

2020 FCCC-Immersion Science Program Application

Deadline for Receipt of Application: Monday, October 28, 2019 BY 11:59PM (If mailing by post, please send with enough time for postal service to deliver in the morning mail. Thank you.)

* Required

1. Email address *



Skip to question 1.

Instructions- ISP Winter 2020 Application PLEASE READ CAREFULLY...

Thank you for your interest in the Immersion Science Program at Fox Chase Cancer Center.

Carefully read and complete each section of the application and click Submit no later than the due date posted (Monday, October 28, 2019 BY 11:59pm. The Google application dropbox will not accept applications after this time. A, automatic notification will be sent to your listed email stating that your application was received.

The ISP is not a grade, experience, nor standardized test driven program. It is of the utmost importance to write honestly and without exaggeration. ALL aspects of a student's background are important factors! Only sections noted are reviewed (blindly) by our selection committee, so write carefully and make yourself come to life in the responses to the open-ended questions.

IMPORTANT:

The form may not be saved to future work and we ask that you only click "Submit" once. If you make an error and need to resubmit, Google Forms makes you complete the form from the beginning. Please scroll through the application or print-screen to work on the sections prior to completing and submitting the application. If you wish to work on a paper copy and then transcribe the application all at once, please downloaded the .pdf version of the file.

The link to a printable .pdf is included here: https://drive.google.com/open?id=1ARp_U5SgYsXlnJ-ZoefzZW-bqZZpNjoX

You may resubmit an application, but you will have to complete the entire thing, Google Forms does not save the progress. Only one email address will be registered with the Immersion Science Program.

PLEASE respond in FULL sentences and use numbers when prompted to make an itemized list. Follow section/question instructions carefully.

Do NOT use:

- Dashes
- Hyphens
- Bullet points
- or any other formatting type-characters.

Using these characters will render your application unreadable, by the Selection Committee, in the response pages. Thank you!!

For additional information please see the Fox Chase Cancer Center's Immersion Science Links <https://www.foxchase.org/research/education/research-training-programs/high-school-students/immersion-science-program>

For questions regarding the Immersion Science Program or the application process please email: ImmersionScience.FoxChase@fcc.edu

Immersion Science Requirements and Pre-requisites

Applicants MUST be 16 by the start of the program.

Applicants MUST be in high school.

Applicants MUST have completed BOTH biology and chemistry. These high school courses (standard, honors, or AP) set the base for vocabulary and techniques used in the Immersion Science Program.

NEW FOR 2020!

Students that participated in either (1) 2019 Esperanza FlyLab summer program or (2) either section of the 2019 Penn Medicine Abramson Cancer Center- Immersion Essentials summer can WAIVE either biology or chemistry as a pre-requisite. (Not both). One course (bio or chem) can be concurrent to the Immersion Science Program.

2. I have read and understand the instructions for the ISP Application *

Mark only one oval.

- Yes
- No

Skip to question 2.

The Minimum Age Requirement for Working in a Cancer Research Laboratory at Fox Chase is 16.

This is a legal item and the ISP has no wiggle-room on the age of the applicant. Please take care to enter correct year. If the year is not adjusted, the application may not proceed through the review. This section is for ISP office only and will NOT be reviewed by the selection committee.

3. Date of Birth (Please be careful to change year) *

Example: December 15, 2012

Skip to question 3.

Student Information

Please complete all fields in this section. This section is for ISP office only and will NOT be reviewed by the selection committee.

4. Name First and Last (Formal) *

5. Preferred or Nick-Name

6. Home/Mailing Address (Street, City/Town, State, Zip) *

7. County *

Mark only one oval.

