



Penn State

Schreyer Honors College

ANNUAL REPORT 2015 | 2016



A MESSAGE FROM THE DEAN

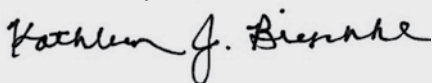
This is a year of transition for the Schreyer Honors College. After a decade of the visionary and able leadership of former Dean Christian M.M. Brady, I am confident that the College is well-positioned to weather the inevitable challenges that accompany transition. As Executive Vice-President and Provost Nicholas P. Jones stated, Dean Brady “laid a strong foundation for his successor to bring equal enthusiasm to the position and care just as deeply for the students as Chris has done.” Though I came to this position with considerable knowledge of the College from the perspective of a faculty member who has been at Penn State for 25 years and a parent of a 2014 Schreyer Honors College graduate, every day I am impressed by our talented Scholars and the commitment of the College’s staff to ensuring the high quality of their educational experience. A national search for a permanent dean is currently underway and is being chaired by the Dean of the College of Communications, Dr. Marie Hardin. We expect to have a permanent dean in place by the beginning of the 2017-2018 academic year.

Transitions can serve as a test of the strength of an institution and this annual report serves to establish that the Schreyer Honors College community is thriving. The College had a record number of applicants for the 2015-2016 academic year—3,934, which represents a 6.3 percent increase over last year. All signs indicate that we are on pace to match or exceed that increase this year. Collectively, the Class of 2020 includes students from 22 states and five countries with an average GPA of 4.0. The College also welcomed 299 continuing students admitted through the Gateway and Paterno Fellows programs. A total of 499 students graduated in 2015-2016, with an average GPA of 3.83. Our students are in high demand by employers and more than two dozen visited the Schreyer Honors College to share information about their workplaces and to inform Scholars of available job opportunities. Additionally, 34 percent of the Class of 2016 chose to pursue some type of post-baccalaureate education.

Transitions also create opportunities. We are fortunate to have the exemplary support of our External Advisory Board, Scholar Alumni Society Board, and Parent Advisory Council, in addition to our student leaders. Together, we are working to implement the College’s well-crafted strategic plan, while reexamining methods and models of honors education. We are united in our goal to maintain the high-quality educational experience we offer to our Scholars.

It is an honor and a privilege to lead the College and to work directly with our talented Scholars to ensure their success. This report is a testament to the Schreyer family’s vision of how an honors education can change lives. Many thanks for your continued support of the Schreyer Honors College.

Most sincerely,



Kathleen J. Bieschke, Ph.D.
Interim Dean, Schreyer Honors College



YEAR-AT-A-GLANCE

Schreyer Scholars again collected various honors and were recognized on a national level during the 2015-16 academic year.

- In January, graduating senior Ramya Gurunathan became only the second Penn State student to win the prestigious Churchill Scholarship since its inception in 1963, allowing her to pursue graduate studies at the University of Cambridge.
- Also in January, the undergraduate startup Project Vive, headed by senior Scholar Mary Elizabeth McCulloch, won the grand prize and \$15,000 in funding at a pitch contest sponsored by Investing in New Student Companies at Universities. The Vive device uses sensors in a glove to help children and others with cerebral palsy communicate more effectively.
- In March, David Stack, a senior majoring in economics, international politics and Chinese, became the first Penn State student to be named a Junior Fellow of the Carnegie Endowment for International Peace.
- Michael Cavazza, a Scholar majoring in petroleum and natural gas engineering, won first place in the Eastern North America regional Society of Petroleum Engineers (SPE) student paper contest in April with his paper on hydraulic fracking and acid mine drainage.
- In October, William Broaddus was the winner of the Pennsylvania chapter of the American Choral Directors' Association's 2015 Undergraduate Choral Conducting Competition.



Scholar alumnus Marke Dickinson ('89 Bus) delivered a message on the importance of personal branding during the Mark Luchinsky Memorial Lecture Series in January.



- In December, Matt Baranoski, who took a two-year hiatus from his studies to train as a cyclist, won a bronze medal in the keirin (track cycling) at the World Cup in New Zealand, helping him lock up a spot in his first Olympic Games.
- Student leaders included Terry Ford, President of the University Park Undergraduate Association; Jimmy Frisbee, Blue Band Drum Major; Rachel Reiss, Blue Band Blue Sapphire; and Laura Bowman, senior captain, women's ice hockey.
- In March, the College announced a record 3,930 applications received for the incoming freshman class, an increase of 6 percent from the previous year. The accepted Schreyer Honors College Class of 2020 includes 28 international applicants and represents 37 different states.



