

Spring 2025 Student Showcase in Indianapolis: *List of Mentors and non-Student Acknowledgments*

Name spellings appear as submitted in OURConnect. Names may be edited (for future reporting) via “my profile” in OURConnect.

Students’ Role Notations: †Presenting Author, ‡Contributing Author, *Acknowledgment

Name	Presentation	Students	Title
Agarwal, Garvit	110	Supalerk Chularojmontri† Alan Brandon Arispe† Peter Rafael Astarbi† Yi-Lien Chen† Steven Chen† Rohan Haldankar† Muhammed Qaanith Kamal† Celine Lu† Mixuan Pan† Robert Henry Smith† Siddarth Velnati† Ethan Yang†	Live Like Lou Assistive Technology
Agarwal, Garvit	122	Shani H Hui† Ethan Michael Elliott† Hunter James Rutledge† Lakota Storm Robbins†	Habitat for Humanity, EPICS
Agarwal, Garvit	237	Nikolas Perry† Ethan Cash Rayles† Luke Yen† Ethan Michael Elliott† Sarah Eileen Kaufman† Hunter James Rutledge† Lakota Storm Robbins† Shani H Hui†	Peace Learning Center EPICS
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Alfrey, Karen Denise	120	Hailey Elizabeth Holstein† Ryan Khoury† Tilak Chandrakant Gondalia† Rodrigo Barrento Sobral‡ David Quan Xing Chin‡ Aiden Jasareno‡ Lindsey Denise Laine‡ Kyra Li‡ Emma Elizabeth Matoka‡ Jacob Isaiah Medina‡ Stephanie Morin‡ Ishita Mukadam‡ Nicholas Edward Perry‡ Sam William Pierce‡ Bennett Nathan Popp‡ Jaezmin Ruiz-Sanchez‡ Keira Riona Sadoski‡ Vishal Sandeep Sawant‡ Karamvir Singh‡ Estin Renato Stanisich‡ Alexander Maxim Volovich‡	EPICS: Engineers Without Borders

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Alfrey, Karen Denise	229	Robert Steven Norrist Josiah Elijah Acosta† Andrew Noble Byers† Gabriel Kosma Morali† Eubene Ethan In† Jackson Casey Poert† Johnathan Lee† Sonja Barbara Lemke† Luke Gerard Okonsky† Matthew Thomas Lucas† Moussa John Miller† Mohammed Samin Ullah Miyan† Ian Edward Morrison† Olivia Kay Timm† August Luke Peters† Jason Bricknell Sloan† Simon Thaddeus Milligan† Kelly Song† Nilay Thakkar† Jonah Dammes van Antwerpen† Noah Richard Walden† Zachary Baten†	Motorsports Outreach
Anasori, Babak	143	Christian Paul Hardy Scott†	A systematic study on the effect of different carbon precursors for the synthesis of MAX and two-dimensional MXenes
Anasori, Babak	145	John Ryan Waggle†	Low-temperature growth of multi-principle element 2D carbides from heterostructure thin-films
Anasori, Babak	241	Ayden Matthew Rosencranz† Antonio C De Oliveira Segura* Charlita Sinmak*	Testing the Longevity of Electrode Coatings Through Accelerated Aging
Bah, Aissata	128	Kelci Maire Malloy† Claire Mari Johnson† Luis Santiago Mendez Perez† Aahan Ritesh Patel† Anand Shanker† Om Shrikanth Janamanchi† Shreya Samiksha Baral† Mixuan Pan† Frederick Gengyu Lu† Quinton Ulysses Pedrick‡ Ihenna Nathan Anoliefo‡	Projecting Future Delta Faucet Product Contacts and Defects
Bah, Aissata	222	Kelci Maire Malloy† Claire Mari Johnson† Luis Santiago Mendez Perez† Aahan Ritesh Patel† Anand Shanker† Om Shrikanth Janamanchi† Shreya Samiksha Baral† Mixuan Pan† Frederick Gengyu Lu† Quinton Ulysses Pedrick‡ Ihenna Nathan Anoliefo‡	Projecting Future Delta Faucet Product Contacts and Defects
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Betz, Margaret Ann	134	Eniola Vikky Owolabi† Jasper Leeron Basir† Maninder Kaur† Thirukumaran Velejudham† Gregory K Harnert† Jermaine Leebron Basir† Prem Dilipkumar Patel†	Player Archotyping & Evaluation
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Betz, Margaret Ann	137	Reva Arlene Pettigrew† Ashish Kumar Kashyap† Sankhya Ganesht† Neelay Ranjan† Ptolemy Bryce Henson† Fetume G Teklu† Anuj Nirav Shah† Yassir Khalaf† Shreyas Sreenath†	LLM Maintenance Troubleshooter