- Philadelphia
- Bucks
- Montgomery
- Chester
- Delaware
- Berks
- Lehigh
- Lebanon
- Lancaster
- Northampton
- Other, including NJ, NY, DE, MD or other State

8. If you selected "other" above, please note county (PA) OR other state AND city

9. Primary Phone Contact *

10. Secondary Phone Contact or "none" *

11. Primary email: This is where correspondence about the ISP will be delivered. PLEASE make sure email from ImmersionScience.FoxChase@fcc.edu does not go to SPAM folder! ** *

12. Secondary email or "none"

Family/Guardian Information

Please complete all of the following information

13. Parent/Guardian 1 (Name: First and Last) *

14. Home/Mailing Address (Street, City/Town, State, Zip) if the same, please enter "Same" *

15. Email or "None" *

16. Primary Phone: Please enter if different than Primary Student Phone or enter "Same" *

17. **Secondary Phone**

18. **Parent/Guardian 2 (Name: First and Last)**

19. **Home/Mailing Address (Street, City/Town, State, Zip) if the same, please enter "Same"**

20. **Email or "None"**

21. **Primary Phone: Please enter if different than Primary Student Phone or enter "Same"**

22. **Secondary Phone**

Skip to question 22.

School Information

This section is for ISP office only and will NOT be reviewed by the selection committee.

23. **Current High School (If Home Schooled-please note) ***

24. Current High School's District/County *

Mark only one oval.

- Philadelphia
- Bucks
- Montgomery
- Chester
- Delaware
- Berks
- Lehigh
- Lebanon
- Lancaster
- Northampton
- Other, including NJ, NY, DE, MD or other State

25. If you selected "other" above, please note county (PA) OR other state AND city

26. Current School Grade/Year *

Mark only one oval.

- Senior/12th grade
- Junior/11th grade
- Sophomore/10th grade
- Freshman/9th grade

27. Expected Year of High School Graduation *

Mark only one oval.

- 2020
- 2021
- 2022
- 2023

28. High School Guidance Counselor: Name *

29. High School Guidance Counselor: Phone with extension *

30. High School Guidance Counselor: Email *

Skip to question 30.

Demographic Information

Please indicate your predominant ethnic/racial background(s). This section is for ISP office only and will NOT be reviewed by the selection committee.

31. Check as many boxes as apply *

Check all that apply.

- African-American or Black (Not Hispanic/Latino)
- American Indian or Alaska Native
- Asian
- Hispanic/Latino
- Native Hawaiian or Other Pacific Islander
- White/Caucasian (Not Hispanic/Latino)
- Other(s) not listed

32. If other(s), please list below. Thank you.

33. Gender

Mark only one oval.

- Female
- Male
- Prefer not to say
- Other

34. If other, please list below. Thank you

Skip to question 34.

General Information

This section is for ISP office only and will NOT be reviewed by the selection committee.

35. How did you hear about the Immersion Science Program at Fox Chase Cancer Center? *

36. Please list the name and relation (including parent, teacher, employer, etc) of anyone who has helped with the completion of this application or enter "None". *

37. Have you or are you planning to apply to any other science or other program(s), including arts/music/theater and sports, that may have a scheduling conflict with any of the dates for the winter 2019 ISP? *

Mark only one oval.

- Yes
- No

38. If you selected "Yes" above, please enter the name of the program(s) below.

39. **Have you or are you planning to register for the SAT's, PSAT's, AP exams, or ACT's on a Saturday test date between 1/11/2020 and 3/21/2020? ***

Mark only one oval.

- Yes
 No

Skip to "2020 ISP Winter Section Options."

2020 ISP Winter Section Options

Participation in the ISP requires attendance at EVERY Saturday meeting. No exceptions, including vacations, exams, schools events/trips, athletic or academic competitions, standardized tests, etc. Please click on the dates/time(s) that you will be able to attend if your application is selected for the winter session. If invited to participate in ISP, you and your guardian/parent will be asked to sign next to your choices. Switching meeting times between sections is NOT permitted, so please be sure that you can attend ALL meeting dates/time(s) in either (a) ONE section or (b) BOTH sections. Applications that do not have at least one section's dates completed will not be reviewed. Clicking times in both sections is not a requirement for review. (It is fine to only select one section as long as you can commit to all meetings) For selected applications, only one section will be offered to tentative participants. Sections are not assigned by applicant preference, but by ranked scores and seat availability. Do NOT select both sections if you only have interest in attending one time section. The session meetings run for ~3hours, with time management being an underlying focus of the program. As long as ALL dates in either (1) ONE section OR (2) BOTH sections are selected, this will be considered complete for this item. Thank you. Questions? ImmersionScience.FoxChase@fcc.edu

Skip to question 39.