Facts & Figures

BY THE NUMBERS

As of 6/1/2016

- 363** Honors courses
- 398** Honors teaching faculty
- 479** Honors advisers and coordinators
- 26** Schreyer Honors College staff
- 1,881** Schreyer Honors College students (999 female, 882 male)
- 1,434** Pennsylvania residents (76%)
- 347** Out-of-state residents (18%)
- 100** International students (5%)
- 227** First-year students from PA (75%)
- 75** First-year students from out-of-state (25%)
- 7** First-year international students (.02%)



From information provided by students through the Student Records Systems

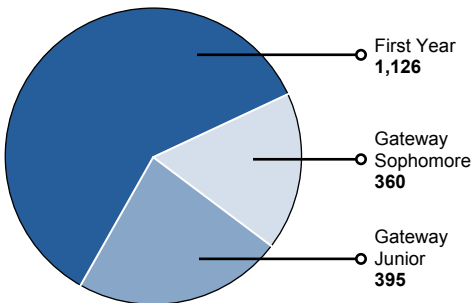
FIRST-YEAR STUDENTS

	Fall 2015	Fall 2014	Fall 2013
SHC mid-50% range High School GPA	3.98 – 4.33	4.00 – 4.33	4.28 – 4.33
PSU mid-50% range High School GPA	3.55 – 3.97	3.55 – 3.97	3.52 – 3.97
SHC mid-50% range SAT	1940 – 2150	1950 – 2153	2080 – 2180
PSU mid-50% range SAT	1750 – 2000	1750 – 2000	1730 – 1980

Note: PSU scores are for University Park only

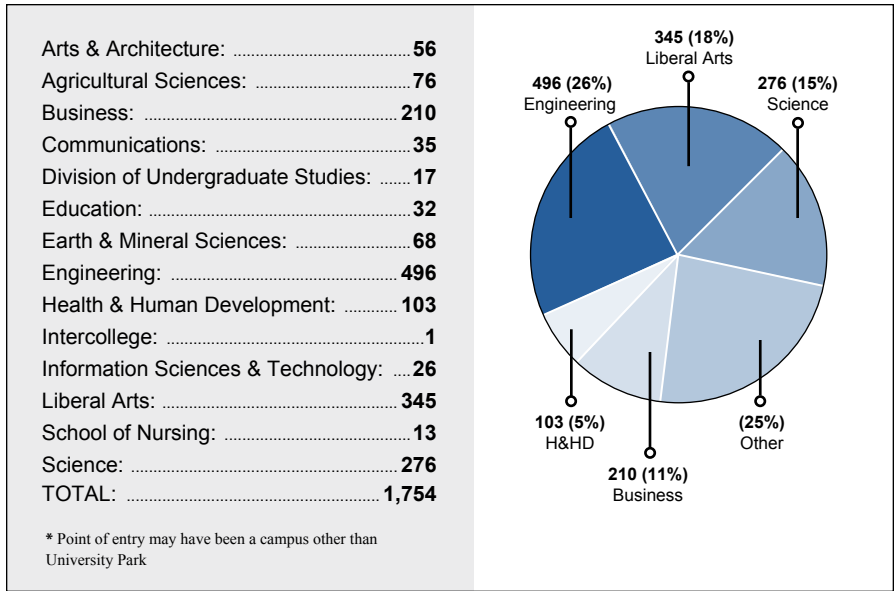
POINTS OF ENTRANCE

Campus Location:	Total	First Year	* Gateway Sophomore	* Gateway Junior
Abington	23	2	8	13
Altoona	8	2	2	4
Behrend	45	11	20	14
Berks	19	3	4	12
Brandywine	1	1	0	0
Capital	25	3	8	14
University Park	1,754	1,100	317	337
Other locations	6	4	1	1
TOTAL 2015-16	1,881	1,126	360	395




* Gateway Scholars are offered admission to the Schreyer Honors College upon the conclusion of at least one semester at Penn State having demonstrated a record of academic achievement and having merited a recommendation in support of their application from their academic department.

