



Spring 2025 Amy Zeh High-Impact Practices Student Showcase

**Celebrating academic projects and achievements
from High-Impact Practice designated courses**

**April 16, 2025
10:00 A.M.- 12:00 P.M.**

GLOBAL LEARNING

15. Global Learning Project: Vietnam Women's Academy
Lily Cring, Margarita Lopez, Emily Paone, Hailey Jones, Jaysica Nacionales

52. Salzburg College Global Learning Project
Soraya Pearson, Cristina Perez, Gianna Sarubbe, JT Nash

76. Indian Culture Through the Thar Desert Museum
Maria Sanchez, Olivia Lowery, Elizabeth Cabeza, Skyler Britt

SERVICE-LEARNING

2. Shaping Future Leaders: Empowering Youth to Discover Strengths and Become Resourceful Changemakers
Beatrix Alerte

3. Leaders of the Mind: Turning an Honor's Society into an Engaging Academic Community
Meagan Allender

4. Animal Rights - Advocating for Animals
Fabian Arcila, Lauren Fitzsimmons, Moriah Boring, Bailey Sage

7. Teaching ESL over Zoom Internationally
Jose Carmona

9. AI Companionship Technologies: Technical Architecture and Human Impact in the Digital Age
Sophia Cathey

10. Making Military History Come Alive
Nathan Chamberlain

13. Jumping to New Heights: Peer Mentoring in Action
Emma Coffman

16. Culturally Tailored Nutrition: Enhancing Engagement Among Spanish-Speaking Mothers
Kate Cruz, Princess Benjamin, Jacey Anglin, Sharon Castillo Burgos

17. My LA Experience in Undergraduate Chemistry
Caroline del Barrio

23. Hand Hygiene
Tania ElHage

24. Pawsitively Making a Difference: a Cultural Audit of Save a Life Pet Rescue
Angelina Fasolo, Kayla Buchholz, Mariangie Sangiovanni, Bryanna Sparks, Mitchel Woodrow, Magdalena Goranova

26. Service Learning Experience at Main Streets Initiative at Curry Ford West
Gabriela Garrard

28. Breaking Down Trace Evidence: Learning Assistance Impact in Forensic Science Courses
Laila Ghasseminia

31. Cerrando la Brecha con el Español: Serving Orlando's Uninsured at American Muslim Community Clinics
Jocelyn Hernandez

34. Mastering Self-Belief: Overcoming Obstacles in Organic Chemistry
Ibrahim Itani, Alondra Agrait, Vidisha Rane, Amelia Woodward

35. Where Passion Meets Purpose: Pineapple Theatre Cultivates Community and Leadership Beyond the Stage
Kaitlyn Jadevaia, Madison Rhubarb, Isabella De Araujo Mota, Aleksandra Jegede, Analiesha Chavez

38. Unlocking Children's Potential with UCP
Reagan Lenihan, Uma Sreekumar, Blake Barnes, Jimmy Kapinos, Chad Johnson

49. Peer Mentoring Service Learning at The L.E.A.D. Scholars Academy
Estefanie Parra

53. Guiding and Growing: An Analysis of the Dual Impact of Peer Mentorship on Campus
Leticia Pinheiro De Abreu, Ann Mary Thomas

60. Addressing Society's Needs Through Research
Kazi Salsabil

63. Empowering Communities in Crisis: The REACH Hub as an Emergency Management Lifeline in Orlando
Mohammad Newz Sharif

68. Relay for Life: Vhanging Lives on Lap at a Time
Piper Sunvold, Antonio Mitchell

72. Inspiring Hope at Give Kids the World
Tien Van, William Graham, Chrisondria Marks, Mariela Medina Rodriguez, Stephanie Jaro, Jada Wilson

80. Timeless Voices: Connecting Generations Through Language
Diane Saintable, Rachel Abramovici

INTEGRATIVE-LEARNING EXPERIENCE

12. Developing a Strong Resume: Essentials for Undergraduate and Graduate Success
Kelsey Chico

25. Multiple Dose Dental Pain Study of Ibuprofen Extended Release
Adrian Garcia, Haley Thompson, Macy Wolf, Ava Dixon

27. Use of Platelet-Rich Plasma (PRP) Therapy in Patients with Brittle Nail Syndrome
Meriel George

32. Effects of Tradipitant vs. Placebo in Atopic Dermatitis
Hayley Hewitt, Marilyn Marcelin, Armelle Oliantus, Xochilt Robinson

