

bausch and lomb honorary science award

bausch and lomb honorary science award is an esteemed recognition for high school students who demonstrate exceptional achievement in science. This comprehensive article explores the origins and significance of the bausch and lomb honorary science award, its eligibility criteria, benefits for recipients, and its impact on students' academic and professional futures. Readers will also learn about the selection process, historical context, and inspiring stories of past awardees. Whether you are a student, educator, or parent, this article offers authoritative insights into how the bausch and lomb honorary science award fosters scientific excellence and opens doors to future opportunities. Continue reading to discover everything you need to know about this prestigious science award.

- Overview of the Bausch and Lomb Honorary Science Award
- History and Purpose of the Award
- Eligibility Criteria and Application Process
- Benefits and Opportunities for Award Recipients
- Selection Process and Evaluation
- Impact on Student Success and Future Careers
- Notable Alumni and Success Stories
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Overview of the Bausch and Lomb Honorary Science Award

The bausch and lomb honorary science award is a prestigious honor given to select high school students who excel in science and demonstrate a strong commitment to academic achievement. Sponsored by Bausch & Lomb Incorporated, a global leader in eye health products, the award recognizes students with outstanding academic records in science-related courses. It is often presented during junior year, serving as a motivational milestone for students aspiring to pursue scientific studies at the collegiate level.

Recognized by educators and academic institutions nationwide, the bausch and lomb honorary science award is regarded as an indicator of potential for success in higher education and future scientific careers. Recipients are

often considered for additional scholarships and special programs, making the award a valuable asset for college applications.

History and Purpose of the Award

Origins of the Bausch and Lomb Honorary Science Award

Established in the mid-20th century, the Bausch and Lomb Honorary Science Award began as an initiative to promote scientific literacy and reward academic excellence. Bausch & Lomb, known for its innovative contributions to vision care and optical science, designed the award to encourage high school students to pursue careers in science, technology, engineering, and mathematics (STEM).

Goals and Vision

The primary goal of the Bausch and Lomb Honorary Science Award is to cultivate a passion for scientific inquiry among young scholars. By recognizing students with superior aptitude in science, the award aims to inspire the next generation of innovators, researchers, and healthcare professionals. The program also seeks to foster a culture of academic integrity and lifelong learning.

Eligibility Criteria and Application Process

Who Qualifies for the Award?

Eligibility for the Bausch and Lomb Honorary Science Award is typically determined by high school science faculty. Students who consistently achieve high grades in science courses such as biology, chemistry, physics, and advanced placement classes are considered strong candidates. Leadership qualities, participation in science clubs, and involvement in extracurricular activities related to STEM can further enhance a student's eligibility.

Application and Nomination Procedures

- Students are usually nominated by their teachers or school administrators based on academic performance.

- The selection process may involve a review of transcripts and teacher recommendations.
- Some schools may require a written statement from the nominee highlighting their interest and achievements in science.
- Nominees are notified in the spring semester of their junior year.

There is no standardized national application form; each participating high school has its own process for nominating candidates.

Benefits and Opportunities for Award Recipients

Academic Recognition

Receiving the Bausch and Lomb Honorary Science Award signifies a student's dedication to academic excellence, especially in the sciences. The award is recognized by colleges and universities across the country, often bolstering applications and increasing the likelihood of admission to competitive programs.

Scholarships and Special Programs

In addition to the physical award, recipients may be eligible for scholarships at select institutions, such as the University of Rochester. These scholarships can significantly offset tuition costs and provide access to exclusive research opportunities and honors programs.

Networking and Professional Development

- Invitation to science seminars and workshops hosted by universities and research organizations.
- Opportunities to connect with faculty members and professionals in STEM fields.
- Access to mentorship programs for aspiring scientists.

These benefits not only support academic growth but also provide a foundation for future career success.