Section Dates

Commitment to attend all dates in either the Morning or Afternoon section is required. Applicants may select all dates in either (1) one OR in (2) both (only if commitment availability is equal for AM and PM) Please do not select both if they are unequal in availability. Switching days between the two sessions is not an option. This section is for ISP office only and will NOT be reviewed by the selection committee.

New for 2020!!: The ISP guarantees 1 Am and 1 Pm section for 2020. Up to (4) total sections: 2 Am and 2 Pm may be opened and will be determined by applicant interest.

40. **New for 2020! If available, would you like your application to be reviewed for an ALL School District of Philadelphia section? This section is NOT used during the blind review process.**

Mark only one oval.

- Yes
 No
 I am a student from a school district outside of Philadelphia

41. **Student Availability for Morning Section 8:30am to 11:30am**

Check all that apply.

- 1/11
 1/18
 1/25
 2/1
 2/8
 2/15
 2/22
 2/29
 3/7
 3/14

42. **Student Availability for Afternoon Section 12:30pm to 3:30pm**

Check all that apply.

- 1/11
 1/18
 1/25
 2/1
 2/8
 2/15
 2/22
 2/29
 3/7
 3/14

43. **ALL ISP Winter 2019 participants are required to attend the student presentation day (In its entirety) on Saturday, March 21, 2019 (9am to 3pm) ***

Mark only one oval.

- Yes, I will be able to attend the Student Presentation Day
 No, I will not be able to attend the Student Presentation Day

Skip to question 43.

Academic & ExtraCurricular Information

This section will be used in the (blind) selection committee review process.

44. List the honors, awards, or special recognition that are most important to you. These are not limited to academic honors. Limit to the recent three years, other than significant exceptions, with a maximum of five (5) items TOTAL or enter "None". Please number the items and hit enter/return for next item. *

45. Briefly describe your past or present extracurricular activities, volunteer activities (official or non-official), special interests, or community/national organizations to which you belong. Limit to a maximum of five (5) items that best give an over-all idea of your interests outside of science or enter "None". Please number the items and hit enter/return for next item. *

46. Briefly list the laboratory experience, including location/institution, techniques utilized, project title, and/or contribution to publications(if applicable). Limit to a maximum of five (5) items that give the best over-all view of your previous lab experience. Please include technical or laboratory courses taken in school or another location. For no prior laboratory experience, please enter "None". For experience gained during in-school school classes, please write name of class and learning activity. Please number the items and hit enter/return for next item. *

47. Describe any science, engineering, technology, or health-field related programs you have participated in previously, including non-high school sponsored science education programs or activities, science mentoring, science fairs, after-/during-school science, summer programs, or health-related clubs, etc. Please provide the full program name(s) NOT just the acronym/letters and limit to the past three (3) years or enter "None". Please number the items and hit enter/return for next item. *

48. Please describe any non-Science/"STEM" related interests, hobbies, or activities, if any, or enter "None". Limit to five (5) items. Please number the items and hit enter/return for next item.

49. List your last 2 places of employment with a one- sentence description of your duties or enter "None". Please number the items and hit enter/return for next item. *

Course Work

Please list under each heading, your course titles and LETTER grades for classes taken each academic year. Please give your current grades for the courses enrolled in this year. An official transcript may be

required by early December IF the application is selected for in-person interviews. Please hit enter/return for next item. For below example:

Biology AP B
Algebra A
US History A

and so on.... if you have not entered a grade yet (like 12th), please enter "N/A"

50. Ninth Grade *

51. Tenth Grade *

52. Eleventh Grade *

53. Twelfth Grade *

54. What is your current high school UNWEIGHTED (out of 4.0) grade point average (GPA)? If unknown, please ask your Guidance Counselor.

