

BioEYES Summary 2022-2023

The 2022-2023 school year marks the 20th anniversary of BioEYES! We are very proud of the longevity and growth that BioEYES has sustained over the years. We set a goal to raise \$20,000 in honor of this milestone and we are pleased to share that we reached that goal and even went beyond! We appreciate all the donations made and want to give a big thanks to Penn and Maestro Filmworks who collaborated to make a wonderful short [video](#) about the program, which is featured on the homepage of the [BioEYES website](#). The video was filmed this past fall during a BioEYES week at Marshall Elementary school in the north east. Third and fifth grade students and their teacher, along with BioEYES staff, were featured and interviewed. It was a very exciting experience for all and the final product came out great, showcasing everything we love about BioEYES.



BioEYES programming in schools went smoothly, finally resembling pre-covid operations. 36 schools participated in BioEYES, the majority being returning schools. 28 of the schools are located in the city of Philadelphia and 8 are just outside the city limits. 6 of the schools have a large ESOL population and 2 are part of the Acceleration Network. We collaborated with 17 new teachers and 52 returning teachers, a few of which have done BioEYES for almost the entire 20 years of its existence! BioEYES reached over 3,600 students this past school year. About 30% of them were high schoolers, 40% middle schoolers, and 30% elementary schoolers. We were fortunate to have the assistance of Penn volunteers again this year. Our volunteers met with middle and high school students on zoom and gave short presentations on their current research as well as their path to Penn and becoming a scientist. Students get a chance to engage and ask scientists questions. This year, two of our schools asked for in-person volunteers. Our volunteers got to see BioEYES in action in a classroom while assisting students at the microscope. As an outreach program using live zebrafish we would also like to thank our two volunteers and zebrafish researchers who have helped us throughout the year. Volunteers came from the following departments: BioChem and Molecular Biophysics, Microbiology, Cell and Molecular, Cancer Biology, Pathology and Laboratory and BioEngineering.

BioEYES Classroom Totals 2022-2023	Volunteer Totals 2022-2023
<p style="text-align: center;">36 Schools 69 Classroom Teachers 3,652 Students</p>	<p style="text-align: center;">15 UPenn Scientist Volunteers 6 Schools 7 Teachers 427 Students 18 Volunteer Hours</p>

We would like to thank all of the volunteers listed below...

Jessica Brandt
Andrew Marques
Mike Noji
Kyle Barrie
Zarin Tabassum
Jennifer Ferd
Maeve Coughlan
Stephen Carro
Josue Medor
Rachel Braun
Elana Baltrusaitis
Kevin Mears
JaiBei Lin
Maya Hale
William Jones



Finally, the 2022-2023 school year ended on a high note with a week-long visit from our colleague, Laura Reid, who is the BioEYES coordinator at Monash University in Australia. Laura visited three east coast BioEYES sites during her visit, and went into the classroom with an Outreach Educator at each site to see BioEYES in action. She was able to time her visit so that it overlapped with our 20th Anniversary Event held at Penn. This event brought together the BioEYES teams from NYC, Baltimore, and Philadelphia to celebrate 20 years and honor the passing of one of our Baltimore Outreach Educators, Terrone Jasper (who was born and raised in Philadelphia). Recently an endowment fund at Johns Hopkins was named in honor of him. Together, with his family, we celebrated wonderful memories and continued science programming in his honor.

