

First_Name	Last_Name	Institution	Student		Title_1	Coauthor_1	Co_Presenter_1
Hannah	Adams	Harding University	UNDERGRADUATE	14	Using Radio Frequency Identification to Test the Assumptions of Optimal Foraging Theory on Wintering Birds	Sarah N. Roddy; Patrick J. Ruhl (Harding University)	Sarah Roddy
Nathan	Andress	Hendrix College	UNDERGRADUATE	44	Chemokine Secretion Varies Significantly in Papillary and Follicular Thyroid Cancer Tumor Cells	Sarah Glass (Hendrix College); Michaela Edwards (Hendrix College); Brock Sullivan (Hendrix College); Amber Melcher (Hendrix College)	Michaela Edwards, Amber Melcher, and Brock Sullivan
Whitney	Austin	Southern Arkansas University	UNDERGRADUATE	55	Iron Content in Dried Fruit Chips Versus Pureed Baby Food Using Two Different Methods	Gija Geme (Southern Arkansas University)	
Kirstyn	Baker	Hendrix College	UNDERGRADUATE	53	Development of a modified Michaelis-Menten Langmuir kinetic model for supported lipid bilayer formation	Robbie Kiss; Jackson Bridges; Peter Kett (all Hendrix College)	
Colton	Barrett	Arkansas Tech University	UNDERGRADUATE	15	Do phenotypic traits predict feeder use by wild birds?	Douglas G Barron (Arkansas Tech University)	
Jacob	Belding	Hendrix College	UNDERGRADUATE	52	Design and Optimization of a Low-Cost, Arduino-Controlled Fluorometer	William Gunderson (Hendrix College); Julie Gunderson (Hendrix College)	
Lucas	Blake	Southern Arkansas University	UNDERGRADUATE	86	Numerical Simulation of Oxy-Fuel Combustion	Matthew Gustafson (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Matthew Gustafson
Kevin	Bombinski	Hendrix College	UNDERGRADUATE	42	Using a yeast two-hybrid approach to investigate DNA repair in bdelloid rotifers	Andrew Schurko (Hendrix College)	
Dustin	Booth	UAM	UNDERGRADUATE	32	Biodiversity and Community Structure of Aquatic Insects in the Little Missouri River	Logan Pearson (UAM); Edmond J. Bacon(UAM)	Logan Pearson
David	Bowles	National Park Service	No.	3	A dobsonfly (Megaloptera: Corydalidae, Corydalus cornutus) from Arkansas with aberrant mandibles		
Jackson	Bridges	Hendrix College	UNDERGRADUATE	54	Investigating the role of a critical vesicle concentration in the formation of supported lipid bilayers	Kirstyn Baker; Robbie Kiss; Peter Kett (all Hendrix College)	
Kara	Burchfield	Southern Arkansas Univeristy	UNDERGRADUATE	28	The antimicrobial activity of Callicarpa americana berry extracts	Elizabeth Wess; Antoinette Y. Odendaal (Southern Arkansas University)	Elizabeth Wess
Drew	Castleberry	University of Central Arkansas	UNDERGRADUATE	7	Effect of Sex on Osmoregulation of the Ohio Shrimp, Macrobrachium ohione	Matthew E. Gifford (Department of Biology, University of Central Arkansas); S. Reid Adams (Department of Biology, University of Central Arkansas)	
Matt	Connior	NWACC	No.	2	Notes on the Natural History of Selected Invertebrates	R Tumlison (Henderson State University); HW Robison (Retired)	
Kayce	Conville	University of Central Arkansas	UNDERGRADUATE	70	A Real Time Automated Microclimate Ecosystem		
Jacie	Cooper	University of Central Arkansas	UNDERGRADUATE	38	Analyzing the Role of FszA-GFP in Mitochondrial Dynamics of Dictyostelium discoideum	Dr. Kari Naylor (University of Central Arkansas), Kennedy Kuykendall (University of Central Arkansas)	Kennedy Kuykendall
Hayden	Criswell	Hendrix College	UNDERGRADUATE	60	Organocatalytic pericyclic reactions: catalyst reactivity and substrate scope	Shawqi Musallam; Reece B. Mitchell; Hayden Criswell; Evan Glassford; Heidi A. Dahlmann (Hendrix College)	Shawqi Musallam; Reece B. Mitchell; Hayden Criswell
Henry	Dana	Hendrix College	UNDERGRADUATE	95	Water adsorption on polyhydroxylate microspheres as a function of relative humidity using an FTIR spectrometer equipped with a flow cell	Cayman Botner, Rebecca Parham, Karen Morris, Hailey Hayes, Megan Cassingham, and Courtney D. Hatch	