SCHOLARS AT UNIVERSITY PARK BY COLLEGE*



ACHIEVING ACADEMIC EXCELLENCE

Promoting Student Success





During the 2015-16 year, the Academic Affairs team met individually with more than 700 Scholars.

Academic Affairs initiatives included:

- **Lunch and Learn Sessions** for Honors Advisers and Faculty to provide constant training and support
- **Thesis Boot Camps** where Scholars can do focused work in a quiet space and ask SHC staff thesis questions

Visit shc.psu.edu/events for more information.

BUILDING A GLOBAL PERSPECTIVE

	2015-16	2014-15	2013-14
Study Abroad: <i>(service, research, internships)</i>	334*	335*	308*
Number of Countries Represented:	52	53	58
 52 countries Australia Brazil China Fiji Hungary Jordan Russia Senegal Sri Lanka United Kingdom	 334 Scholars studied abroad		

*Many students take advantage of multiple experiences.

HOW GRADUATING SCHOLARS PERFORM

	Summer [†]	Fall [†]	Spring [†]	Total	Avg. GPA	IUG [^]
2015-16	19	51	429	499	3.83	52
2014-15	27	51	438	516	3.83	43
2013-14	31	55	465	551	3.85	53

[†]Number of Graduating Scholars

[^]IUG is the Integrated Undergraduate-Graduate Program in which Scholars simultaneously complete requirements for bachelor's and master's degrees in selected disciplines.

Achievement

2015–16 Scholarships and Fellowships



Melissa Quinnan
National Science Foundation (NSF) Graduate Research Fellowship



Ramya Gurunathan
Churchill Scholarship



David Stack
Junior Fellow of the Carnegie Endowment for International Peace (James C. Gaither Junior Fellows Program)



Adam Uliana
Udall Scholarship



Laura Searles
2016 Dexter C. Jameson Jr. National Chi Epsilon Scholarship

Jacob Wisser
Barry M. Goldwater Scholarship award

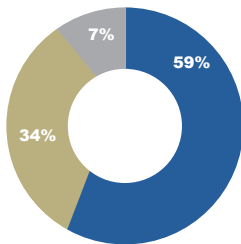
Additional Notable Scholarships Awarded to Scholars

Fulbright, Benjamin Gilman International Scholarship, U.S. Department of State Critical Language Scholarship; Boren Fellowship; DAAD Undergraduate Scholarship

2015–16 Graduate Outcomes

- Workforce
- Graduate
- Other

(Other includes internships, fellowships, travel, research, and more)



Five- and Ten-Year Outcomes

The Schreyer Honors College tradition of academic excellence follows our Scholars well into their futures. Review the breakdown of post-baccalaureate degrees obtained by Scholars five and ten years after they've graduated from the honors college online at <https://www.shc.psu.edu/admissions/why/graduates.cfm>.

Sample of Graduate and Professional Programs Enrolling 2015–16 Graduates

Carnegie Mellon University, Ph.D., chemical engineering

Columbia University, MA/MS, journalism and documentary film

Harvard Law School, J.D.

Johns Hopkins University, MA/MS, international political economy

National Chengchi University, MA/MS, international studies

Northwestern University, Ph.D., materials science and engineering

Stanford University, Ph.D., applied physics

Temple University, MA/MS, school psychology

University of Cambridge, MA/MS, scientific computing

University of Illinois, Urbana-Champaign, DVM, veterinary medicine

University of Montreal, Ph.D., biochemistry and human genomics

University of Pennsylvania Wharton School of Business, Ph.D., organizational behavior

University of Wisconsin-Madison, Ph.D., experimental particle physics

Sample of Employers and Positions Accepted by 2015–16 Graduates

Accenture – consulting analyst

Amazon – operations team leader

Bank of America Merrill Lynch – investment banking analyst

Bates White – consultant

Boeing – structural analysis engineer

Deloitte – IT risk consultant

Dreamworks Animation – videographer

Ernst & Young – capital equipment analyst

General Motors – Powertrain Mount CAE engineer

GlaxoSmithKline – Protein Biochemist

Hershey Medical Center – pediatric registered nurse

JP Morgan Chase & Co – analyst

Microsoft – software engineer

Ministerio de Educacion Nacional (Colombia) – English teacher

PNC Financial Services – risk analyst

PricewaterhouseCoopers – cybersecurity associate

Siemens – electrical engineer

Teach For America – corps member

U.S. Department of Defense – analyst

Vanguard – Vanguard Accelerated Development Program

Investment

Enhancing Honors Education



John Croteau '83 Eng

One line of the Penn State Alma Mater stands out in John Croteau's mind these days.