Selection Process and Evaluation

Criteria Used by Schools

Each high school participating in the Bausch and Lomb Honorary Science Award program evaluates candidates based on a blend of quantitative and qualitative criteria. Academic achievement in science courses remains the primary factor, but schools may also consider leadership abilities, problem-solving skills, and participation in science fairs or competitions.

Role of Educators in the Nomination Process

Teachers and science department heads play a crucial role in identifying qualified candidates. Their recommendations are based on classroom performance, enthusiasm for the subject, and the student's overall contribution to the school community. This ensures that the award is bestowed upon individuals who truly embody the spirit of scientific excellence.

Impact on Student Success and Future Careers

Influence on College Admissions

The Bausch and Lomb Honorary Science Award is highly regarded by admissions officers at leading universities. It demonstrates a student's commitment to rigorous coursework and positions them as strong candidates for STEM majors. Many recipients report that the award helped them stand out during the college selection process.

Long-Term Professional Advantages

- Enhanced eligibility for internships and research opportunities.
- Greater visibility in professional networks and STEM organizations.
- Improved prospects for scholarships and fellowships in science disciplines.

Students who receive the award often pursue successful careers in medicine,

engineering, environmental science, and related fields.

Notable Alumni and Success Stories

Profiles of Distinguished Recipients

Over the years, many bausch and lomb honorary science award recipients have gone on to achieve remarkable success. Alumni include researchers who have made breakthroughs in medical science, engineers responsible for innovative technologies, and educators shaping the next generation of scientific minds.

Inspiring Journeys

Several awardees attribute their academic and professional accomplishments to the recognition and support they received through the bausch and lomb honorary science award. Their stories serve as motivation for current students to pursue their passions and strive for excellence in all scientific endeavors.

Frequently Asked Questions

What is the bausch and lomb honorary science award?

The bausch and lomb honorary science award is a prestigious recognition given to high school students who demonstrate outstanding achievement and dedication in science courses. It aims to encourage young scholars to pursue careers in STEM.

Who sponsors the bausch and lomb honorary science award?

The award is sponsored by Bausch & Lomb Incorporated, a global leader in vision care products and scientific innovation.

How do students qualify for the bausch and lomb honorary science award?

Students are typically nominated by science teachers or school administrators based on high academic achievement, leadership qualities, and involvement in science-related extracurricular activities.

What are the benefits of receiving the bausch and lomb honorary science award?

Recipients gain academic recognition, eligibility for scholarships, access to research programs, and networking opportunities with professionals in STEM fields.

Is the bausch and lomb honorary science award recognized nationally?

Yes, the award is recognized by educational institutions across the United States and is highly regarded in college admissions.

Does the award come with a scholarship?

While the award itself does not guarantee a scholarship, some universities, such as the University of Rochester, offer scholarships specifically for recipients of the bausch and lomb honorary science award.

Can international students receive the bausch and lomb honorary science award?

The award is primarily offered to students in the United States, but participating schools may vary by region.

How does the selection process for the bausch and lomb honorary science award work?

The selection process is managed by individual high schools and typically involves nominations from teachers, review of academic records, and consideration of extracurricular involvement.

What impact does the Bausch and Lomb Honorary Science Award have on future careers?

Recipients often have improved college admission prospects, greater access to internships and research opportunities, and enhanced professional visibility in STEM fields.

Are there any notable alumni of the Bausch and Lomb Honorary Science Award?

Yes, many award winners have gone on to make significant contributions in science, technology, medicine, and education, serving as role models for aspiring scientists.

[Bausch And Lomb Honorary Science Award](#)

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Bausch and Lomb Honorary Science Award: A Legacy of Scientific Excellence

The Bausch and Lomb Honorary Science Award holds a prestigious place in the annals of scientific achievement. For decades, this award has recognized groundbreaking contributions to various scientific fields, highlighting the dedication and innovation of exceptional individuals. This comprehensive guide delves into the history, significance, and impact of the Bausch and Lomb Honorary Science Award, providing a detailed overview for anyone interested in scientific accolades and the remarkable individuals who have earned this coveted recognition. We will explore its criteria, past recipients, and the lasting legacy it has established within the scientific community.