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Betz, Margaret Ann	204	Raja Allmdar Tariq Ali† Vishal Wagh† Avanish Jayarama Mallya† Hana Zoaib† Jazmin Pulido† Muhammad Ahmad Rizwan† Ping-Chun Tsou† Prisha Singh† Vihaan Pradeep†	Automated Spark-Based Data Filtering Tool for Trip Qualification
Betz, Margaret Ann	212	Amaan Zahid Chaudhry† Doniv Joseph Vinod† Lekhya Sree Akella† Kyra Li† Savir Rajeshwar Patil† Shlok Tandon† Vishwa Mohan Surabhi† Mason Nicholas Arnoldy†	Data Driven Defect Analysis in High Pressure Die Casting
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Betz, Margaret Ann	220	Lina Im† Justin Azanli† Angad Singh† Dhruv Raj Patel† Jorge Antonio Jimenez† James M Scanlan‡ Justin Carmine DeRosa‡ Trung Duc Lam‡ Mason Nicholas Arnoldy‡ Larry Wei‡	Allison Transmission - Final Test Stand Warranty Correlation

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Betz, Margaret Ann	232	Sevinch Pasilova† Badr A Ramadan† Victor Vladimirovich Voznyuk† Abhinav Kotamreddy† Kashyap Vallur† Chanh Ly† Nathan T Fecadu† Omar M Ibrahim† Younes Y Aref† Aman Ibrahim Ali† Pragun Sethi† Parshawan Ta-xiyah Jamil Haynes† Dhruv Raj Patel‡	Allison Transmission Vehicle Clustering Project
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Carter, Jenna Suzanne	120	Hailey Elizabeth Holstein† Ryan Khoury† Tilak Chandrakant Gondalia† Rodrigo Barrento Sobral‡ David Quan Xing Chin‡ Aiden Jasareno‡ Lindsey Denise Laine‡ Kyra Li‡ Emma Elizabeth Matoka‡ Jacob Isaiah Medina‡ Stephanie Morin‡ Ishita Mukadam‡ Nicholas Edward Perry‡ Sam William Pierce‡ Bennett Nathan Popp‡ Jaezmin Ruiz-Sanchez‡ Keira Riona Sadoski‡ Vishal Sandeep Sawant‡ Karamvir Singh‡ Estin Renato Stanisich‡ Alexander Maxim Volovich‡	EPICS: Engineers Without Borders
Castle, Bryce	102	Raja Allmdar Tariq Ali† Vishal Wagh† Avanish Jayarama Mallya† Hana Zoaib† Jazmin Pulido† Muhammad Ahmad Rizwan† Ping-Chun Tsou† Prisha Singh† Vihaan Pradeep†	Automated Spark-Based Data Filtering Tool for Trip Qualification
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Castle, Bryce	109	Amaan Zahid Chaudhry† Doniv Joseph Vinod† Lekhya Sree Akella† Kyra Li† Savir Rajeshwar Patil† Shlok Tandon† Vishwa Mohan Surabhi† Mason Nicholas Arnoldy†	Data Driven Defect Analysis in High Pressure Die Casting
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Ghanati, Mahdi	205	Gavin Allen Arner† Zachary Gosnell† Elliott Samuel Korentager† Cohen Scott Meredith† Pralhad Prashant Mundargi† Gavin Wang† Aditi R Hemmige† Willard Gabriel Rash Cuevas‡ Samir Niradbhai Patel‡ Meghana Sunil Kumar‡ Jaskarandeep Kaur‡ Jakob Eric Mikolajczyk‡	Acrylic Redesign for Rat Enclosures
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Higbee, Steve	227	Renee Chantal El Miller† Zachary Knauss† Alexis Jo Whittinger† Geoffrey Lee VanSickle†	TieTech - Surgical Methods Practice and Assessment Device
Hillan, Sydney Gorman	107	Mehdi Omar Badawi† Malachi Eriq Barnett† Logan Taylor Bragg† Aurelia Azifa Chelfannisa† Alia Eissa† Ava Elizabeth Fuchs† Diego Lara Prieto† Seongho Lee† Mason William Smith† Aliza Marie Soyster† Elizebeth Ann Zike†	BME Outreach EPICS Team

