



graduate

RESEARCH FAIR 2002

monday | march 18, 2002 | mckenny union

March 12, 2002

A special section of FOCUS EMU

Pinkevicius, Lim earn awards for making beautiful music



ORGAN ACCOLADES: Organist Vidas Pinkevicius was one of two winners of the graduate Music Performance awards given by the Graduate School and the Department of Music.

Pinkevicius, a graduate assistant in keyboard collaboration, is the recipient of the Mason-Rigsby Organ Scholarship and Alexander Talent Award.

For the competition, Pinkevicius performed the *Toccata from Suite, Op. 5*, by Maurice Duruflé.

Vidas Pinkevicius, organist, and Hyun-Jin Lim, pianist, will be honored with graduate Music Performance Awards at this year's Graduate Research Fair.

Each year, the Graduate School and the Department of Music present two awards of \$1,000 each to outstanding graduate students in music performance.

The Department of Music's Graduate Committee

selects recipients through a competition scheduled during February. Performers are currently enrolled, program-admitted graduate students.

Pinkevicius was born in Lithuania in 1976. He graduated from the Lithuanian Academy of Music in Vilnius, where he received a master's degree in organ performance, church organ playing, choral conducting, and music education.

Currently he is studying with Pamela Ruiten-Feenstra, the University's organist, for his second master's degree in organ performance.

Pinkevicius is a graduate assistant in keyboard collaboration and is the recipient of the Mason-Rigsby Organ Scholarship and Alexander Talent Award.

For the competition, Vidas

SEE MUSIC, PAGE 4

SCHEDULE OF EVENTS

Graduate Research Fair schedule, Monday, March 18:

- 1-2:15 p.m./ 3-4:15 p.m./4:30-5:45 p.m. - Oral presentations
- 1:30-2:45 p.m./4:30-5:45 p.m. - Poster presentations, Guild Hall
- 5:45-6:15 p.m. - Reception, McKenny Union Ballroom
- 6:15-7:15 p.m. - Awards ceremony, McKenny Union Ballroom
- 7:30-9 p.m. - Sigma Xi Speaker, Roosevelt Hall Auditorium

Welcome to the Graduate Research Fair

With 5,400 students enrolled in more than 80 separate graduate programs, Eastern Michigan University has one of the largest graduate schools in the nation. Many of these students are actively engaged in research and creative activity, working in relative solitude under a faculty mentor or collaboratively with their fellow graduate students.



Holkeboer

All are acquiring knowledge and insights they did not previously possess. Some are patrolling or actually crossing the boundaries of human knowledge.

It is hard but rewarding work and when it is completed, it is natural to want to share it with others. That is why Eastern Michigan University sets aside a special day in March to celebrate its graduate scholars and artists.

The Graduate Research Fair recreates a setting familiar to professional scholars — the academic conference, with poster sessions and public presentations of scholarly and creative work. It fulfills an ancient principle of academic freedom — that scholarly and artistic endeavors be subjected to critical judgment and public scrutiny.

Going public with work that has hitherto been kept mostly private is a scary but important step in a student's professional growth because truth and beauty flourish best in a critical environment. Constructive peer review, intimidating as it may be to a graduate student, ultimately produces better scholarship and better art.

The Graduate Research Fair gets bigger and better each year. Soon, even more doctoral students will be participating, raising the bar of quality ever higher.

We acknowledge the hard work, intelligence, creativity, and skill, as well as the courage, of the students presenting on March 18.

But we want equally to acknowledge the faculty and staff who gave generously of their most valuable possession — time — to mentor these students. The reputation for academic quality that EMU enjoys is primarily defined by the scholarship of its graduate faculty and students.

I encourage you to participate in the Graduate Research Fair by examining as much student work as you can. I know you will be impressed, as I have been, by its exceptional quality, and will want to join us at the awards ceremony and reception at the conclusion of the day's events.

Cordially,

Robert Holkeboer
Associate Vice President
Graduate Studies and Research

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Graduate student winners cover many fields of study

The following graduate students from the English Department have received awards in their fields:

■ **Michael Appleby** is receiving the Graduate Award for Excellence in Writing for his essay “*Nonrhoticity in English Dialects: Underlying Forms and Ambisyllabicity*,” which he produced for a graduate linguistics class in phonology.

