



RESEARCH INCUBATOR COURSES

DREAM RESEARCH INNOVATE
PROBLEM/ PROJECT BASED LEARNING

Empowering young innovators to transform their curiosity into scientific solutions for real-world challenges.

PROGRAM OVERVIEW

This immersive, ESA-eligible program guides students through every stage of scientific research and innovation—from identifying real-world problems to publishing their findings.

Our program offers a transdisciplinary, STEAM-focused journey that merges research, innovation, and entrepreneurship. Through dynamic, project-based learning, you'll work weekly with our top-tier innovation educators from July to April, developing the essential technical and life skills needed to solve real-world problems.

Upon completion each year, you won't just have a certificate, you'll leave with a portfolio of achievements which includes:

- A completed, high-level scientific research project ready for competition.
- Regional/State-level science and engineering fair competition experience
 - Potential to advance to prestigious national and international competitions like ISEF, JSHS, STS, Genspiration Prize, BioGeneius, Invention Convention, National Innovation Challenge etc.
- A manuscript submitted to a peer-reviewed journal.
- Dual-enrollment college credit (for students in 10th grade and above).

Year 1: Foundational Research & Innovation: Master the fundamentals of scientific inquiry and develop a novel project.

Year 2: Advanced Research, Prototyping, & Patenting: Take your project to the next level by building prototypes, exploring commercialization, and learning the patenting process.

Are you ready to truly problem-solve?



TOP SKILLS LEARNED

1. **Invent** a solution to a real-world problem.
2. **Design and test** your own prototype or experiment.
3. **Write publication-ready research paper.**
4. Master the art of the pitch & **public speaking.**
5. **Conduct professional-level patent & literature research.**
6. Develop powerful **critical thinking & problem-solving skills.**
7. **Lead & collaborate** in dynamic teams.
8. **Think creativity** like an innovator.
9. **Build resilience, adaptability,** & expert **time management.**
10. Gain **leadership & communication** experience.

JOIN DRIPBL!



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CHANDLER, AZ; EUGENE, OR; & BOSTON, MA

WHAT SETS US APART?



Pioneering Invention Education: We formally integrate invention education into a research curriculum. You will learn the entire process of securing Intellectual Property (IP), from patent searches to provisional patent applications.



A Multi-Layered Mentorship Network: You receive guidance from more than just our staff. Our unique ecosystem includes DRIPBL Ambassadors (successful program alumni) and Student Insight Mentors (undergraduates), who provide firsthand advice on navigating the college experience.



From Researcher to Entrepreneur: We don't just stop at research. We actively foster your entrepreneurial spirit by helping you build a personal brand, develop your portfolio, and provide ongoing support for your ventures.



True "Idea-to-Impact" Training: We guide you through the complete innovation pipeline. You'll go from brainstorming an idea and building a prototype to writing grants and pitching your final project.



Year-Round Expert Guidance: This isn't a summer camp. Our 10-month academic calendar provides consistent, dedicated support from expert instructors, ensuring you can develop a truly high-caliber project.



Focus on Real-World Results: Students are guided to compete at the highest levels, submit their work for publication, and build a powerful academic and professional portfolio that stands out.



Focus on Interdisciplinary Research: DRIPBL empowers students to pursue original research across STEM, arts, humanities, and finance—connecting them with expert mentors and real-world opportunities to explore, create, and innovate.



SINCE 2021

DRIPBL IMPACT



\$17.6M in
Scholarships



45% URM & Low-
income Students



18 Patents
Pending



9 Student
Patents



7 TEDx Talks

RESEARCH JOURNEY: FROM IDEA TO IMPACT!

Students will:

- Reverse-engineer projects based off of award-winning projects
- Learn experimental design, data analysis, and ethical research practices
- Prepare for science fairs and competitions like ISEF, STS, and JSHS
- Create research posters, presentations, research documents, and even apply for provisional patents
- Explore publishing opportunities and science communication strategies
-

Perfect to supplement education for homeschool learners and independent thinkers ready to dive into project-based learning in STEAM and the humanities.



Register
Now



DRIPBL
STEAM WITH A PURPOSE

DRIPBL STUDENT ACHIEVEMENTS & TESTIMONIALS



2024-2025 AWARDS, COMPETITIONS, SCHOLARS, & SCHOLARSHIPS



\$2.6M

Scholarship Impact

Awarded to DRIPBL Senior Alumni for 2024-2025



2

Prestigious Scholarships & Programs

Helios Scholars – Flinn Foundation

1

Flinn Scholar

1

John Locke Institute Essay Scholar

1

Borlaug Scholar

16

SCENE Internship Scholars



10

Research & Competition Awards

Grand Awards – Regeneron ISEF

4

Special Awards – Regeneron ISEF

11

Sigma Xi IForE Project Qualifications & Interviews

1

2nd Place Poster at JSHS Nationals - to Nationals

1

3M Scientist Award

10

Nominations

- 6 ThermoFisher Nominations
- 3 BioGenius Nominations
- 1 Genspiration Prize Nomination