Thy	Dao	university of arkansas fayetteville	GRADUATE student.	65	Skin cancer Spatial Survival models using R/SAS		
Michael	Davis	Arkansas Tech University	No.	92	Locating legacy oil and gas wells in Arkansas: refining magnetic methods	Jason A. Patton (Arkansas Tech University); Jessica Buenrostro (Arkansas Tech University); Allie Roach (Arkansas Tech University); Candy Roberts (Arkansas Tech University); Hunter Vickers (Arkansas Tech University)	

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Lauren	Dwyer	Hendrix College	UNDERGRADUATE	48	Papillary Thyroid Cancer Cells Display Differences in Drug Sensitivity that are Dependent on Extracellular Matrix Composition	Brianna Kelly (Hendrix College); Hannah Moore (Hendrix College); Sesalie Satterwhite (Hendrix College)	Brianna Kelly, Hannah Moore, and Sesalie Satterwhite
Michaela	Edwards	Hendrix College	UNDERGRADUATE	44	Chemokine Secretion Varies Significantly in Papillary and Follicular Thyroid Cancer Tumor Cells	Sarah Glass (Hendrix College); Nathan Address (Hendrix College); Brock Sullivan (Hendrix College); Amber Melcher (Hendrix College)	Nathan Address, Brock Sullivan, and Amber Melcher
Kenneth	Escudero	Southern Arkansas University	UNDERGRADUATE	80	Experimental Investigation of Stress Concentration in Plastic Materials Used for 3D Printing	Kenneth Escudero (Southern Arkansas University); Lionel Hewavitharana (Southern Arkansas University); Md Islam (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	
Kenneth	Escudero	Southern Arkansas University	UNDERGRADUATE	81	Developing Soft Actuators at SAU Engineering	Daniel McKague (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Daniel McKague
Preston	Eubanks	Southern Arkansas University	UNDERGRADUATE	64	Use of UV/Vis Spectroscopy to Measure ASA in Aspirin	Gija Geme (Southern Arkansas University)	
Michael	Ezeana	University of Central Arkansas	UNDERGRADUATE	47	Object discrimination abilities in blind individuals using echolocation	Santani Teng (Smith-Kettlewell Eye Research Institute); Amrita Puri (University of Central Arkansas)	
Marvin	Fawley	University of the Ozarks	No.	26	Soil Algal Communities of Warren Prairie Natural Area	Karen Fawley (University of the Ozarks, Division of Mathematics and Sciences, Clarksville, Arkansas); Brent Baker (Arkansas Natural Heritage Commission, Little Rock, Arkansas).	Karen P. Fawley
Karen	Fawley	University of the Ozarks	No.	27	Soil Crust Algal Communities of Warren Prairie Natural Area	Brent Baker (Arkansas Natural Heritage Commission, Little Rock, Arkansas); Marvin W. Fawley (University of the Ozarks, Division of Mathematics and Sciences, Clarksville, Arkansas)	Marvin W. Fawley
Jada	Fricks	Southern Arkansas University	UNDERGRADUATE	56	Determination of Caffeine Content in Popular Energy Drinks with High Performance Liquid Chromatography	Cole McKay (Southern Arkansas University); Brett Wacha (Southern Arkansas University); Gija Geme (Southern Arkansas University)	
Derrick	Fuell	University of Arkansas at Little Rock	UNDERGRADUATE	85	Mixing of fluids in macro-channels	Derrick Fuel; Srikanth Pidugu (University of Arkansas at Little Rock)	
Kira	Gibbs	Southern Arkansas University	UNDERGRADUATE	16	Comparison of sugar-based clearing techniques in avian embryos	K. Gibbs (Southern Arkansas University); J. Hyde (Southern Arkansas University)	
Sarah	Gilmour	Hendrix College	UNDERGRADUATE	41	Integrin Signaling is Required for Collagen-Mediated Tumorigenicity of Papillary Thyroid Cancer Cells	Jonathan Jenkins (Hendrix College); Moira Moore (Hendrix College); Keith Taylor (Hendrix College); Cole Stanton (Hendrix College)	Jonathan Jenkins (Hendrix College); Moira Moore (Hendrix College); Keith Taylor (Hendrix College); Cole Stanton (Hendrix College)