"When we stood at childhood's gate, shapeless in the hands of fate."

"It's a very impressionable time of your life," he says.

Croteau graduated from Penn State with a degree in engineering science and mechanics in 1983, three years after the University Scholars Program was established. For the last 19 years, it has been known as the Schreyer Honors College.

"It's just evolved into a much more refined and polished program," he says.

Croteau, the president, CEO and director at MACOM, has been a member of the College's External Advisory Board since 2005. He and his wife, Bonnie, have established a number of endowments that have bolstered the program.

In 2007, they established the John R. Croteau Family Trustee Scholarship, which provides financial assistance to Schreyer Scholars who have the greatest need for funds to meet their necessary college expenses. The Trustee Matching Scholarships allow many Scholars to stay in school.

Last year, the Croteaus recognized the value of excellent career services to help Schreyer Scholars be successful after their years in the classroom, and decided to establish the first Career Services Endowment in the College. With a commitment of \$250,000, the Croteaus will provide much needed program support for an office that serves some of the best and brightest students at Penn State — students in every College with many career tracks.

In addition to the Croteaus' personal philanthropy, MACOM sponsored CONNECT 2016 in April, an event that brings alumni and students together for career panels and networking. In doing so, they are helping provide Scholars with the type of experiences and support he received during his Penn State career.

Croteau recently took a look back at his college transcripts and realized that the classes that differentiated him from his industry peers were honors classes. When he has conversations with current Schreyer Scholars, he says, he walks away feeling that he had talked to someone 20 or 30 years older.

"They just carry themselves in a manner that is far beyond their years, whether it's reactions to online media, or their perspective on industry, business, the world," Croteau says. "The thing that strikes me is not just their intelligence, but the curiosity they have."

Gift Support

During the fiscal year ending on June 30, 2016, the Schreyer Honors College received 1,696 individual gifts totaling \$1,583,024.36. Most of these funds were contributed to new or existing endowments that directly support Schreyer Scholars as illustrated by the endowment and gift spending chart below.

**Schreyer Honors College
Endowment Market Value**
\$76,629,952.04 as of July 1, 2016

Endowment

The College's endowment is made up of 206 named funds that are designated to support specific areas of work in the college. The University distributes 4.5 percent of the market value of the endowed funds each year to support activities that enrich teaching, learning and research.

Supporting the SHC

Your support can help build the legacy of the Schreyer Honors College as we continue to "shape people who shape the world." Please contact us today at 814-865-4258 or ScholarAlumni@psu.edu.

ENDOWMENT AND GIFT SPENDING

2015–16 Fiscal Year	Number of Awards	Amount Awarded
Academic Excellence Scholarships: <small>(includes charitable and institutional funds)</small>	1,098	\$4,527,684
Need-based and Merit Scholarships:	252	\$918,062
Student Awards: <small>(travel grants, internships, and research awards)</small>	477	\$248,683
Program Support:	—	\$764,543
TOTAL:	1,827	\$6,458,972

Engagement

Alumni & Parents



Jenna Knapp '02 Edu is the director of production at Thread, a company that works to combat poverty by taking plastics from poor countries and recycling them into fabrics, creating sustainable jobs in the process.

Knapp, who was named a Schreyer Honors College Outstanding Alumna in 2015, manages supply chains for Thread, which was founded by Penn State alumnus Ian Rosenberger '03 Agr and recently formed a partnership with several other organizations as part of the Clinton Global Initiative.

The communications skills she honed in honors English classes help Knapp today, but the self-assurance and desire to contribute to a larger community she developed at Schreyer made her pursue a job with an organization that strives to have a global impact.

“The word ‘Thread’ is relating to the fact that there is a common thread through all people,” Knapp says. “Realizing that you do all have this common ground and that it doesn’t matter where you’re from or what you do or how you were raised or what you have, that you’re still just a person

and so is everyone else. If Schreyer is able to teach its students that they really are just a person in the world, that is going to send its students out better prepared to participate on a global level in so many ways.”