H2: A Glimpse into History: The Origins of the Award

The Bausch and Lomb Honorary Science Award wasn't born overnight; it's the culmination of a rich history intertwined with the legacy of Bausch & Lomb, a renowned optical company with a deep commitment to scientific advancement. Understanding its origins is crucial to appreciating its significance. Established [Insert Year of Establishment, cite source if available], the award initially focused on [Insert initial focus areas, cite source if available]. Over time, its scope broadened to

encompass a wider array of scientific disciplines, reflecting the ever-evolving nature of scientific inquiry. This evolution speaks volumes about the award's adaptability and its commitment to recognizing excellence across the spectrum of scientific breakthroughs.

H2: Criteria for Selection: What Makes a Recipient Stand Out?

The selection process for the Bausch and Lomb Honorary Science Award is rigorous and highly selective. Recipients are not simply chosen for their achievements; they are evaluated based on a comprehensive set of criteria that demonstrate sustained excellence and significant impact. This typically includes:

H3: Groundbreaking Research: The candidate's research must be demonstrably groundbreaking, pushing the boundaries of knowledge in their respective fields. This often involves innovative methodologies, significant discoveries, or the development of transformative technologies.

H3: Significant Contributions to the Field: The nominee's work should have a tangible and demonstrable impact on their field. This could manifest as advancements in theoretical understanding, practical applications, or the development of new tools and techniques.

H3: Impact on Society: While focusing on scientific merit, the award also considers the societal impact of the research. This recognizes the importance of scientific discoveries in addressing real-world challenges and improving human lives.

H3: Sustained Excellence: The award is often bestowed upon individuals who have demonstrated consistent excellence over a prolonged period, indicating a sustained commitment to scientific research and innovation.

H2: Notable Recipients and Their Contributions

The list of Bausch and Lomb Honorary Science Award recipients reads like a who's who of scientific giants. Each recipient's contribution has advanced their respective fields and left an indelible mark on the scientific landscape. [Insert examples of past recipients and their significant achievements, citing sources. Ideally, include diverse fields of science to showcase the breadth of the award.]. By highlighting these individuals and their work, we can fully appreciate the remarkable impact of the award.

H2: The Lasting Legacy: Impact and Influence

Beyond the individual achievements recognized, the Bausch and Lomb Honorary Science Award has fostered a lasting legacy within the scientific community. It serves as a powerful incentive for young researchers, demonstrating the potential for recognition and rewarding dedication to scientific pursuit. The award also strengthens the connection between scientific research and industry, highlighting the importance of collaboration and the translation of research into practical applications. The prestige associated with the award continues to inspire generations of scientists, promoting excellence and pushing the boundaries of scientific understanding.

H2: Finding Information and Staying Updated

For those interested in learning more about the Bausch and Lomb Honorary Science Award, further research can be conducted through [Mention relevant sources, databases, archives, or official websites]. Keeping track of updates and future recipients can often be achieved through [Suggest relevant channels, e.g., professional scientific societies, news outlets, or organizational websites].

Conclusion:

The Bausch and Lomb Honorary Science Award stands as a testament to the power of human ingenuity and the importance of recognizing outstanding scientific contributions. Its history, criteria, and recipients paint a vibrant picture of scientific excellence, inspiring future generations to pursue groundbreaking research and strive for impactful discoveries. The award's lasting legacy ensures that the contributions of exceptional scientists will continue to be celebrated and remembered.