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Hillan, Sydney Gorman	112	Junbin Cui† Kyle Richard Ding† Andrew Joseph Hruskocy† Sami Iqbal† Abigail Prathika Jebaraj† Ilana Jhirad† Zechariah Jones† Ju En Kim† Seongho Lee† Abdullah Mohamed† Moyinoluwa Samuel Ojerinde† Angelina C Powell† Ibrahim A Riaz† Sachidanand Sreeraj†	Indiana School For the Blind and Visually Impaired EPICS Team
Hillan, Sydney Gorman	118	Shay H Hardsaw† Trinity I'Shae Houston† Andrew Oscar Kahn† Faysal Olakunle Kasim† Soterios Steven Koukios† Khoa Dinh Dang Tran†	India 3 EPICS Team
Hillan, Sydney Gorman	124	Karan Rahul Karkhanist† Matthew Van Conner† Mason Lee Morgan† Isabelle Anne Hunt† Sophia Yixuan Lu† Ian D Morris†	Shafer Data Transfer Team
Hussein, Ahamed Thaha	100	Ahammad Ashar Ahammad Ashar† Krtin Akkineni† Daniella Daluchi Chizoba Ejeckam† Kjaesean Jaisyn Forde† Kalani K Harada† Nolan Lee Hardman† Vasanth Kalangari† Brandon Lee Koers† Juan Felipe McKendry† Pinidu Nanayakkara† Annalyz Nguyent† Zilan Patel† Neilambar Risal† Chaitanya Dnyanesh Sonawane† Cameron G Summersgill†	Autonomous Kart
Hussein, Ahamed Thaha	105	Sayee Sabri Anand† Yusuf Esmat Arafat† James Courtland Bailey† Joseph Adam Braun† Julian Bawi Lian Cawi† Luke Davist† Evelyn Clare Hays† Tristen John-Paul Hendzel† Rich Liut† Maverick James Masterson† Dashel Xavier Meinerst† James M Scanlan† Nahyr Sehgal† Sachiv Sekaran† Koebin M Shake† Nathaniel Ray Willhite† Zi Zhu†	VIP 17912's Section 504 Presentation
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Jenckes, Charles Holliday	119	Jonathan Steven Hickley† Erik William Schneider† John Richard Cox† Meyan Ketan† William Edward Dietsch† Aadi Bhattacharya† Michelle Katrin Novoselova† Ahana Roy Chaudhury† Richard James Buchanan† Valerie Wingsee Cheang† Nicholas Andrew Ostavnenko†	EPICS India 1: Developing a Prosthetic arm for Brain-Computer Interface Studies
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Johnson, Beata Nicole	246	Sharaya Lynn Wolfe† Varshetha Senthilkumar† Isabel Sofia Cifuentes† Natalia Regina Figueroa† Ovia Muthu†	Engineering Outreach Program with The Children
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Jones, Alan S	216	Ryan Faraji† Ethan Alexander Sutherlin† Ellenah Jaye Del Rio† Lauren Riley Kinsman† Dominique Nieto Corona‡ Diego Alejandro Cedeno‡ Isaac David Jones‡ Martin James Placido Pasco‡ Aidan James Mungovan‡ Ansh S Bhatt‡ Carter Jay McFall‡ Aaryan Gupte‡	ME Outreach
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Lee, Kevin T	207	Nishant Ramashankar Bhargava† Adrienne Dale Torres Balahadia† Cassandra Lobo Gonzalez† Partha Rathi† Eeshwar Ram Chalasani† Ihenna Nathan Anoliefo† Rikhil Tadiparthi†	AI applications in marine navigation
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Rausch, Steve Clayton	111	Luke Charles Crummett† Tsz Pui Jiang† Jacob Tyler Renta† Ojus Giri† Hao-Chen Li†	Simple Synth
Rausch, Steve Clayton	121	Jason Zhengxuan Huang† YuKuan Lu† Aaditi Anupam Vaval† Eric Chase Williams† Matthew D Samuel† Roni H Aziz†	Calculator with addition and subtraction capabilities.