*

Standardized and AP Exams

Please let the selection committee know if you have completed or plan to take any of the following exams. Scheduled exam dates should be taken into consideration when selecting prospective ISP meeting dates/times. ISP meetings may not be made up, transferred, or switched. Missing a meeting results in being excused from the ISP session. Thank you for your understanding. Please hit enter/return for next item. For below:

Example

For each TEST heading (AP, ACT, SAT...) Or enter "N/A"
(List subject/section and score per line)

SAT
Math 560
Reading/Writing 620

List each AP exam taken on a separate line.

Example

Calculus 3
Art History 4
World History 4

etc... or enter N/A if you have not taken any AP exams to date

If you are planning to take the exam at a later date, please use a separate line:

AP Exam example:
Biology Spring 2017

55. **AP (Advanced Placement) Exams:** Please list any completed AP exams. Include subject and score or enter N/A.

56. **ACT (American College Testing)- College Readiness Exam.** If you have completed this assessment, please list scores and sections or enter N/A.

57. **PSAT/NMSQT (Preliminary SAT/National Merit Scholarship Qualifying Test.)** If you have completed this assessment, please list scores and sections or enter N/A.

58. **SAT (Standardized Test for College Assessment.)** If you have completed this assessment, please list scores and sections or N/A.

Skip to question 58.

Short Responses

Please respond to each of the items in this section. Answer in a manner that will allow the ISP selection committee to get to know you, even with all of the identification markers (name, gender, ethnicity, school, etc.) having been removed prior to review. Write in a way that makes you known to the reviewers through your answer choices and words. This is an opportunity to tell the selection committee your story. There are no "correct" or "incorrect" responses. The ISP selection committee wants to get to know YOU better through your responses.

This section will be used in the blind review process.

Post-Secondary Plans

Give the selection committee of idea of your future goals.

59. **Are you planning to attend college or a trade/technical school after you graduate from high school? ***

Mark only one oval.

- Yes
 No
 Undecided

60. **If you responded "YES" above, which are the top three colleges, universities, or trade/technical schools that you are considering? If No or Undecided enter "N/A" ***

61. What is your intended major or field of study? Please explain the reasoning behind your choice. If no or undecided, please enter N/A or "Undecided" *

62. If you responded "No" or "Undecided" what are your current plans for after graduation? (Travel, military, employment, etc). Please explain the reasoning behind your choice. If "Yes", enter "N/A" *

63. Flash forward...Describe your 30-year-old-self (academically, job-wise, socially, etc.). *

About You

The following will give the selection committee an opportunity learn about you. This section will be part of the blind review process and read by members of the selection and interview committees.

64. Describe three (3) talents and/or skills that you feel have made you successful in your academic career. Please number your responses. *

65. Each year the Immersion Science Program hosts several events and symposiums/symposia with guest speakers representing a wide range of experiences and accomplishments. What person, past or present, real or fictitious, would you invite to speak? And WHY? *

66. The ISP laboratory is arranged to allow four (4) participants to work in each "bay". What would you contribute to the dynamic nature of your bay to promote a productive working environment? *

For each of the following, respond to the situation, using examples when able...

67. How have you overcome a personal obstacle or perceived failure and what did you learn from it? *

68. In the age of social media, if you were using Twitter, what would you post, in an "old-school" 140 characters or less, to promote students getting involved in science, health-related, or STEM programs? Feel free to include a hashtag that you would like seen used to promote the ISP. *

69. What motivates you to learn? (This does not need to be science/STEM specific). *

70. Where you were part of a group or team that worked to solve a problem or addressed a challenge. Describe your role in the group/team. Describe the problem/challenge and how you took part in the solution.

71. Describe what you would consider to be your greatest achievement up until this point in time. If anyone, who helped you to obtain this?

The 6-Word Resume

Share your six-word resume. It has to be 6 words. No more, and no less. It can be personal, funny, or inspiring. Whatever works for you! You might choose to summarize your academic experience, and sprinkle in a bit of aspiration for your future goals.

Ex: "Funny shy kid. Loves science lab."; "I will always love lab experiments"; "Making a difference in my school"; "Quiet, reader, nice, studies, eats popcorn"

72. Six Words Only *

Its Lab Time!