FAQs:

1. Is the Bausch and Lomb Honorary Science Award still awarded? [Answer with accurate information, citing source if possible].
2. What is the frequency of the award being given? [Answer with accurate information, citing source if possible].
3. Are there any specific age restrictions for nominees? [Answer with accurate information, citing source if possible].
4. How can someone nominate a scientist for the award? [Answer with accurate information, citing source if possible. Include details of the nomination process if available].
5. What are some of the recent breakthroughs recognized by the award? [Answer with examples and citation].

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bausch and lomb honorary science award: Student Science Opportunities Gail L. Grand, 1994-03-16 Your guide to over 300 exciting national programs, competitions, internships, and scholarships. Detailed, easy-to-use listings include a description of each program, qualifications needed, information on housing and costs, credits earned, contact names and addresses, and application deadlines. Young Adult.

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with their biographies, portraits and the presentation speeches.

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bausch and lomb honorary science award: The Vaccine Race Meredith Wadman, 2017-02-07 A real jewel of science history...brims with suspense and now-forgotten catastrophe and intrigue...Wadman's smooth prose calmly spins a surpassingly complicated story into a real tour de force.—The New York Times "Riveting . . . [The Vaccine Race] invites comparison with Rebecca Skloot's 2007 *The Immortal Life of Henrietta Lacks*."—Nature The epic and controversial story of a major breakthrough in cell biology that led to the conquest of rubella and other devastating diseases. Until the late 1960s, tens of thousands of American children suffered crippling birth defects if their mothers had been exposed to rubella, popularly known as German measles, while pregnant; there was no vaccine and little understanding of how the disease devastated fetuses. In June 1962, a young biologist in Philadelphia, using tissue extracted from an aborted fetus from Sweden, produced safe, clean cells that allowed the creation of vaccines against rubella and other common childhood diseases. Two years later, in the midst of a devastating German measles epidemic, his colleague developed the vaccine that would one day wipe out homegrown rubella. The rubella vaccine and others made with those fetal cells have protected more than 150 million people in the United States, the vast majority of them preschoolers. The new cells and the method of making them also led to vaccines that have protected billions of people around the world from polio, rabies, chicken pox, measles, hepatitis A, shingles and adenovirus. Meredith Wadman's masterful account recovers not only the science of this urgent race, but also the political roadblocks that nearly stopped the scientists. She describes the terrible dilemmas of pregnant women exposed to German measles and recounts testing on infants, prisoners, orphans, and the intellectually disabled, which was common in the era. These events take place at the dawn of the battle over using human fetal tissue in research, during the arrival of big commerce in campus labs, and as huge changes take place in the laws and practices governing who "owns" research cells and the profits made from biological inventions. It is also the story of yet one more unrecognized woman whose cells have been used to save countless lives. With another frightening virus--measles--on the rise today, no medical story could have more human drama, impact, or urgency than *The Vaccine Race*.

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J.M. Galst, P. Van Alfen, 2018-11-30

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bausch and lomb honorary science award: Parenting a Normal Child to A+ Grades
Andrew F. Nazzaro, 2010-05 *Parenting a Normal Child to A+ Grades* provides instruction and inspiration to parents who wish to help their children achieve academic success and the benefits that accompany it, such as self respect; peer, school, and community recognition; and college

scholarship offers. This book is a how-we-did it biography/autobiography about how a boy who would rather be playing baseball than going to school was able to achieve an A+ average in junior high school and high school. The book is divided into four sections: a biographical section that describes how the author's son's success validates the approach; a how-we-did-it section that explains how the family's educational goals were accomplished; a get-involved section that relates how the author's experience as a member of the local board of education provided insight into the importance of the parent's role in a child's education; and a how-to section that illustrates the process of parenting your kids to good grades in a guidebook format for easy reference. Author Andrew F. Nazzaro is inspired by people who succeed through commitment and determination. He is a retired information technology executive in both the private and public sectors. He grew up in Poughkeepsie, New York, and now lives both in Malta, New York and Phoenix, Arizona. Publisher's website: <http://www.strategicpublishinggroup.com/title/ParentingANormalChildToA+Grades.htm>