Alex	Golden	Southern Arkansas University	UNDERGRADUATE	74	Preparation of polycrystalline Tin Selenide to Investigate Thermoelectric Properties	Alexander Golden (Southern Arkansas University); Puskar Chapagain (Southern Arkansas University); Bothina Manasreh (University of Fayetteville)	
Erin	Guerra	Arkansas Tech University	UNDERGRADUATE	1	Like Moths to a Flame	Jorista Garrie (Arkansas Tech University)	
Matthew	Gustafson	Southern Arkansas University	UNDERGRADUATE	86	Numerical Simulation of Oxy-Fuel Combustion	Lucas Blake (Southern Arkansas University); Matthew Gustafson (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Lucas Blake
Jessica	Harston	University of Arkansas at Pine Bluff	UNDERGRADUATE	40	Dissemination of Oxalate and Vitamin C Among Assorted Genotypes of Sweetpotato (Ipomoea batatas L.) Leaves	Z. Adam and Shahidul Islam*	

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Hailey	Hayes	Hendrix College	UNDERGRADUATE	94	Water adsorption on polyhydroxylate microspheres as a function of relative humidity using a quartz crystal microbalance	Rebecca Parham, Karen Morris, Henry Dana, Cayman Botner, Megan Cassingham, and Courtney D. Hatch	
Zach	Hazeslip	Southern Arkansas University	UNDERGRADUATE	58	Lead concentrations in soil at the local shooting range	Robert Stanley (Southern Arkansas University); Gija Geme (Southern Arkansas University)	
Mackenzie	Hoogshagen	University of Central Arkansas	UNDERGRADUATE	35	Characterization of Smoke Particle Emissions from Rocket Stoves versus Three-Stone Fires	Mackenzie Hoogshagen (University of Central AR); Elizabeth Versluis (University of Central AR); Dr. Leah Horton (University of Central AR); Mason Rostollan (University of Central AR)	Elizabeth Versluis
Joel	Howell	Southern Arkansas University	UNDERGRADUATE	78	Developing a Fluid Mechanics Experiment Using a 3D Printed Venturimeter	Tristan Nivens (Southern Arkansas University); Jerry Ramsey (Southern Arkansas University); Austen Wood (Southern Arkansas University); Joel Howell (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Tristan Nivens; Jerry Ramsey; Austen Wood; Joel Howell
Sierra	Hubbard	Hendrix College	UNDERGRADUATE	25	Surveying variability in cyanide production of white clover (Trillium repens) across an urbanization gradient in Little Rock, AR and Memphis, TN	Savannah Draud; J. Tristian Wiles; Caralee Shepard; Joyce Hardin; Adam C. Schneider	
John	Hunt	University of Arkansas at Monticello	No.	11	Photographic Record of a Greater Roadrunner (Geococcyx californianus) from Drew County, Arkansas.	John L. Hunt (University of Arkansas at Monticello); Christopher G. Sims (University of Arkansas at Monticello)	
Ishrar	Islam	Hendrix College, Conway	UNDERGRADUATE	33	Supernumerary Sources of Human Diet and Bioenergy for the Twenty-first Century; Soybean (Glycine Max L.)	Z. Adam (University of Arkansas at Pine Bluff) and Shahidul Islam ((University of Arkansas at Pine Bluff)	
Drake	Jackson	Harding University	UNDERGRADUATE	50	Analysis of BETX mixtures using Raman Spectrometry	Dr. Ed Wilson	
Jacob	Jackson	University of Arkansas at Little Rock	UNDERGRADUATE	88	Water recycling system for a hydraulic ram pump	Ashokkumar M Sharma, Srikanth B Pidugu (Department of Engineering Technology, University of Arkansas at Little Rock, Little Rock, AR 72204)	
Kailash	Jajam	University of Arkansas at Little Rock	No.	84	Impact energy absorption behavior of lightweight interpenetrating phase composite foam	Sherif A. Selim (UA Little Rock); Ashokkumar Sharma (UA Little Rock); Kailash C Jajam (UA Little Rock)	
Jonathan	Jenkins	Hendrix College	UNDERGRADUATE	41	Integrin Signaling is Required for Collagen-Mediated Tumorigenicity of Papillary Thyroid Cancer Cells	Sarah Gilmour (Hendrix College); Moira Moore (Hendrix College); Keith Taylor (Hendrix College); Cole Stanton (Hendrix College)	Sarah Gilmour (Hendrix College); Moira Moore (Hendrix College); Keith Taylor (Hendrix College); Cole Stanton (Hendrix College)