You have the opportunity to work in a research lab. Which of the following typical lab jobs would you do?

73. Select one option per lab chore *

Mark only one oval per row.

	No, thank you.	Maybe, if I have to.	Yes! Happy to help!
Wash dishes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Organize frozen samples in boxes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inventory nutritional supplements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work with bugs and keep them fed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collect trash for proper disposal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clean-up and maintain general work areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Skip to question 73.

Statement of Interest

Applications require a Statement of Interest to be considered for review. It is important to address all of the items, noted below, in your response.

This statement allows the selection committee to evaluate your ability to communicate and offers you an opportunity to demonstrate your interest in attending the program, beyond "I like science". Avoid generalities and use details that show your interests.

Use this section to inform the selection committee about your collaborative skills, enthusiasm to participate in the ISP, and what you hope to share with the ISP, its participants, and community.

Describe yourself as a student and your interest in doing laboratory (cancer) research.

The selection committee is also interested in knowing about your future goals and how the ISP will assist you in the achievement of your future goals (college--> forward) that were not otherwise addressed elsewhere in the application.

This section will be used in the blind review process.

74. Use this space for your personal statement. (Maximum of 750 words - approximately a page & a quarter) *

Skip to "Reference Information."

Reference Information

In order for the Immersion Science Program's Selection Committee to get a more in-depth assessment of each applicant, we require the names and contact information for two (2) individuals that would be willing to give a reference to support this application. Please ask your references to assist in the completion of your application by providing them with the forms information below. (either via email or print)

Prior to the interview process, two (2) letters of recommendation will be required. One MUST be from a science teacher. Please verify, in advance, that she/he will have available schedule to write and submit a letter in support of your application, BY the end of October. The ISP has included links for the recommendation packets below.

Letters are REQUIRED for application review and the scheduling of in-person interviews, so please take this requirement seriously. Letters of recommendation should be e-mailed from the recommender's email address to: ImmersionScience.FoxChase@fcc.edu Subject: STUDENT NAME: ISP19LoR Postal address is located on packet.

- Recommendation letters can be one of the following individuals (not an exhaustive list):
- High School administrator (Assistant Principle, Principal, Counselor, etc)
- High School teacher of academics (Science, Math, English, etc)
- Current or previous employer
- Rabbi, Minister, Priest, or Clergyman from your place of worship
- Supervisor from a current or previous volunteer position
- Athletic coach

Skip to "Recommendation Packet."

Recommendation Packet

Links for downloadable and Google Doc versions of the 2020 Immersion Science Recommendation Packet can be found on the ISP Facebook Page, ISP Student FAQs/Fox Chase Page and below. PLEASE complete the top portion prior to requested the completion of the recommendation packet. All recommendations should be sent directly from the recommenders to the Immersion Science Program: ImmersionScience.FoxChase@fcc.edu Recommendations can arrive prior to the completed application and used to initiate the applicant file. Two packets are required, with one from a science teacher that has (preferably) known the applicant for over 1 year.

NOTE: Recommenders can contact the ISP office at ImmersionScience.FoxChase@fcc.edu

For printable pdf doc-version (downloads will be available at: <https://www.foxchase.org/research-training/education/research/high-school/immersion-science-program/faq>)

MS Word Doc
https://drive.google.com/open?id=1W7FDbgCFQyyTMyXX6Xav1KOzh_dXwKxW

Google Doc:
https://drive.google.com/open?id=18_K1KkMgkmGmLJkNrvJ19vf0IXP2Nsoo4vtN6QeYr0

Skip to question 74.

Socio-Graphic Information

This section will NOT be reviewed by the ISP selection committee as part of your ISP application process. Your responses to the below will be double-blinded. Information provided may contribute to a future population study through Fox Chase Cancer Center.

"Name" Generator

Who has been influential in your interest to apply for the Immersion Science Program? Please list all individuals that have had an impact on your science-related education and career decision making. (up to 10 individuals) NAMES are OPTIONAL, but please include relation to applicant and number of years applicant has known the individual. Please number each individual and enter after each.

