

S.no	First Name	Last Name	Affiliation	Abstract Title
1	Francesca	C'deBaca	Sandia National Laboratories	Static and Dynamic Thermomechanical Properties of Phase-Separated Epoxy Networks with Tuned Microstructures
2	Haley	Bortner	University of Virginia	Investigation of the effect of soft segment concentration on acrylated polyurethanes for vat photopolymerization
3	Rashmi	Samaraweera	Arizona State University	Tuning photo crystallinity in polymers using photo responsive additives
4	Alexis	Mojica	California Polytechnic State University	Sterically Hindered Carboxylic Acid Catalysts in Colloidal COF-300 Synthesis
5	Soroush	Dashtizad	Arizona State University	Manufacturing Layered Composite Structures via Frontal Polymerization
6	Sai Gowtham	Allu	The University of Arizona	Bioderived cellulose-based nanocomposite electrodes for energy storage
7	Chioma	Abiaziem	Federal Polytechnic Ilaro, Ogun State, Nigeria	A NOVEL ECOFRIENDLY CELLULOSE NANOCRYSTAL FROM SUGARCANE PEEL FOR COMPLETE REMOVAL OF Pb2+ FROM ITS AQUEOUS SOLUTION
8	Savannah	Rheingold	Brown University	Zn and Mg alkyl/aryl Î²-diketimates: Connecting structure and function in the ring-opening polymerization of cyclic esters
9	Saheed	Raheem	Arizona State University	Membrane-based CO2 removal from seawater and validation using liquid sample cell and gas analyzer
10	Ziyan	Yu	Brown University	Synthesis and Characterization of Multi-block Polyesters via Zinc Catalyzed Ring-opening Copolymerization (ROCOP)
11	Ani	Nazari	PhD Candidate	Alkaline Stability of Poly(2-methacryloyloxyethyl trimethylammonium chloride) for Direct Air Capture Applications
12	Abdullah	AlJabri	University of Arizona	Polymer-Functionalized Fe ₃ O ₄ Magnetic Nanoparticles: Integrating Dextran and Polydopamine for Enhanced Biomedical Applications
13	Taysha	Telenar	Arizona State University	Tuning the surface properties and biofouling resistance of fluorinated siloxane copolymers
14	Mohammad	Laeini	The Pennsylvania State University	Postpolymerization Graft Copolymers to Compatibilize Polymer Waste
15	Shrutika	Agrawal	Arizona State University	Synthesis of Siloxane Diamine Preceramic Coatings for Corrosion Protection
16	Megan	Hahn	University of Arizona	Synthesis and Functionalization of Magnetic Nanoparticles with Polymer Brushes for Magneto-Optical Photonics
17	Satya	Dulam	University of Arizona	Advancements in Organosulfur Fabrication Methods for Precision Optical Materials
18	Hannah	Knipmeyer Hunt	Arizona State University	The Dehydrocoupling of Siloxanes and Amino Acids to Prepare Sustainable Foams

19	Sam	Durfee	University of Arizona	High Performance Flame Retardant Polymers from Sulfur Based Monomer Feedstocks
20	Leila	Shahriari	University of New Mexico	Biomimetic CO ₂ , mineralization for controlled synthesis of calcium carbonate vaterite microspheres: Enhancing carbon storage potential
21	Max	Whittington	Northern Arizona University	Increasing Bioactivity of Silver Nanoclusters through Conjugation to KFE8 Peptide Fibrils
22	Marcellinus Onyedikachi	Ugwu	Arizona State University	Processing of Direct Air Capture Sorbents and Characterization Using Polarization-Modulated Infrared Reflectance Absorption Spectroscopy (PM-IRRAS)
23	Anusha Richelle	Henry Raj	Arizona State University	Integration of direct air carbon capture and atmospheric water harvesting
24	Ethan	Rose	University of Southern Mississippi	Thermally Stable, Bio-Based Epoxy Amine Thermosets Derived from Citric Acid: A Comparative Study with Isosorbide
25	Luc	Wetherbee	University of Minnesota	Mechanistic Explorations and Structure-Property Relationships of ROMP-based Polyoxazolidinones
26	Kevin	Coutinho	Arizona State University	AI Guided Exploration of Self-healing Polymers
27	George	Barrera	University of Iowa	Durable and Robust Antifouling Dual Network Zwitterionic Thin Films for Cochlear Implants
28	Carson	Baldes	University of Iowa	Towards Renewable Additive Manufacturing: Natural Molecules for Light-Based 3D Printing
29	Gautam	Kumar	Arizona State University	Manganese Catalyzed Dehydrocoupling of Silanes and Siloxanes with Ammonia to Prepare Oligosilazanes and Polysiloxazanes
30	Brandi	Martz	Case Western Reserve University	Time-Dependent Mechanical Enhancement of Polylactic Acid Through Biaxial Cold Rolling
31	Jaewoo	Choi	The University of Alabama	Molecular Weight Fractionation of Polyvinyl Chloride (PVC) in Green Solvent Systems
32	Hayley	McAllister	Northwestern	PHOTOSWITCHING INTERNAL CATALYSIS FOR REMOTE-CONTROLLED DYNAMIC COVALENT BOND EXCHANGE
33	Jacob	Narr	University of Arizona	Disulfide Glass: A New High RI Polymer for Precision Optics and Photonics
34	Cole	Bellomo	University of Arizona	The Effect of Fabrication Conditions on the Thermomechanical and Optical Properties of Inverse Vulcanized Polymers
35	Joseph	Jung	University of Arizona	Investigating the Effect of Sulfenyl Chloride in Inverse Vulcanization Polymers
36	Trevor	Hagan	University of Chicago	Optimizing thia-Michael Dynamic Covalent Networks as Pluripotent Materials
37	Pooja	Yadav	Clarkson University	Thermoplastic non-isocyanate polyurethanes: Synergy between structure and properties for application in coatings

38	Pritha	Bhunia	University of Southern Mississippi	Dynamic Transesterification in Epoxy-amine Vitrimers
39	Jacob	Narr	University of Arizona	Breaking the Glass: Development of Solution Processable High RI Polymers for Photonics
40	Kateryna	Rudich	North Dakota state University	A Systematic Approach to Assess the Size-Dependence of Polystyrene Model Microplastics on Human Serum Albumin
41	Shafagh	Khoshsorour	University of Arizona	Sulfenyl Chloride Commodity Chemical Feedstocks for High-Refractive Index Photopolymers for Plastic Optics
42	Kapil	Akula	Arizona State University	Enabling additive manufacturing of sustainable multifunctional high-performance polymers
43	Logan	Hessefort	Arizona State University	Synthesis and Characterization of Aromatic-containing Phase-Separated Non-Isocyanate Polyureas from Urea
44	Jose E.	Lopez-Cazares	Arizona State University	Synthesis and Water Vapor Separation Properties of Azine-linked COF Membranes
45	Khushi	Garg	Arizona State University	Vitrimeric Polycaprolactone Networks for Sustainable 3D Printing Applications
46	Margaret	Dugoni	Arizona State University	Immunomodulatory poly(alpha ketoglutarate) microparticles to enhance bone repair
47	Yukun	Wu	Purdue University, Argonne National Laboratory	Depolymerizable and recyclable luminescent polymers with high light-emitting efficiencies
48	Eric	Rachita	University of Minnesota	Rapidly hydrolyzable polylactide containing salicylate additives
49	Bryce	Askew	ASU	Functionalized PDMS for Membrane Separations of VOCs from Water