Tel	Johnson	Hendrix College	UNDERGRADUATE	31	Effect of multi-course prenatal steroids on fiber-type profile and enzyme activity in the guinea pig rectus thoracis	Judith Brown (Hendrix College); Julie Avery (Univ. of Alaska Fairbanks); Jennifer Dearolf (Hendrix College)	
Brianna	Kelly	Hendrix College	UNDERGRADUATE	48	Papillary Thyroid Cancer Cells Display Differences in Drug Sensitivity that are Dependent on Extracellular Matrix Composition	Hannah Moore (Hendrix College); Sesalie Satterwhite (Hendrix College); Lauren Dwyer (Hendrix College)	Hannah Moore, Sesalie Satterwhite, and Lauren Dwyer
Kaitlyn	Kemp	University of Central Arkansas	UNDERGRADUATE	43	Characterization of the 1957-1958 influenza pandemic in Arkansas and Arizona		
Robbie	Kiss	Hendrix College	UNDERGRADUATE	63	Understanding the role of flow rate and lipid concentration in the kinetics of supported lipid bilayer formation	Kirstyn Baker; Peter Kett (both Hendrix College)	
Kennedy	Kuykendall	University of Central Arkansas	UNDERGRADUATE	38	Analyzing the Role of FszA-GFP in Mitochondrial Dynamics of Dictyosetlium discoideum	Jacie Cooper, Kari Naylor	Jacie Cooper
Audrey	Lawrence	Harding University	UNDERGRADUATE	34	Chemical Analysis of Pond Development		
Vi	Le	University of Arkansas - Fort Smith	UNDERGRADUATE	45	Comparing the Effectiveness of Antibiotics and Essential Oils on Laboratory and Environmental Bacteria Strains	Evan Merritt; Roger Lightner; Jeff Shaver	

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Xinming	Li	University of Arkansas at Little Rock	GRADUATE student.	66	How Powerful Can Deep Learning Be Compared with Machine Learning? A Entity Resolution Case	Xinming Li(UALR); John R. Talburt(UALR), Ting Li(UALR), Xiangwen Liu(UALR)	
Chris	McAllister	Eastern OK St. College	No.	17	Distribution, Habitat, and Life History Aspects of the Dwarf Crayfishes of the Genus Cambarellus (Decapoda: Cambaridae) in Arkansas	H.W. Robison (9717 Wild Mountain Drive, Sherwood, AR 72120)	
Chris	McAllister	Eastern OK St. College	No.	18	Dumortier’s Liverwort, Dumortiera hirsuta (Sw.) Nees (Hepaticophyta: Marchantiales: Dumortieraceae) in Arkansas	H. W. Robison (9717 Wild Mountain Drive, Sherwood, AR 72120); P.G. Davison (Department of Biology, University of North Alabama, Florence, AL 35632)	
Chris	McAllister	Eastern OK St. College	No.	19	Cotylogaster occidentalis (Aspidogastrea: Aspidogastridae) from Freshwater Drum, Aplodinotus grunniens (Perciformes: Sciaenidae), from Northeastern Oklahoma	A. Choudhury (Department of Natural Sciences, St. Norbert College, De Pere, WI 54115)	
Chris	McAllister	Eastern OK St. College	No.	20	Haemogregarina sp. (Apicomplexa: Eucoccidiorida: Adeleorina) from Eastern Spiny Softshell, Apalone spinifera spinifera (Testudines: Trionychidae), from Arkansas	H.W. Robison (9717 Wild Mountain Drive, Sherwood, AR 72120)	
Chris	McAllister	Eastern OK St. College	No.	21	More Distributional and Host Records for Two Acanthocephalan Parasites from Arkansas Fishes (Aphredoderidae, Catostomidae, Centrarchidae, Cyprinidae)	H.W. Robison (9717 Wild Mountain Drive, Sherwood, AR 72120)	
John	McGarigal	University of Arkansas	UNDERGRADUATE	69	Scalability Studies for Compressible Flow Simulations	Alaina Edwards; Tulin Kaman (University of Arkansas)	
Daniel	McKague	Southern Arkansas University	UNDERGRADUATE	81	Developing Soft Actuators at SAU Engineering	Daniel McKague (Southern Arkansas University); Kenneth Escudero (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Kenneth Escudero
Amber	Melcher	Hendrix College	UNDERGRADUATE	44	Chemokine Secretion Varies Significantly in Papillary and Follicular Thyroid Cancer Tumor Cells	Sarah Glass (Hendrix College); Nathan Andress (Hendrix College); Amber Melcher (Hendrix College); Brock Sullivan (Hendrix College)	Nathan Andress, Brock Sullivan, Michaela Edwards
