más que nunca (more than anything, more than ever).

Kristine Ruhl, History, DePauw University Women during World War I: Female Citizenship and Higher Education in Early 20th Century America.

My seminar paper examines the evolution of DePauw University’s campus from 1914 to the immediate post World War I world, and analyzes how women struggled to insert themselves into the changing dynamic of the university and of American society. Observing this particular case study of the small Midwestern campus of DePauw helps answer larger questions about World War I’s impact on female citizenship and higher education. By utilizing a multitude of secondary sources addressing World War I in the United States, and combining them with primary sources found in the DePauw archives, I have constructed an in depth analysis examining how higher education and female roles on DePauw’s campus shifted during this time, and ultimately influenced how Americans would come to understand citizenship in 20th century America and beyond.

Patrick Schmitz, Political Science, How to Pay for the Past: Constructing Personal and Collective Guilt in a Global Environment

How does the very individual and private sense of guilt translate into the open and public responsibility of an entire nation to reconcile its past? Does this process contribute to or complicate reconciliation among nations? The remembrance of past crimes is crucial to our definition of and striving for justice in the present. As the acknowledgment of liability initiates reconciliation, the international community evaluates efforts by the adequacy of apologies—the collective expression of guilt. This evaluation process relies on broader representations, often dismissing the complex construction of guilt on the individual level.

Katherine Shover, Geosciences, Reconnaissance-level projection of ice sheet outlets: Modeling Upernavik Isstrøm, Greenland

Ice melt and calving of icebergs from ice sheets could significantly contribute to sea-level rise; thus, modeling the velocity of such ice sheets can help estimate the effects of the melted ice over time. Using depth-integrated stress-equilibrium differential equations for ice, a two-dimensional model showing the projected velocity of the Upernavik Isström ice sheet was created from an ice thickness and bed dataset. As expected, the ice flowed toward the ice front and moved at a higher rate near the terminus, although the no-slip boundaries at the other three edges caused some distortion. The model’s projected velocities near the ice front approximately
equaled the measured velocities from 2006 and 2010, demonstrating the strength of this model. Such models could provide important data for future sea-level predictions, particularly if modeled through time to estimate mass loss.

**Alison Stephens, English (Creative Writing), The Adventures of Nicholas and Foster LeClair**

The Adventures of Nicholas and Foster LeClair is a story of two brothers on a magical journey to find their place at Brasher, a circus in the sky. Both fourteen the boys have grown up in the small town of Eugene, Oklahoma doing magic behind closed doors. After the annual circus performance in town the boys are whisked away by a butterfly to a place where elephants fly through the air, leopards speak, women grow feathers like body hair. A place where tightropes litter the sky, people are stuck together, a place they soon call home. But behind this beauty competition, seduction, hidden truths and the mystery of their mother’s death drive Nicholas and Foster to test the true bond of brotherhood.

**Sarah Stricker, Education Studies, Comparing the Narratives of Teachers**

What are the narratives of teachers of students labeled as gifted and those of teachers of students labeled as underachieving? Recurrent trends in education encourage ability-based grouping in the interests of efficiency and excellence, practices critiqued by critical theory/ critical pedagogy discourses. The ideological bases of the terms ‘gifted’ and ‘under-achieving’ carry with them embedded assumptions. Within these frameworks, we attempt to understand the practice of educational stratification and the effects of ‘tracking’ on teacher work. The project analyzes teacher commentaries from divergent ‘tracks’ to determine if teacher work differs if there is an assumed status differential in the student.

**Carly Tebelman, Music, The Day the Music Died: Understanding the Philadelphia Orchestra’s Recent Journey through Bankruptcy**

This research focuses the Philadelphia Orchestra’s financial structure surrounding the 2011 filing for Chapter Eleven bankruptcy. Information regarding the Philadelphia Orchestra’s pricing policies, repertoire, patron services, social media integration, and community involvement will be collected and then compared to the New York Philharmonic, the Chicago Symphony, and the Saint Paul Chamber Symphony. They will then be related to the orchestra’s overall financial situation in order understand what factors led most directly to the orchestra’s bankruptcy, and any subsequent adaptations that allowed them to regain their financial footing and more-aptly appeal to twenty-first century music audiences.


*Libertango* is named after and inspired by a work by famous Argentine tango composer Astor Piazzolla. The main theme from Piazzolla’s *Libertango* serves as the basis for each variation in Sammut’s piece. Sammut arranges this melody to suite his idiomatic style of composition for the marimba. *Libertango*’s high energy and infectious melody is reminiscent of the tango style and will be sure to make any audience want to stand up and dance.

**Tarun Verghis, Computer Science, Uphold - Anonymous Feedback over Text Message**

Uphold is a tool that businesses can use to get anonymous, real-time feedback from their customers. Today, traditional feedback methods involve comment cards, online public forums or some kind of survey. Customers have no assurance as to the security of their private information, or if their comments are even being read. Businesses can face severe losses from harsh (and sometimes even fabricated) comments on public forums, and are not given the opportunity to improve themselves before their reputation takes a hit. Uphold facilitates anonymous communication via text message that seeks to solve these problems, with some additional benefits.
Lucas Wassmer, Music Performance (tenor), accompanied by Amanda Hopson, piano, “Tu vivi, e punito” from *Ariodante* – composed by G.F. Handel (1685-1759)

In this opera, Ariodante is betrothed to marry Ginerva, the daughter of the King of Scotland. With the unwitting help of one of Geneva’s friends, a rival suitor named Polinesso convinces Ariodante that Ginerva has been unfaithful. In his anguish, Ariodante contemplates and eventually decides to commit suicide. In this aria, Lurcanio, Ariodante’s brother, interrupts Ariodante only moments before he plunges a sword into his own heart. Lurcanio urges him to stop, telling him he must live in spite of Ginverva’s traitorous love, and cowardly infidelity.