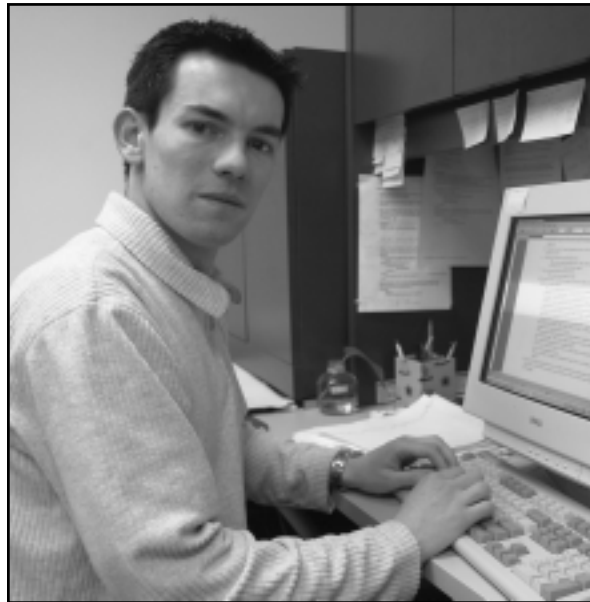
Appleby is acknowledged in his program as a very talented dialectologist, phonologist, theoretician, and phonetician.

Appleby received his bachelor of arts degree in linguistics from the University of Durham in England.

He is currently working toward his master of arts degree in linguistics while serving as an editorial consultant for the on-line journal, *Linguistlist*.

■ **Ralph Hoy** has been announced as a winner of the Communication Theatre Arts Award for Achievement in Arts.

During his eight years at EMU, Hoy has completed a bachelor of arts degree in theatre and is in the



final stages of his master's of arts degree in theatrical design.

Hoy has participated in many aspects of theatre, from designing to directing to teaching. His immensely creative designs have been seen in the sets and costumes of a number of plays.

Most recently, Hoy designed the outrageous cartoon costumes for Eastern's Mainstage production of

UBU ROI, for which he is receiving this award.

Hoy also has taught classes at the Ann Arbor Summer Theatre Academy, as well as seminars on technical theatre to students at local high schools. This summer, he will instruct for Saginaw Valley State University's Theatre Camp.

Hoy is currently completing his master's program, an original adapta-

WRITING WINNER: Michael Appleby (left) is receiving the Graduate Award for Excellence in Writing for his essay “Nonrhoticity in English Dialects: Underlying Forms and Ambisyllabicity,” at the Graduate Research Fair March 18.

Appleby is acknowledged in his program as a very talented dialectologist, phonologist, theoretician, and phonetician.

tion of Lewis Carroll's Alice-tales entitled “*TREACLE-WELL*,” a production that he will also direct and design.

After graduation, Hoy hopes to dabble a bit in film, move to a large “theatrical” city, and create beautiful, interesting, and avant-garde theatrical experiences.

■ **Sonji Harlan** also has received an award from the communication and theatre arts department for her thesis project, “*What Role Does the Mothering Network Play in a Black Woman's Experience of her Racial Identity and Development*.”

Harlan earned her bachelor's degree in secondary education at EMU, and she teaches communication and math in the Detroit Public Schools. She also is a professional storyteller.

Harlan is working toward her master of arts degree in communication and theater arts, with a concentration in interpretive performance studies.

■ **Leonore Gerstein** has received the Graduate Award for Excellence in Writing for her work, “*T.S. Eliot in*

SEE WINNERS, page 4

ORAL PRESENTATIONS

SESSION 1

ALUMNI ROOM

1 p.m.
MICHELE HAROON,
SAMMY HEWENTER, and
DANU WHITE
Department of Accounting
and Finance
Professor Zafar Khan
ASL Project: Donor
Maintenance Program

1:20 p.m.
SUNEEL BANDI
Department of Chemistry
Professor Donald M.
Snyder
Laser Surface Thermal
Lensing (STL) – A Novel
Technique for Analysis of
Thermo-Mechanical Properties
of Polymer Thin Films

1:40 p.m.
ALINKA LIPCHINSKY
Department of
Interdisciplinary
Technology
Professor Wayne
Hanewicz
The Influence of Literacy
Preference and Use Across
Dimensions of Age, Culture,
and Gender