Kallie	Mendenhall	Arkansas Tech University	UNDERGRADUATE	59	Microenvironment-sensitive probes for selective recognition of serum albumin protein in solution	Siddhi Patel (Arkansas Tech University); Rajib Choudhury (Arkansas Tech University)	
Mariofanna	Milanova	UALR	No.	67	Computer Vision System for Identifying and Quantifying Waste	Sumuel Wills, Department of Computer Science , UA Little Rock	
Mariofanna	Milanova	UALR	No.	68	Human Interaction with Multivariate Sentiment Distributions of Stocks Intraday	Lamarcus Coleman, Computer Science Department, UA Little Rock	
Blake	Mitchell	University of Central Arkansas	UNDERGRADUATE	36	Variation in Habitat Use and Body Condition of Etheostoma caeruleum and Etheostoma fragi in the Strawberry River, Arkansas	Jennifer Main, Ginny Adams, and Reid Adams	
Reece	Mitchell	Hendrix College	UNDERGRADUATE	60	Organocatalytic pericyclic reactions: catalyst reactivity and substrate scope	Shawqi Musallam; Reece B. Mitchell; Hayden Criswell; Evan Glassford; Heidi A. Dahlmann (Hendrix College)	Shawqi Musallam; Reece B. Mitchell; Hayden Criswell
Dylan	Mitchell	Hendrix College	UNDERGRADUATE	71	Design and Implementation of 3D-Printable Optomechanical Components	Ryan Bullis (Hendrix College), William Gunderson (Hendrix College), Julie Gunderson (Hendrix College)	
Moir	Moore	Hendrix College	UNDERGRADUATE	41	Integrin Signaling is Required for Collagen-Mediated Tumorigenicity of Papillary Thyroid Cancer Cells	Jonathan Jenkins (Hendrix College); Sarah Gilmour (Hendrix College); Keith Taylor (Hendrix College); Cole Stanton (Hendrix College)	Jonathan Jenkins (Hendrix College); Sarah Gilmour (Hendrix College); Keith Taylor (Hendrix College); Cole Stanton (Hendrix College)
Hannah	Moore	Hendrix College	UNDERGRADUATE	48	Papillary Thyroid Cancer Cells Display Differences in Drug Sensitivity that are Dependent on Extracellular Matrix Composition	Brianna Kelly (Hendrix College); Sesalie Satterwhite (Hendrix College); Lauren Dwyer (Hendrix College)	Brianna Kelly, Sesalie Satterwhite, and Lauren Dwyer

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Karen	Morris	Hendrix College	UNDERGRADUATE	91	Cloud condensation nuclei (CCN) measurements: Design and calibration of a CCN analysis system	Hailey Hayes, Olivia Eddings, Megan Cassingham, and Courtney D. Hatch (Hendrix College)	Rebecca Parham
Li	Morrow	University of Arkansas at Little Rock	UNDERGRADUATE	87	Trout fishing tackle box	James W Smith, Ashokkumar M Sharma, Mamdouh Bakr (Department of Engineering Technology, University of Arkansas at Little Rock, Little Rock, AR 72204)	
Shawqi	Musallam	Hendrix College	UNDERGRADUATE	60	Organocatalytic pericyclic reactions: catalyst reactivity and substrate scope	Shawqi Musallam; Reece B. Mitchell; Hayden Criswell; Evan Glassford; Heidi A. Dahlmann (Hendrix College)	Shawqi Musallam; Reece B. Mitchell; Hayden Criswell
Varenya	Nallur	Hendrix College	UNDERGRADUATE	93	Restoration Potential of Abandoned Wells in the Fayetteville Shale	Maureen R. McClung (Hendrix College); Matthew D. Moran (Hendrix College)	
Emily	Neilson	University of Arkansas at Monticello	UNDERGRADUATE	23	Energy Content of Seeds of Texas Doveween (Croton texensis) from the Diet of Mourning Doves (Zenaida macroura) from Southeastern New Mexico	John L. Hunt (University of Arkansas at Monticello); Matthew E. Grilliot (Auburn University-Montgomery); Collin S. Deen (University of Arkansas at Monticello); Dixie Lozano Lopez (University of Arkansas at Monticello); Emily R. Neilson (University of Arkansas at Monticello); Taytum R. Schlegel-Ridgway (University of Arkansas at Monticello)	
Makayla	Nguyen	UAM	UNDERGRADUATE	9	Effects of Recreational Activities on Mussels and the Asiatic Clam in the Lower Saline River	Katie Pike (UAM); Edmond J. Bacon (UAM) Pike and Nguyen are co-presenters	Katie Pike