Ex:

1. Elisa H. Aunt 17 years
2. George R. Parent 17 years
3. Anonymous Math teacher 3 years

75. See possible titles (or use others not listed) of relations in resource generator below.

76. Resource Generator: Check all columns that apply for each item. Indicate who has assisted you with each item. (Scroll over for all columns)

Check all that apply.

	Parent	Aunt/Uncle	Grandparent	Sibling	Other Relative	Friend	Friend's relative	Family Friend	Teacher	School Counselor	Clergy	Coach	Employer	Other-legal guardian	Other non-related individual
Helps you find school, college, or job opportunities	<input type="checkbox"/>														
Introduces you to people in their professional network.	<input type="checkbox"/>														
Helps you find an internship or job.	<input type="checkbox"/>														
Gives advice about career options	<input type="checkbox"/>														
Takes you to their place of science/health work.	<input type="checkbox"/>														
Talks to you about their own science/health work, or gives you information about science/health work.	<input type="checkbox"/>														
Gives you specific advice when you are faced with an academic obstacle.	<input type="checkbox"/>														
Writes you letters of recommendation.	<input type="checkbox"/>														
Recommends courses in science/health, or gives you advice about your academic options.	<input type="checkbox"/>														
Encourages you to stick to your science/health major.	<input type="checkbox"/>														
Helps you with the content in your science/health courses, helps you with an assignment, or gives you information about science/health curriculum	<input type="checkbox"/>														

If you checked "Other" above please complete the following

77. Other Relative

78. Other Individual: Non-Related

Skip to question 78.

Indication of Consent

PLEASE READ, SIGN and DATE BELOW*

I certify that this application has been read and that the the information is correct to the best of my/our knowledge. I have reviewed the Fox Chase Cancer Center's Immersion Science Program <https://www.foxchase.org/research/education/research-training-programs/high-school-students/immersion-science-program>

AND I consent for my daughter/son/ward to participate in the Immersion Science Program at Fox Chase Cancer Center if she/he is invited to participate.

I further understand that the applicant's selection is the responsibility of the ISP Selection Committee.

Additionally, I give consent for my child to use public or private transportation for participation in program meetings and related activities and to receive routine and/or emergency medical service (if necessary).

I authorize the Immersion Science Program and Fox Chase Cancer Center to use still or video photographs of my child for publicity purposes. Official Photo Release forms will be sent via e-mail to participants and will require a separate parent/guardian signature, to be turned into an instructor OR the Director of Volunteer Services during the on-boarding process, conducted at Fox Chase Cancer Center, prior to the start of the Winter session.

*NOTE: Applicants selected for placement in the Immersion Science Program at Fox Chase Cancer Center will be sent a downloadable copy which will be signed and brought to the the first session along with on-boarding and consent materials.

Student Contract: Please read and date below

I am willing to abide by the conditions and regulations set forth by the Fox Chase Cancer Center's Immersion Science Program. I realized that failure to comply with these rules may result in dismissal from the ISP. I understand that if I am invited to the in-person interview I will be required to bring a signed copy of this consent form.

79. Name: *

80. Date *

Example: December 15, 2012

Parent/Guardian Contract: Please read and date below

I am willing to have my child/ward abide by the conditions and regulations set forth by the Fox Chase Cancer Center's Immersion Science Program. I realized that failure to comply with these rules may result in her/his dismissal from the ISP. I understand that if she/he is invited to the in-person interview they will be required to bring a signed copy of this consent form.

81. Name *

82. Date *

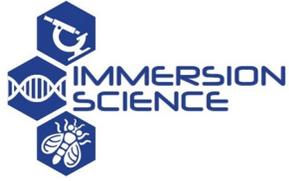
Example: December 15, 2012

83. I have double checked and ensured that ALL fields are complete and that ALL dates are accurate. I understand that my application will not be reviewed if fields are incomplete. *

Mark only one oval.

- Yes
- No

Thank you for your interest in the Immersion Science Program at Fox Chase Cancer Center. All final decisions will be made prior to December 20, 2019.



A copy of your responses will be emailed to the address you provided

Powered by
 Google Forms