2 p.m.
CASSANDRA TURNER
Department of
Interdisciplinary
Technology
Professor Denise Pilato
Mammies and Maids in Film

During World War I and World
War II

TOWER ROOM

1 p.m.
ALFRED BOLDEN JR.
Department of Political
Science
Professor Dave Ivers
Assessing the Impact of the 1997
Balanced Budget Act on
Hospital/Health Systems in
Detroit

1:20 p.m.
MARIE MCKENNA
Department of Political
Science
Professor Joseph Ohren
An Overview of Washtenaw
County Business Development
Process

1:40 p.m.
ROKAS E. OGINSKIS
Department of Political
Science
Professor
Karen Lindenberg
An Analysis of Domestic
Partner Benefits in Michigan
Public Organizations

2 p.m.
ERIC BLOCH
Department of
Communication and
Theatre Arts
Professor Dennis Patrick
Grady
Monkey Metaphor for Modern
Times: How “Malcolm in the
Middle” Mirrors 21st
Century Family Values

FACULTY LOUNGE

1 p.m.
KELLY M. NELSON
Department of Art
Professor Richard Fairfield
Printmaking: With Innovative and
Unorthodox Combinations

1:20 p.m.
MEGAN OLSEN
Department of Art
Professor Richard Fairfield
Prints: Dichotomy of Old and New

1:40 p.m.
LOU ANN DAVIS
Department of English
Language and Literature
Professor
Elisabeth Dauemer
T.S. Eliot and Washington Allston

2 p.m.
IAN SPRINGER
Department of English
Language and Literature
Professor Phillip Arrington
Rhetoric Under Authoritarian Rule:
The Reason For Rhetoric After
Rome's Republic

SESSION 2

ALUMNI ROOM

3 p.m.
WILLIAM J. DUNCAN
Department of Biology
Dr. Peter Bednekoff
The Abundance of Preferred and
Secondary Prey Near Cooper's
Hawk Nests

3:20 p.m.
HEIDI K. RICE
Department of Biology
Professor Allen Kurta
Bats, Insects, and Islands:
Predator-Prey Relationships and
the Effect of Island Size on
Abundance and Species Richness

3:40 p.m.
CHRISTINA MILLER
Department of Human,
Environmental and
Consumer Resources
Professor Judi Brooks
Do Nutrition Messages at the Point
of Purchase Influence Consumer
Food Buying Behavior?

4 p.m.
JOHN C. KROLICKI
Department of
Interdisciplinary
Technology
Professor Denise Pilato
You Code Like a Girl!: Masculine
and Feminine Thought and
Approaches to Computer Science

TOWER ROOM

3 p.m.
ROBERT HEINS
Department of Political
Science
Professor Dogan Koyluoglu
Approaches to School Safety and
Security

3:20 p.m.
PATRICIA DEVLIN
Department of Leadership
and Counseling
Professor Helen Ditzhazy
The Effects of Continuous

Improvement and Training for
Teacher/Paraprofessional
Teams on Interaction and
Engagement of Special
Education Students in General
Education Classrooms

3:40 p.m.
JOHN BARRETT
Department of Leadership
and Counseling
Professor Helen Ditzhazy
The Transition from Middle
School to High School: Practices
and Perceptions

4:00 p.m.
ROB COLLIER
Department of
Interdisciplinary
Technology
Professor Carol Haddad
Evaluation of Automated
Fingerprint Technology in a
Local Police Agency

FACULTY LOUNGE

3 p.m.
SYLVIA E. TILLMAN
Department of Geography
and Geology
Professor Ted Ligibel
The Historic Ford Homes of
Dearborn

3:20 p.m.
FRANK S. QUINN IV
Department of Geography
and Geology
Professor Ted Ligibel
The Fayette Experience: The
“Capstone” Course of EMU's
Historic Preservation Program

Paleo-anthropologist will deliver keynote

The Graduate Research Fair Planning Committee is pleased to announce that Dr. Milford Wolpoff will be the Sigma Xi Keynote speaker at 7:30 p.m. in Roosevelt Auditorium.

Dr. Wolpoff is an internationally renowned paleo-anthropologist who captivates the human imagination through his work.

He taught at Case Western Reserve before coming to the University of Michigan. He is currently a professor of anthropology and an adjunct associate research scientist at the University of Michigan's Paleoanthropology Laboratory Department of Anthropology.