Knapp encourages students not to worry about which job they might take after graduation and to find their career through passion, not the other way around.

“I don’t think there is any way to find your correct path other than following things that you love,” she says. “Whatever it is you’re passionate about, follow it, and it will lead you into a career that allows you to change the world.”



Scholar alumna Lisa Baird ('82 Lib, '84 g Bus) was awarded the Penn State Alumni Association's Alumni Fellow Award for outstanding professional

accomplishments. Lisa is the chief marketing officer of the U.S. Olympic Committee (USOC), directing its sales and marketing division and overseeing corporate sponsorship, properties, media, events, consumer products, and direct marketing. The award is the highest honor given by the Penn State Alumni Association.

Alumni Recognition

2015 Schreyer Honors College Outstanding Scholar Alumni:

Andrew El Bardissi '03 Sci

Jenna Knapp '02 Edu

2015 Schreyer Honors College Outstanding Mentor Award:

Matthew Garrison '05 Eng

2015 Penn State Alumni Association Alumni Fellow Award:

Lisa Baird '82 Lib, '84g Bus

2016 Penn State Alumni Association Alumni Achievement Award:

Jill Jayne '04 H&HD

Ethan Wendle '13 Eng

To learn more about how to mentor a Schreyer Scholar, participate in the admissions interview program, or become involved as a Scholar parent, email ScholarAlumni@psu.edu.

Schreyer Spotlight

Student Achievement

SYLVIA BISCOVEANU '17 Sci, Lib

This experience has helped me redefine myself as a scientist.

Recipient of Goldwater Scholarship for 2016-17 year
Astronaut Scholarship Winner for 2016-17 year
Physics and Spanish Double Major
Founding Member of Penn State Music Service Club



Sylvia has been involved in research as an undergraduate in professor Miguel Mostafa's research group, assisting with the analysis of data taken with the Pierre Auger Observatory in the largest cosmic ray experiment in the world, to discover the origin of the most energetic particles in the universe. She has conducted research with the Laser Interferometer Gravitational Wave Observatory (LIGO) Collaboration in Melbourne, Australia.

She was awarded the Women in Science and Engineering Research (WISER) undergraduate fellowship from the NASA Pennsylvania Space Grant Consortium in 2014 and received the award for the top undergraduate presentation at the Mid-Atlantic Section of the American Physical Society (APS) in 2015.

"While astrophysics research may not be as directly applicable to solving societal problems as engineering or biology research, my goal is to contribute to mankind's understanding of our universe. A deeper understanding of the physical laws that govern the world we live in allows us to more intelligently apply them to solve problems, even if we don't have a particular problem in mind when the discovery is made."

JOHN CONNOLLY '16 Eng

It's one thing to be pushed by your peers, but the honors college showed me how to make that path possible.

Co-Founder and President of Penn State Performing Arts Council
Treasurer of Penn State Thespians (2014-2016)
Penn State Homecoming Court 2015



John helped launch an organization that brought the university's 82 student-run performing arts groups together when he co-founded the Penn State Performing Arts Council in 2014. The organization provides the groups they represent with marketing resources and workshops on how to collaborate with Student Affairs and Student Activities to achieve their goals so they can raise the quality of their art.

He credits his Schreyer experience with showing him how it is possible to succeed at academics — he graduated with honors in chemical engineering in May 2016 — while still being able to follow your passions.

"The arts have the ability to empower and inspire whether through the participation or enjoyment of them and I would like to give the world an opportunity to see that. Additionally, through my work in consulting, I hope to take on some of the world's greatest challenges and play my part in making the world function better."

SCHREYER HONORS COLLEGE

Mission Statement

Our mission drives in-class curriculum, out-of-class enrichment programs, and honors activities.

The mission of the Schreyer Honors College is to promote:

Achieving academic excellence with integrity,

Building a global perspective, and

Creating opportunities for leadership and civic engagement.

Vision Statement

To educate men and women who will have an important and ethical influence in the world, affecting academic, professional, civic, social, and business outcomes.

To improve educational practice and to be recognized as a leading force in honors education nationwide.

SHAPING PEOPLE WHO SHAPE THE WORLD™

shc.psu.edu

This publication is available in alternative media on request.

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