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bausch and lomb honorary science award: The Intuitive Parent Stephen Camarata, Ph.D., 2015-08-18 You already have everything you need to raise a healthy, happy, intelligent child. Parenting today is practically a competitive sport, and marketers are all too happy to cash in. Scare tactics and scientific-sounding jargon make it seem like parents are in constant danger of hard-wiring their children's brains for failure. In fact, this state of parental anxiety is totally unnecessary—and possibly bad for our children. Babies are born with an appetite to learn. Children are naturally curious about the world and eager to explore it. They don't need flashcards, educational videos, or the latest iPad app to help speed their development. Attempts to get children speaking and reading before they're developmentally ready may even harm them in the long run. In *The Intuitive Parent*, Vanderbilt University child development specialist Dr. Stephen Camarata debunks the claims many of these "brain development" programs make. Using accessible, down-to-earth language he explains how parents can intuitively support their child's brain development by simply paying attention. Babies and children develop at their own pace; what's more, they are hardwired to signal to caregivers when they're ready for the next step. Restrictive tools like flashcards may derail your child's ability to learn holistically—and will definitely sap the joy from one of the most important jobs in the world: being a parent. The key is to recognize the "ready to learn" cues your child is giving you and respond in a way that comes naturally. Routine activities, such as playing peekaboo, reading books to a toddler, talking, singing, feeding, and otherwise meeting the everyday needs of a child, are the true magic that ultimately wires a child's brain and helps children become an intelligent, confident, curious, and talented adults. Grounded in the latest science by a nationally recognized child development expert, *The Intuitive Parent* arms parents and caregivers with the confidence and knowledge they need to quit worrying and enjoy the time they have with their child—no fancy gadgets or pricey videos necessary.

bausch and lomb honorary science award: *Herb, My Early Story* Herbert Waggener, 2010-02-24 I was born into a family with southern roots. My family moved often, making it difficult for me to fit in. I learned about science, was a pretty good worker and a fair athlete. Our family values helped me to thrive and to strive for knowledge. I mined coal, wrangled calves, milked a cow, made gunpowder, built rockets, firecrackers, and cannons, and became a fair electronic technician.

bausch and lomb honorary science award: *A State of Nine One One* D. L. Harman M. D., 2006-08 In this book the reader will discover that we all have the ability, in a matter of minutes, to destroy the people we love most. Based on a shocking true story, *A State of Nine One One* is an account of facts that everyone who loves someone should know. A physician and single mother is trying to raise her family right. An anonymous meeting with John F. Kennedy, Jr. changes her life for the better. When the pretty doctor is seduced by a dashing, alleged Mafia member, she finds her life exploding. Desperate to make sense of the tragic, surrealistic events in her life, the doctor turns to a psychiatrist for help, and characterizes a deadly disease in young people.

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United States National Science Foundation (U.S.), 1965

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bausch and lomb honorary science award: Going Back to Our Future II Jon Pedersen, Kevin D. Finson, Barbara S. Spector, 2015-08-01 Who were the pioneers in science education, and what motivated them to do what they did? This book is the second volume of an attempt to capture and record some of the answers to these questions—either from the pioneers themselves or from those persons who worked most closely with them. As with the first volume, we have attempted to include as many pioneers as possible, but we know that there are still many that are not included in this or the previous volume. As we have posed questions, rummaged through files and oft-neglected books, and probed the memories of many individuals, we have come to realize our list of true pioneers is ever growing. As we consider our list of pioneers, we know that there are names on the list that most of us readily recognize. We also fully realize that there are names of whom few of us have heard—yet who were significant in their roles as mentors or idea development and teaching. We continue to be impressed with our science education “family tree” ever branching out to more individuals and connections. The stories in this volume continue to demonstrate how vital this network was in supporting the individual pioneers during their journey in difficult times and continues to be for those of us today in our own enterprise.

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