Tristan	Nivens	Southern Arkansas University	UNDERGRADUATE	78	Developing a Fluid Mechanics Experiment Using a 3D Printed Venturimeter	Jerry Ramsey (Southern Arkansas University); Austen Wood (Southern Arkansas University); Joel Howell (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Jerry Ramsey, Austen Wood, Joel Howell
Tristan	Nivens	Southern Arkansas University	UNDERGRADUATE	79	Evaluation of the stress-strain state for the 3D printed airfoil using finite element method	Jerry Ramsey	Austen Wood
Rebecca	Parham	Hendrix College	UNDERGRADUATE	91	Cloud condensation nuclei (CCN) measurements: Design and calibration of a CCN analysis system	Hailey Hayes; Olivia Eddings; Megan Cassingham; and Courtney D. Hatch (Hendrix College)	Karen Morris
Tanner	Parrott	Southern Arkansas University	UNDERGRADUATE	57	Analysis of Copper in Local Arkansas Wines	Gija Geme (Southern Arkansas University)	
Grishma	Patel	Hendrix College	UNDERGRADUATE	39	Chronic ethanol administration to rodents induces mitochondrial biogenesis	Tristan Lovelace (Hendrix College); Macie Stultz (Hendrix College); Diego Valdivieso (Hendrix College)	
Krishna	Patel	Hendrix College	UNDERGRADUATE	90	Biological and ecosystem level changes from the addition of reservoirs to headwater streams	Margaret A. Young (Hendrix College); Brian Staley (University of Central Arkansas); Danielle Braund (University of Central Arkansas); Maureen R. McClung (Hendrix College); Matthew D. Moran (Hendrix College); Sally A. Entrekin (University of Central Arkansas)	
Logan	Pearson	UAM	UNDERGRADUATE	32	Biodiversity and Community Structure of Aquatic Insects in the Little Missouri River	Dustin Booth (UAM); Edmond J. Bacon (UAM) Booth and Pearson Co-Presenters	Dustin Booth
Elias	Perez Reyes	University of Arkansas at Little Rock	UNDERGRADUATE	82	Effective Thermal Conductivity of Open Celled Copper Foam metals	Srikanth Pidugu (University of Arkansas at Little Rock)	
Katie	Pike	UAM	UNDERGRADUATE	9	Effects of Recreational Activities on Mussels and the Asiatic Clam in the Lower Saline River	Makayla Nguyen (UAM); Edmond J. Bacon (UAM)	Makayla Nguyen
Jerry	Ramsey	Southern Arkansas University	UNDERGRADUATE	78	Developing a Fluid Mechanics Experiment Using a 3D Printed Venturimeter	Tristan Nivens (Southern Arkansas University); Jerry Ramsey (Southern Arkansas University); Austen Wood (Southern Arkansas University); Joel Howell (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Tristan Nivens; Austen Wood; Joel Howell

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Isaac	Raphael	UCA	UNDERGRADUATE	77	An Investigation of Thermoelectric Element Power Generation and Heat Pumping Ability		
Elizabeth	Reed	Harding University	UNDERGRADUATE	61	Photocatalysis as a Means of Disinfecting Water During Space Flight	Elizabeth Reed; Shelby Reid; Jade Toth (Harding University)	
Jordan	Rhoades	University of Central Arkansas	UNDERGRADUATE	75	Protostellar Outflows in L1448		
Candy	Roberts	Arkansas Tech University	UNDERGRADUATE	92	Locating legacy oil and gas wells in Arkansas: refining magnetic methods	Michael G. Davis (Arkansas Tech University); Jason A. Patton (Arkansas Tech University); Jessica Buenrostro (Arkansas Tech University); Allie Roach (Arkansas Tech University); Hunter Vickers (Arkansas Tech University)	Hunter Vickers
Sarah	Roddy	Harding University	UNDERGRADUATE	14	Using Radio Frequency Identification to Test the Assumptions of Optimal Foraging Theory on Wintering Birds	Hannah E. Adams; Patrick J. Ruhl (Harding University)	Hannah Adams
Harrison	Russell	Hendrix College	UNDERGRADUATE	76	Quantitative Binding of Divalent Metal Ions To DNA Hairpin Loops	Julie Gunderson (Hendrix College); William Gunderson (Hendrix College)	
Rebecca	Sain	Harding University	UNDERGRADUATE	62	Photocatalytic activity of TiO2 in a closed circuit: eliminating organic contaminants in water using methyl orange as a model compound.	Dr. Dennis Province (Harding University); McKenzie DiLeo (Harding University)	