Wolpoff is one of the few people in the world who can comfortably wade through the world of ancient skulls and mitochondrial DNA, and help humans understand their origins.

Perhaps the most controversial issue that he addresses in public forums is the "Eve" or "Out of Africa" theory, which states that all living people are the descendants of a single African ancestor about 200,000 years ago.

Wolpoff disagrees with this theory in his book, "*Race and Human Evolu-*



FACE OFF: Dr. Milford Wolpoff, an internationally-renowned paleo-anthropologist and a professor of anthropology at the University of Michigan, takes a close look at a bust created by sculptor Karen Diane Harvey. Wolpoff is the Sigma Xi keynote speaker for the Graduate Research Fair. He will speak at 7:30 p.m. at Roosevelt Auditorium.

Photo by Paul Jaronski, University of Michigan Photo Services

tion: A Fatal Attraction."

He describes the world as a giant melting pot during the one million years that people have existed.

"Modern humans have many origins," he said. "Americans come from all across Europe, Asia and Africa."

And the winner is...

An annual event for the Graduate School is the awards ceremony that honors outstanding graduate students.

The awards will be presented Monday, March 18, 6:15-7:15 p.m., McKenny Union Ballroom. A reception is scheduled 5:45-6:15 p.m. at the same location.

Honors will go to all students who received scholarships or fellowships this year.

In addition, the recipients of the following awards will be recognized: Artistic Excellence Awards; Creative Writing Awards; Graduate Music Awards; Graduate Theater Arts Award; and the Provost's Medal for Excellence in Graduate Assistantship.

Typically, five awards are given to outstanding oral and poster session presenters from the Graduate Research Fair. However, those awards will not be given this year due to a low turnout in the number of judges needed.

3:40 p.m.
ANGELA MEADOR
Department of English
Language and Literature
Professor Heidi Estrem
Speech Recognition Software and the Writing Process of Students with Learning Disabilities

4 p.m.
ELLEN WALKER
Department of Psychology
Professor Carol Freedman-Doan
Self-reported Pre-Performance Anxiety Level in University Music Students and its Association with Playing-Related Pain

RECEPTION ROOM

3 p.m.
DARLENE LEIFSON
Department of Communications and Theatre Arts
Professor Jessica Alexander
Dramatic Approaches to the Study of Shakespeare in the Secondary School

3:20 p.m.
KATHRYN O'BRIEN
Department of History
Professor Ronald Delph
Prostitution in Renaissance Florence: Promotion and Reasons for the Reversal

3:40 p.m.
HEATHER TAYLOR-LORING
Department of English

Language and Literature
Professor T. Daniel Seely
Adverbs Are Too Important to Ignore: Complementation of Degree Adverbs

4 p.m.
SCOTT HINES
Department of Computer Science
Professor Hartmut Hoft
Artificial Greenhouse Gardener Robot (AGGbot)

SESSION 3

ALUMNI ROOM

4:30 p.m.
JOCEE CHAMBERLAIN
Department of Psychology
Professor Kay Hodges
Providing Empirically Based Treatment Recommendations For Youth with Conduct Disorder

4:50 p.m.
MICHAEL APPLEBY and KONSTANTIA KAPETANGIANNI
Department of English
Language and Literature
Professor Beverley Goodman
Variation in British English Glottalization

5:10 p.m.
RICHARD JOHN HARVEY and KAROLINA OWCZARZAK
Department of English
Language and Literature
Professor T. Daniel Seely

The Need for CASH: In Search of a Broader Semantic Theory

5:30 p.m.
ANDREW SCHUCK
Department of English
Language and Literature
Professor Elisabeth Dauemer
Exploring The Waste Land as Jazz

TOWER ROOM

4:30 p.m.
SANDI RICHARDS and STUART HAMILL
Department of Political Science
Professor Dogan Koyluoglu
Identifying AD/HD in Prisoners Using Telemedicine

4:50 p.m.
ALFREDA R. ROOKS JORDAN
Department of Political Science
Professor Dogan Koyluoglu
Transition in the Work Place: Creating a "Win-Win" Atmosphere

5:10 p.m.
GERALD A. KRISA
Department of Management
Professor Eric Schulz
Designing a Benefits Package