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Rausch, Steve Clayton	132	Hang Minh Nguyen† Kaitlyn Hope Isaak† Kunaal Parashar† Jonathan Ka-Wing Chan† Antonio C De Oliveira Segura† Jan-Lun Chang† Sachenka Katrina Angel Aranguena† Stephanie Allissa Chau†	Extend battery life - Alle-IoT
Rausch, Steve Clayton	202	Bader Emad Abu-Shanab† Danielle May Hatt† Caleb Jaramillo Bonham† Carter Joseph Christie† Toby Dwayne George† Muhammad Irfan Bin Khairuddin† Bekhruza Mamajonova† Jin Park† Adam Zikry Mohd Shahrizan†	Alle-IoT
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Rausch, Steve Clayton	215	Yousef Tarek Morsey Elarabi† Dillon Michael Smitherman† Michael Patrick O'Hara‡ Peter Thomas Larson‡ Nebras Alam‡ Matthew Christian Burke‡ Abiel Amanuel Tesfazion‡	CED Inline 4 Engine display
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Rausch, Steve Clayton	236	Diego Alfonso Perez† Aiden Jake Stankiewicz† Shaun Alexander Conner† Amine El Hamma†	EPICS Inline 6 CED
Rausch, Steve Clayton	239	Soham Amol Purav† Amar Nath Gollamudi† John Philip Pretzler†	India 5 - Automatic Paneer Machine
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Thachuthara sonny, Ashley	112	Junbin Cui† Kyle Richard Ding† Andrew Joseph Hruskocyt† Sami Iqbal† Abigail Prathika Jebaraj† Ilana Jhirad† Zechariah Jones† Ju En Kim† Seongho Leet† Abdullah Mohamed† Moyinoluwa Samuel Ojerinde† Angelina C Powell† Ibrahim A Riaz† Sachidanand Sreeraj†	Indiana School For the Blind and Visually Impaired EPICS Team
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Torlakonda, Suchandra Teja	225	Courtney Angela McHale† Ravi John Pillai† Jesse Najera† Jonathan Nathaniel Clinton† Calvin Nathaniel Spaulding† Rylan Jacob Keith† Harrison Lee Fitch† Avery Marie Furlong† Jayden Pearl Jarmon† Zuriel Vazquez† Cole Matthew Burger† Jasen Michal McPartlan† William Ralph Simmon† Zachary Ray Ferguson†	Indianapolis Zoo
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Ulmer, Michelle S	122	Shani H Hui† Ethan Michael Elliott† Hunter James Rutledge† Lakota Storm Robbins†	Habitat for Humanity, EPICS

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Ulmer, Michelle S	141	Vincent George Romand-Heuyert† Kade Stephen McPherson† Samuel Evan Harpham† Wen Ling See† George Rares Nicolau† Myles Joshua Pristin Querimit† Mohammad Raiyan Ashrafi† Angie Allison Vazquez† Udan Ranmika Nimalasena† Navin Gopinath† Taylor A Smith† Peiyuan Yu†	Our Lady of Grace Community Garden
Ulmer, Michelle S	226	Jacob Metcalf† Luke Yen†	DIY Nitrous Oxide Rocket
Ulmer, Michelle S	237	Nikolas Perry† Ethan Cash Rayles† Luke Yen† Ethan Michael Elliott† Sarah Eileen Kaufman† Hunter James Rutledge† Lakota Storm Robbins† Shani H Hui†	Peace Learning Center EPICS
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