Eleni	Sallinger	University of Central Arkansas	GRADUATE student.	29	The bacterial microbiome of the social amoebae		
Edgar	Sanchez	Arkansas Tech University	UNDERGRADUATE	6	De novo development of microsatellite markers for genetic characterization of House Finches	J. Dylan Maddox (Field Museum of Natural History); Douglas G. Barron (Arkansas Tech University)	
Kate	Sanders	Hendrix College	UNDERGRADUATE	24	Creating a New Molecular Phylogeny of Arceuthobium	Kate Sanders; Jacob Idec; Adam Schneider (Hendrix College)	
Shelby	Sarna	Arkansas Tech University	UNDERGRADUATE	13	Songbirds alter their use of bird feeders in response to vocalization playback	Robin L. Middleton (Arkansas Tech University); Douglas G. Barron (Arkansas Tech University)	
Claudy	Sarpong	University of Central Arkansas	UNDERGRADUATE	46	Effects of Simulated Microgravity and Radiation on SERCA Expression in Arteries	Rahul Mehta (UCA, Dept of Physics & Astronomy); Parimal Chowdhury (UAMS, Dept. of Physiology); Brent J.F. Hill (UCA, Dept of Biology)	
Blake	Sasse	Arkansas Game and Fish Commission	No.	10	Plains Spotted Skunk Pelt Purchase Trends in the Ozarks and Ouachitas, 1943-1990		
Sesalie	Satterwhite	Hendrix College	UNDERGRADUATE	48	Papillary Thyroid Cancer Cells Display Differences in Drug Sensitivity that are Dependent on Extracellular Matrix Composition	Brianna Kelly (Hendrix College); Hannah Moore (Hendrix College); Lauren Dwyer (Hendrix College)	Brianna Kelly, Hannah Moore, and Lauren Dwyer
Nick	Scoles	University of Central Arkansas	UNDERGRADUATE	72	Development of an Acoustic Field Scanner		
Sherif	Selim	University of Arkansas at Little Rock	UNDERGRADUATE	84	Impact energy absorption behavior of lightweight interpenetrating phase composite foam	Sherif A. Selim (University of Arkansas at Little Rock); Ashokkumar M. Sharma (University of Arkansas at Little Rock); Kailash C. Jajam (University of Arkansas at Little Rock)	
JunHyeuk	Shin	Hendrix College	UNDERGRADUATE	4	The roles for specific chromatin environments in promoting dissociation of the FACT complex from 3' ends of genes following transcription.	Sydney Ozersky, Graham Harris, and Andrea A. Duina	
Sydnye	Shuttleworth	Harding University	UNDERGRADUATE	51	Analysis of Oxidative Stress of Membrane Lipids	Dr. Dennis Province (Harding University)	
Kameron	Skinner	University of Arkansas at Monticello	UNDERGRADUATE	22	Survey of Aedes albopictus oviposition in Southeast Arkansas		
Hannah	Smith	Harding University	UNDERGRADUATE	37	Analysis of De novo peptides for potential antimicrobial activity	Brandon Hogland; Amber Hug; Ryan Stork (Harding University)	

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James	Smith	University of Arkansas at Little Rock	UNDERGRADUATE	89	Wearable tackle/utility box	Li Morrow, Mamdouh Bakr, Ashokkumar M Sharma (Department of Engineering Technology, University of Arkansas at Little Rock, Little Rock, AR 72204)	
Cole	Stanton	Hendrix College	UNDERGRADUATE	41	Integrin Signaling is Required for Collagen-Mediated Tumorigenicity of Papillary Thyroid Cancer Cells	Jonathan Jenkins (Hendrix College); Sarah Gilmour (Hendrix College); Moira Moore (Hendrix College); Keith Taylor (Hendrix College)	Jonathan Jenkins (Hendrix College); Sarah Gilmour (Hendrix College); Moira Moore (Hendrix College); Keith Taylor (Hendrix College)
Ashley	Stewart	Southern Arkansas University	UNDERGRADUATE	30	The effects of caffeine and chlorogenic acid on Daphnia magna	Antoinette Y. Odendaal	
Brock	Sullivan	Hendrix College	UNDERGRADUATE	44	Chemokine Secretion Varies Significantly in Papillary and Follicular Thyroid Cancer Tumor Cells	Nathan Andress (Hendrix College); Sarah Glass (Hendrix College); Amber Melcher (Hendrix College); Michaela Edwards (Hendrix College)	Nathan Andress, Amber Melcher, and Michaela Edwards