5:30 p.m.
MARIE A. SHERRY
Department of Political Science
Professor Joseph Ohren

An Operational Study of the Administrative Offices of Lyon Charter Township

FACULTY LOUNGE

4:30 p.m.
LEONORE GERSTEIN
Department of English
Language and Literature
Professor Elisabeth Dauemer
T. S. Eliot in Israel

4:50 p.m.
JOANNA V. BRACE
Department of Geography and Geology
Professor Ted Ligibel
At Home in Monroe, Michigan, During the Cold War

5:10 p.m.
DAVID MARQUARD
Department of English
Language and Literature
Professor Heidi Estrem
Abstract for Exploring Paulo Freire and Myself: An Educational One Act Play

5:30 p.m.
SILVIA PESSOA and FABIANA SACCHI
Department of Foreign Language and Bilingual Studies
Professor Cathy Day
Being a Nonnative-English-speaking Teacher in the ESL Classroom: A Pilot Case Study

RECEPTION ROOM

4:30 p.m.
JUDITH TIMPNER
Department of Political Science
Professor Dogan Koyluoglu
An Evaluation of the Drug Court Program of the 17th District Court

4:50 p.m.
EDWARD COLLINS
Department of Teacher Education
Professor Yvonne Callaway
Storytelling as a Healing Art

5:10 p.m.
KRISTOFER KAZMIERCZAK
Department of Political Science
Professor Karen Lindenberg
Training in Vain

5:30 p.m.
SHELLEY WALKER
Department of Teacher Education
Professor Georgea Langer
High School Geometry: Real World Activities

MUSIC, from page 1



PIANO PLEASER: Hyun-Jin Lim, a graduate assistant in keyboard collaboration, was the winner of one of two Graduate Music Performance Awards at this year's Graduate Research Fair. She performed, on piano, the *Schumann Fantasie, Opus 17*, for the competition.

performed, on organ, the *Toccata from Suite, Op. 5* by Maurice Duruflé.

Hyun-Jin Lim received a bachelor of arts degree from Ewha Women's University in Seoul, Korea. She completed a master's of music degree in piano performance at the University of Michigan and is currently in the M.A. degree program in piano pedagogy at Eastern Michigan, studying with Dr. Garik Pedersen.

Lim viewed the competition as a unique opportunity.

"It's not common to perform in public at the graduate school level," she said.

Lim is a graduate assistant in keyboard collaboration. Lim performed the *Schumann Fantasie, Opus 17*, for the competition.

"It was a very romantic piece," Lim said. "I think it was a very good piece to show my musicality."

SCHEDULE OF EVENTS

monday, march 18, 2002, mckenny union

Oral Presentations	1:00-2:15 p.m.
Tower, Alumni, Faculty and Reception Rooms	
Poster and Display Session	1:30-2:45 p.m.
Guild Hall	
Oral Presentations	3:00-4:15 p.m.
Tower, Alumni, Faculty and Reception Rooms	
Poster and Display Session	4:30-5:45 p.m.
Guild Hall	
Oral Presentations	4:30-5:45 p.m.
Tower, Alumni, Faculty and Reception Rooms	
Reception	5:45-6:15 p.m.
Ballroom	
Awards Ceremony	6:15-7:15 p.m.
Ballroom	
Sigma Xi Speaker	7:30-9:00 p.m.
Dr. Milford Wolpoff, Paleo-Anthropologist Roosevelt Hall Auditorium	

Refreshments will be provided in Guild Hall from 1:30-5:00 p.m.

WINNERS, from page 2

Israel," a thesis she completed for her master's degree in English with a concentration in literature. Leonore's thesis has been praised for its originality, breadth, and theoretical sophistication.

"Writing about the reception of T.S. Eliot's work in Israel became a very personal as well as an intellectual adventure, as it united two facets of my own cultural heritage and life experience," Gerstein said.

Gerstein received her bachelor of arts degree in English from Hebrew University, studied English at the University of Minnesota, and received her first M.A. in speech pathology at Western Michigan University.

She currently works as a speech-language pathologist at the University of Michigan Medical Center in Ann Arbor.



TRACKING T.S. ELIOT: Leonore Gerstein will receive the Graduate Award for Excellence in Writing for her work, "*T.S. Eliot in Israel*."

"I am delighted and honored that the English language and literature department at Eastern has given me a Writing Award in recognition of my thesis," she said.

