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## Discovery Day 2025 Schedule Overview (Presentation number in parentheses)

All presentations will take place in the Ferrell Academic Center unless otherwise indicated.

8:30	All are invited to a light breakfast in the Napier Foyer (Fourth Floor), Ferrell Academic Center (FLC)							
8:30-9:35	Poster/Exhibit Session #1 - Ferrell Academic Center (McAllister Board Boom) (1-18)							
	FLC 109	FLC 125	FLC 208	FLC 219	Gangel Sem. Room	FLC 307	FLC 324	
9:45-10:05	Crane Expediting Diapause in <u>Osmia lignaria</u> Through Temperature Manipulation Huddleston (19)	Bruemmer How the Dead Speak to Us Romano (20)	Peterson Challenging the Morality and Constitutionality of the FACE Act Shankman (21)	McClelland To Identify With the Beloved: A Look Into the Renewal of Catholicism in France at the Turn of the 20th Century McConnell (22)	Thesis Defense: Fisher Does Anything Exist? The Implications of Quantum Mechanics for Reality Crifasi (23)  (9:45–10:35)	F. Quinn Polymerizing MMA Into Functional Transparent Plastic Shcherbatyuk (24)	Caskey Examining the Core of Dyslexia Through Different Languages Wentz (25)	
10:15-10:35	Cullen Apoptosis of HeLa, Cervical Cancer, in the Presence of Gallic Acid Carletti (26)	Newbolds The Medieval Sword and Architectural Proportions Romano (27)	LeDoux Is Michelangelo a Theologian? Courtois (28)	Brungardt Akira Kurosawa: Films That Face Life White (29)		G. Quinn Validation of the Temperature-Emission PeakThrough the Hines-Scholes Method Shcherbatyuk (30)	Thomas Building Hope: The Journey to Establishing a School in Rural Liberia Wise (31)	
10:45-11:05	Palmer Injuries Suck. Period.: How BC Athletes Are Using Menstrual Cycle Tracking to Determine a Possible Relationship With Injury Carletti (32)	Brown Viriditas: Hildegard von Bingen's Intertwined Spiritual and Physical Worlds Romano (33)	Blosser Waste Oil Powered Furnace Park (34)	Honors Project: Michael The Preservation of Churches: Josef Pieper and Martin Heidegger on Culture, Art, and Worship Madden (35) (10:45-11:15)	Ricciardi Non-Intrusive Mechanization of Pianos II Modlin (36)	Amery Developing a Swarm Response in Independent Autonomous Robots for Emergency Applications Shcherbatyuk (37)	Roberts The Honest and Grim Reality of Southeast Asian Orphanages Mulholland (38)	
11:15-12:10	Poster/Exhibit Session #2 — Ferrell Academic Center (McAllister Board Room) (39–56)							
11:30-12:50	Lunch — Dining Hall							
1:00-2:20	• Keynote Address: The Stapletons • - O'Malley-McAllister Auditorium							

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2:35-2:55	Gerle Student Leadership: Personality Correlates and Motivations for Leading Posey (57)	Moraghan DFT Investigation of Hydrogen Abstraction and Radical Coupling Pathways Blaustein (58)	Searing Building a Thermal Controlled Heat Mantle For Quantum Dot Synthesis Strandquist (59)	Figge Catholic News - Is Revival Possible? Meinert (60)	Thesis Defense: Herron God is the Creator Rioux (61) (2:35–3:25)	Meyer The Art of Songuriting in Another Language Sellers (62)	tenBroek Modeling and Simulating Elliptical Laser-Driven Electron-Dynamics Sayler (63)	
3:05-3:25	Barrett Shaped by Stereotypes: The Influence of Stereotypes on Moral Evaluations Elmore (64)	Knehans Theoretical Study of Solvation and Substituent Effects on Internal Hydrogen Bonding of Cyclophanes Blaustein (65)	Hart The Foaming Properties of Turkish Coffee Strandquist (66)	Bond Synthesis and Characterization of Renewable Polyester Scaffolds for Bone Tissue Grafting Bugayong (67)		Pustejovsky Recreating Traditional Animation Techniques Wallace (68)	Bullara Using a Thrustometer to Measure Thrust Ejection From Static Testing Solid Rocket Propellant Sprouse (69)	
3:35-3:55	Philbin Performing Raytracing Using a Low-Cost Computing Cluster tenBroek (70)	Valdivia Cracking the Code: How EspB, EspK, and EspJ Mediate Mycobacterial Virulence Sanchez (71)	Tawney To Go or For Here? Why Modern Culture Needs Coffee Shops Mirarchi (72)	Heckman The Death of a Star: Photometric and Spectroscopic Study of Star UU Herculis Maderak (73)	Watson La Tierra que nuestros hijos nos han prestado Mares Hernandez (74)	Dawes Printmaking With Electricity Wallace (75)	Charvat Evaluating Altitudes in Mid- Power Rocketry Sprouse (76)	
4:05-4:25	Honors Project: Goldkamp Theology of the Body, Dr. Brené Brown, & the Role of Shame Houlahan (77) (4:05-4:35)	Youll Building an Accessible Protein Purification Pipeline: Low-Cost Solutions for Scalable Biochemical Research Sanchez (78)	Anderson Chess Mate Wurtz (79)	Alvarez Indian Thought, Greek Thought, and Whether It Can Fit Into Catholicism Ramage (80)	Raymo "Hard crackers, come again no more!": The Culinary Life of a Civil War Soldier Trainor (81)	Tobin An Invitation to MysteryTechniques of Frame Making Stewart (82)	Westerman On the Use of Group Theory in Cryptography Grossman (83)	
4:45-5:45	O'Malley-McAllister Audito  Miller Bauer  Realizing Beauty Through Music "First Dance" – Composition for Percussion Ensemble  Davoren (84) Davoren (85)			Percussion Ensemble	Z. Tarrant "Flying Looking Longing Davoren (86)	Smith " Quartet for Mixed Instruments Tharaldson (87)		
	Spring Band Concert							