FOR MORE INFORMATION:

UNIVERSITY OF CENTRAL FLORIDA
HIGH-IMPACT PRACTICES
 [ACADEMICSUCCESS.UCF.EDU/HIP/](https://academicsuccess.ucf.edu/hip/)
 HIP@UCF.EDU
 407.882.2300



33. A Study of Baricitinib in Juvenile Isiopathic Arthritis
Tamara Hollis, Matias Bascon, Elle Barnwell, Kiera Connolly, Linh Nguyen

46. Anthropology in the Real World
Chastity Nix, Cheyenne Taylor

47. CUTE: Chronic Urticaria Treatment Evaluation Phase 4 Clinical Trial
Elizabeth Nugent, Amber Thompson, Justin Botte, Madeleinerose Knobel

55. Safety and Efficacy of BIBF 1120 in Patients with Idiopathic Pulmonary Fibrosis
Rachell Reyes Martinez, Ella Gendler, Kamari Ouck, Marina Neves

56. A Study of Gefapixant (MK-7264) in Adult Participants with Chronic Cough
Edilia Rodriguez, Brandi Beair, Casey Saad, Christina Kamel

61. Pancreatic Cancer
Jehanna Sanon

75. Cytarabine (Ara-C) in Children with Acute Promyelocytic Leukemia (APL)
Erika Brandt, Bojana Kovacevic, Kaylee Albrecht

78. .
Tatiana Delaleu

RESEARCH-INTENSIVE

1. GABA and Dopamine Dual Therapy: A Potential Treatment for A549 Non-Small Cell Lung Cancer
Ahmed Abdalla, Jemimah Olajide

5. Persuading Community: Constructing Arguments for Visual Arts Definitive Meaning
John Paul Bernal

6. Cytotoxic Effects of Green Tea on Various in Vitro Cancers
Manuela Camargo

8. The Impact of Caffeine on Neurotransmitter Production by Lactobacillus spp.
Angela Caruso

11. The Relationship Between Alcoholism and Mortality From Strokes in Adults
Ariya Chauhan

14. The Weight of Waking: The Relationship Between Postpartum Mental Health and Infant Sleep
Casey Courtwright

18. The Effect of Cuban Tree Frogs (Osteopilus Septentrionalis) on Native Anuran Populations
Ava Dennison, Hannah Hettenbach, Kelsey Peterson

19. Smartphone Industry: Data Driven Research Regarding Product Optimization
Lucia Diaz, Olivia Santos, Wyatt Wetzler, Moksodul Hassan

20. An Analysis of How NBA Player Information Can Predict Performance
Denis Doda, Matthew van der Does, Sean Feldman, Aidan Maroney

21. Between a Rock and a Wet Place: Analyzing Mangrove Expansion on Intertidal Oyster Reefs
Lindsay Dolan, Andre Wick, Lina Souza, Jenna Hodgson, Gabriella Zigler, Ethan Gau, Meagan Pack, Antonia Ferguson, Gwyn Kirby, Mako Rosario, Lee Nguyen, Dwartney Wortham, Jack Budd, Michelle Ganuza, Abby Greene, Cori McWilliams, Dyllon Thompson, Emma Quade, Dani Andrews, Jessie Shaffer, Abigail Bond, Julia Murray

22. Preparing a Viable INCC Effector Gene for Future Impact Analysis on Chlamydia Trachomatis
Sydney Dupree, Sarah Ramshaw

29. Workplace Mental Health Promotion and Its Impact on Help-Seeking Behaviors & Stigma
Juju Gordon, Jensley Velez Lozada, Dmitri van Grieken

30. The Influence of Framing and Emotion on College Students' Perceptions and Willingness to Volunteer
Samantha Harper, Olivia Young, Cai Li Franckewich, Sthefani Paitan

36. The Association Between Alzheimer's Disease Burden and Hospitalization Rates in Older Adults
Autumn Johnson

37. Investigating the Effects of Negative Stimuli and Neurotic Personalities on Decision-Making Styles
Miranda Kraenzlin, Jade Perry, Sadie Hall, Mariana Schuler-Miller