Keith	Taylor	Hendrix College	UNDERGRADUATE	41	Integrin Signaling is Required for Collagen-Mediated Tumorigenicity of Papillary Thyroid Cancer Cells	Jonathan Jenkins (Hendrix College); Sarah Gilmour (Hendrix College); Moira Moore (Hendrix College); Cole Stanton (Hendrix College)	Jonathan Jenkins (Hendrix College); Sarah Gilmour (Hendrix College); Moira Moore (Hendrix College); Cole Stanton (Hendrix College)
Brianna	Trejo	University of Central Arkansas	GRADUATE student.	8	A Tale of Two Sylamores: Understanding relationships among landuse, nutrients, and aquatic community assemblages across a subsidy-stress gradient	D.M. Braund (University of Central Arkansas); A.J. Feltmann (University of Central Arkansas); G.B. Gavrielides (University of Central Arkansas); K.L. Lang (University of Central Arkansas); J.R. Main (University of Central Arkansas); A.K. Mogilevski (University of Central Arkansas); J.H. Mosbey (University of Central Arkansas); R.L. Relic (University of Central Arkansas); C.R. Rezac (University of Central Arkansas); G.L. Adams (University of Central Arkansas); S.R. Adams (University of Central Arkansas)	
Elizabeth	Versluis	University of Central Arkansas	UNDERGRADUATE	35	Characterization of Smoke Particle Emissions from Rocket Stoves versus Three-Stone Fires	Mackenzie Hoogshagen (UCA); Dr. Leah Horton (UCA); Mason Rostollan (UCA)	Mackenzie Hoogshagen
Rowdy	Vickers	Arkansas Tech University	UNDERGRADUATE	92	Locating legacy oil and gas wells in Arkansas: refining magnetic methods	Michael G. Davis (Arkansas Tech University); Jason A. Patton (Arkansas Tech University); Jessica Buenrostro (Arkansas Tech University); Allie Roach (Arkansas Tech University); Candy Roberts (Arkansas Tech University)	Candy Roberts
Brian	Wagner	AR Game & Fish Comm.	No.	5	History of Spring River Crayfish (Faxonius roberti) collections in the Strawberry River, Arkansas		
Elizabeth	Wess	Southern Arkansas University	UNDERGRADUATE	28	The antimicrobial activity of Callicarpa americana berry extracts	Kara Burchfield; Antoinette Y. Odendaal (Southern Arkansas University)	Kara Burchfield
Tristian	Wiles	Hendrix College	UNDERGRADUATE	12	Behavioral response of Carolina Wrens (Thryothorus ludovicianus) to songs altered to escape masking effects of anthropogenic noise	Spencer M. Skaggs (Hendrix College); SEP Maureen R. McClung (Hendrix College)	
Becka	Wilson	Southern Arkansas University	UNDERGRADUATE	83	Experimentation and Modification of Various 3-D Printed Water Pump Designs	Daniel McKague (Southern Arkansas University); Moriah York (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Moriah York (Southern Arkansas University)
Landon	Wolfe	Harding University	UNDERGRADUATE	49	Analysis of De novo peptide 3337 from the venom of R. rabida	Amber Hug; Brandon Hogland; Ryan Stork (Harding University)	

First_Name	Last_Name	Institution	Student		Title_1	Coauthor_1	Co_Presenter_1
Austen	Wood	Southern Arkansas University	UNDERGRADUATE	78	Developing a Fluid Mechanics Experiment Using a 3D Printed Venturimeter	Tristan Nivens (Southern Arkansas University); Jerry Ramsey (Southern Arkansas University); Austen Wood (Southern Arkansas University); Joel Howell (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Tristan Nivens; Jerry Ramsey; Joel Howell (Southern Arkansas University)
Moriah	York	Southern Arkansas University	UNDERGRADUATE	83	Experimentation and Modification of Various 3-D Printed Water Pump Designs	Becka Wilson (Southern Arkansas University); Daniel McKague (Southern Arkansas University); Moriah York (Southern Arkansas University); Mahbub Ahmed (Southern Arkansas University)	Becka Wilson; Daniel McKague; Moriah York
Yelaman	Zhenis	University of Central Arkansas	UNDERGRADUATE	73	Investigating relationship between strain applied to Rat's Leg bone and bone's mechanical strength	Rahul Mehta (UCA/Dept of Physics & Astronomy); Parimal Chowdhury (UAMS/Dept of Physiology & Biophysics)	