POSTER PRESENTATIONS

1:30 p.m. GUILD HALL

CHARLES CRAFT
Department of Interdisciplinary Technology
Professor Al Bellamy
Examining the Relationship Between Emotional Intelligence, Transformational Leadership, Employee Work Attitudes, and Leadership Effectiveness Within Law Enforcement Agencies

SEAN CUNNINGHAM
Department of Psychology
Professor Carol Freedman-Doan
A Longitudinal Study of Mothers' and Fathers' Beliefs and Perceptions in Predicting Social Self-Efficacy in Adolescent Boys and Girls

FUMI EBISU
Department of Chemistry
Professor Steven Pernecky
Biochemical Methods to Examine the Relationship Between Apoptotic Cell Death and Oxidative Destruction of the Lipid Bilayer in T Cells

CHRISTINA EDDINGTON, CAROLYN FIKE, LAURA HOLTZ, and NAI YU CHUANG
Department of Foreign Language and Bilingual Studies
Professor Cathy Day
Identifying Meaning Based on Intonation

SVETLANA GRABAUSKIENE and MEGHNA WAGHRAY
Department of Biology
Professors Robert Winning and Glenn Walker
Factors Contributing to the Survival and Differentiation of Cultured Cranial Neural Crest Cells of *Xenopus laevis*

LISA D. JACOBS
Department of Geography and Geology
Professor Ted Ligibel
The Livingstone Light: Detroit's Only Art Deco Lighthouse

AINO KALERVO
Department of Biology
Professor Henry Zot
Detection of Environmental Estrogens Using *S. cerevisiae* Transformed with Human Estrogen Receptor

CHANDANA SUMITHRARACHCH
Department of Chemistry
Professors Krish Rengan (EMU) and Henry C. Griffin (University of Michigan)
Measurement of Absolute Gamma Emission Probabilities

SUSAN C. TKACHIK
Department of Interdisciplinary Technology
Professor Al Bellamy
Employee Job Satisfaction Optimization Has A Direct Correlation To Management Behavior

EMILY K. WARD
Department of Biology
Professor Robert S. Winning
Rho GTPases Rescue *Xenopus laevis* Embryos from EphA4 Activity

4:30 p.m.

DAMMIKA NANDANIE AMUGODA
Department of Chemistry
Professor Deborah Heyl-Clegg
Synthesis and Kinetic Assay of an α -Amylase Inhibitor

AMY BURNS
Department of Associated Health Professions
Professor Ruth A. Hansen
Everyday Ethical Dilemmas in Occupational Therapy Practice

MICHELLE HOLTZ, JESSICA BUTTERFIELD, JAMIE ELWELL, AMY GORENCHEN, and LORI HEAVENER
Department of Associated Health
Professor Elizabeth Francis
Portrayals of Parenthood in America

REBEKKA L. DARNER
Department of Biology
Dr. Peter Bednekoff
Do Squirrels Avoid the Smells and Sounds of Their Predators?

TOM DIAB
Department of Biology
Professor Peggy Liggitt
Medical Surgery as a Unit of Instruction in a Human Biology High School Curriculum

TERESA J. LYNCH
Department of Psychology
Professor Alida S. Westman
The Influence of Personal Relationships, Erikson's Psychosocial Development, and Mass Media on Students' Conceptualizations of Romantic Relationships

SHAWN MASON
Department of Psychology
Dr. Silvia von Kluge
An Examination of Flavor Quality and Delay in Morphine Conditioning

ANITA MUMMINENI
Department of Psychology
Professor Kay Hodges
Identifying Effective Treatments for Adolescents with Maladaptive Substance Use

JASON P. SEACAT
Department of Psychology
Professor Nina Nabors
Predictors of High-Risk Sexual Behavior in College Males: A Study on the Effect of Sexual Orientation

J. ANGEL SOTO-CENTENO
Department of Biology
Professor Allen Kurta
Erophylla Sezekorni and *Brachyphylla Carernarum*: Diet of Two Phyllostomid Bats in Puerto Rico

SHAKILA TOBWALA
Department of Chemistry
Professor Deborah Heyl-Clegg
Minimal Sequence Analogs of the α -Amylase Inhibitor Tendamistat: Design, Synthesis, and Kinetic Analysis.