39. What Makes a Song Likable?
Emily Longmire

40. Defying Tradition and Embracing Empowerment: Eunmi Bang's Shamanistic Performances In a Feminist Perspective
Kristin Lorenz

41. What Are the Most Significant Factors Influencing a Player's Point Production in the NHL?
Lauren Lowe, Arianna Alarcon

42. Effects of MoS₂ Exposure on Adhesion Proteins Expression in HeLa Cells
Tomas Martinez Grant, Sun Latt

43. The Economics of Collecting: Market Trends of Pokemon Trading Cards
Maria Mauco

44. Chlamydia: Lifecycle and How Effector Genes Are Used to Study It
Christiana Miller

45. Producing Viable Chlamydia Trachomatis Effector Genes for Future Transgenic D. Melanogaster Analysis
Michael Moffett, Alexander Spirk

FOR MORE INFORMATION:

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48. Penny For Your Thoughts:
Laboratory Analysis of Penny Site:
Test Unit H (8BR158)
*Marin O'Malley, Jacob Gelman, Emily
Peterson, Jazzmine Rosas*

50. Syllabi Accessibility Statements
in Rhetoric/Composition Studies: A
Review of the Genre
Khushi Patel

51. A Look at Modern Day
Communication Between Coaches
and Their Athletes
McKenzie Patterson

54. The Contrast of Bacterial
Populations Present on Deer
Occupying Urban and Nonurban Areas
Bianca Pinilla, Melanie Almanza

57. Cellular Response to Plant-Based
Protein Powder: Organellar Impact
and Adaptation
Ashly Rodriguez Reyes

58. An Experimental Archaeological
Approach to Pre-Historic and Historic
Recipes Using *Zamia* sp
*Bradley Rouleau, Isabelle Fowler,
Eryn Wioncek*

59. From Medicine to Menu:
Indigenous Plant Use Along Florida's
Central Eastern Coast
Braxton Salden, Uyen Tran

62. Effects of Visual Stimuli and
Playback Speed on Attention Span
*Jerell Scatliffe, Anya Mathur, Kayla
Feliz*

64. Linear Regression Analysis of
the Impact of Lifestyle Factors on
Academic Performance: A Study of
Students in India & Southeast Asia
*Andy Silva, Jean Corraliza, Sarah
Velez-Osorio, Alejandro Mendiola*

65. Peptides Under The Scope:
Structure, Function, and Therapeutic
Potential
Gurpartap Singh

66. Analyzing the Cellular and
Molecular Effects of Coffee on U251
Glioblastoma Cells
Alyssa Soldado, Valeria Ortiz Torres

67. Hiss, Ribbit, Vroom: A Study of
Herpetofaunal Abundance in an Area
Surrounded by Anthropogenic Noise
*Iso Suarez, Isbaella Beyer, Genesis
Fontanet, Jona Mckinley*

69. This Could Have Been an Email:
Leadership Competency Across Media
Formats
*William Tang, Chelsea Chriwell, Lucia
Hardin, Jenna Caccamise*

70. Strength of the Association
Between Individuals Below Poverty
Level and Hospitalization from Stroke
Noah Thomas

71. An Investigation of Uncooked
Cornstarch and its Role in Managing
Hypoglycemia
*Grace Truong, Abrianna Lalle,
Loukayvia Charles*

73. Predicting Milk Quality Using
Machine Learning
*Franco Vidal, Matthew Nighting-
Henderson*

74. The Effect of Background Noise on
Auditory Memory Task Performance in
Younger vs. Older Adults
*William Wilkerson, Erica Plauche,
Michael Spitale*

77. From Date to Dreams: A Statistical
Investigation of Sleep and Lifestyle
*Megan Daza, Apoorva
Thirukazhukunram Shakila Raja*

79. Gene Editing in Fruit Flies
Adebanke Gbago

81. The Relationship Between
the US Stock Market and Energy
Commodities
*Griffin Seel, Mari Arroyave, James
Murphy, Jack Griffin*

HIP STEERING COMMITTEE

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VIRTUAL SHOWCASE

The in-person showcase is just one
part of this semester's Amy Zeh
High-Impact Practices Student
Showcase. Scan the QR code or
follow the link below to view the virtual
showcase.



<https://stars.library.ucf.edu/hip-2025spring/>

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