Innovation & National Competitions

3

National Innovation Challenge Winners

4

National STEM Festival Finalists

2

Invention Convention Winners (6 projects nominated)

4

National Space Settlement Competitors

1

Odyssey of the Mind Winner

1

Texas Junior Academy of Sciences Winner (plus 2 nominees)



"I am incredibly grateful to Ms. Nath and DRIPBL for invaluable guidance and mentorship in science research and innovation. Ms. Nath's deep knowledge of science research and her patience in teaching complex concepts made a significant impact on my learning journey. She not only helped me refine my ideas but also encouraged me to think critically and push the boundaries of innovation. Her support has been instrumental in the success of my science project, which ultimately won science fair awards. Beyond being a scientist herself and coaching students, she fosters a passion for discovery and perseverance, shaping students' growth as researchers and problem-solvers. I truly appreciate her dedication and the time."

Brad Wu
Former Student
[publication](#)



Click for more testimonials



"When we moved from Bay Area to Chandler, AZ in 2021, we were understandably concerned about Jishnu's education and college applications, especially after seeing the Arizona education stats. Today, we are proud to share that Jishnu is targeting the top three colleges in the U.S.! We want to express our heartfelt gratitude to Mrs. Rachna for her incredible mentorship and support. Thanks to her guidance, Jishnu is now considering prestigious schools like Stanford, Yale, and Harvard. We understand that academic excellence alone isn't enough for high school seniors aiming for their dream colleges; outstanding extracurricular activities, volunteering, internships, and research programs are essential to strengthen their profiles. Since joining Mrs. Rachna's Biotech class at ACP High School, we have seen remarkable improvement in Jishnu. She has cared for him as if he were her own son, and his achievements have been visible day by day.

Here are just a few of Jishnu's accomplishments, all made possible through Mrs. Rachna's support:

- Club President of [STEAM NHS](#) at ACH High, participating in various volunteering programs.
- Best Project Winner at the Arizona Science Fair ([AZSEF](#)), qualifying him for [ISEF 2024 in Los Angeles](#).
- Participation in ISEF, where he received awards and a scholarship of \$60K from University of Arizona (U of AZ).
- Leading an 8-member team to apply for the [Lemelson-MIT](#) Excite Award, with plans to file a patent.
- [Publication](#) in Future Scholars Journal
- Selected for the prestigious [U of AZ KEYS Internship](#) 2024, conducting neuroscience research...

...We highly recommend that all parents discuss their children's plans with Mrs. Rachna to ensure they get the support they deserve. Thank you!"

Jyoti Nayak & Sabita Samal (Jishnu Nayak's Parents)





ALL RESEARCH INCUBATOR

COURSE OFFERINGS



*Pricing on demand	Very Popular	Very Popular		Very Popular		Very Popular	
	Research Incubator Course (RIC) YR 1	Research Incubator Course (RIC) YR 2	Summer Extension of RIC	Rising Senior Incubator	App Development Incubator	Innovation Tinkering Incubator	Private Mentoring Incubator
Who is this for?	5th to 12th graders	6th to 12th graders	5th to 12th graders	rising 12th graders	5th to 12th graders	2nd to 6th graders	5th to 12th graders, no RIC enrollment
Free-Consultation	1	1	1	1	1	1	NA
Joint Instructor Sessions	32	32	12	26	up to 12	16	18
1-on-1 Writing sessions	4	4	NA	2	NA	3	NA
Dual-Enrollment	Yes	Yes	No	Yes	No	No	No
Time of the Program	July to April	July to April	+ 2 Months	June to November	May to March	August to March	Twice every month
High Stake Competitions Preparation	Yes	Yes	Yes	Yes	Yes (App Challenges)	Yes (Invention/Innovation Comp.)	Yes
Req. to Submit Publication	Yes	Yes	Yes	Yes	No	No	Yes
Podcast Feature	Potential	Potential	Potential	Potential	Potential	Potential	Potential
TEDx Talk	Potential	Potential	Potential	Potential	Potential	Potential	Potential
Add ons (extra charge)	1-on-1 Sessions	1-on-1 Sessions	1-on-1 Sessions	1-on-1 Sessions	1-on-1 Sessions	1-on-1 Sessions	1-on-1 Sessions
Patent and Licensing help	If applicable (add on cost)	Yes	If applicable (add on cost)	If applicable (add on cost)	If applicable (add on cost)	Yes, up to 1	If applicable (add on cost)
Program Length	9-10 months	9 months to 2 years	2 months	7 Months	2-3 weeks	7 Months	9 Months
Meeting Time Online	Once a week (1hr)	Once a week (1hr)	Once a week (1hr)	Once a week (1hr)	4 days a week (3 hrs /day)	Twice a month (1hr)	Twice a month (1hr)
Total Number of Meetings Included	36	36	12	28	18	18	18