

The Gerald D. Hines  
College of Architecture  
and Design,  
University of Houston

and

WONDERWORKS

present the 22nd Annual  
Summer Discovery Program  
in Architecture

an intensive, hands-on studio  
plus lectures and field trips

**12 JUNE – 14 JULY 2017**  
**9 AM - 3 PM, MONDAY – FRIDAY**  
**UNIVERSITY OF HOUSTON**



Photo © Matthew Monteith

# BY DESIGN

**BY DESIGN** is open to high school students of special promise and ability who will be entering grades 10, 11, or 12 next fall or who will have just graduated from high school this spring. Students admitted to the program must have at least a 3.0 cumulative grade point average on a 4-point scale or its equivalent.

Tuition and fees (including supplies and field trips but not parking) are \$800. Scholarships are available, but only for students demonstrating true financial need. Admissions are determined on a need-blind basis. No student will be prevented from participating in the program because of inability to pay tuition.

Classes are held at the University of Houston Central Campus, Monday – Friday, except 4 July. This program is meant to be enjoyable, but it is also challenging and requires focused effort and commitment.

To apply, fill out the student section of this form and then have a teacher or counselor who knows you well complete the recommendation section. Your teacher or counselor should then mail the completed form along with an official transcript reflecting your grades and PSAT scores plus any additional documentation required for scholarship consideration to:

Wonderworks  
PO Box 667550  
Houston, TX 77266-7550

To ensure full consideration, applications must be received by 1 May; early applications are encouraged.

All applicants will be notified by 22 May; early applicants will be notified sooner. Late applications will be considered only if space remains available. If you have questions or need additional information, e-mail [info@wonderworkshouston.org](mailto:info@wonderworkshouston.org) or call 713.301.4882.

*Architecture is an art for all to learn, because all are concerned with it.*

**JOHN RUSKIN** *Edinburgh Lectures, 1853*

*The architect and his brother the engineer are perhaps the most valuable citizens we have.*

**E. B. WHITE** *“A Letter from the West,” 1958*

Architecture combines practical considerations of function and sustainability with a poetics of form and meaning. Although architecture may take years to master, those who study it in college have usually harbored an intense curiosity since at least their early teens. This introductory studio with accompanying lectures and field trips will give you a broader, deeper understanding of the subject and also the opportunity to develop a portfolio for use in applying to schools of architecture should you eventually wish to do so.

The program presupposes no prior knowledge of architecture, simply a visual awareness and willingness to learn. You'll travel back in time to some of the most interesting buildings ever and also make the acquaintance of some of the most accomplished architects of all time as well as today. You'll visit some of the most extraordinary buildings and places in Texas, while also developing an appreciation for the architecture of the everyday landscape. Best of all, whether you decide to pursue architecture in college or not, you'll gain a lifelong appreciation of the built world around you.

The morning session typically begins with a slide-illustrated lecture on some aspect of architectural practice, history or theory or a case study of a building, given by a college faculty member or experienced practitioner. The rest of the day is devoted to the design of small buildings such as a food stand, studio house, pre-kindergarten learning center, café, bookstore, and other buildings of similar scale. Students work through two such projects of several weeks duration using a variety of techniques – especially study models. No computer-aided drafting or modeling skills are expected or required. Fridays are reserved for field trips – two in-town trips to visit architects' offices and buildings of special interest and two longer out-of-town trips (San Antonio-Austin and Dallas-Fort Worth-Waxahachie) which depart early in the morning and return late at night.

**1 GENERAL INFORMATION**

To be completed by the student:

Which program are you applying for? (circle one)

- By Design: **ARCHITECTURE**
- Moving Pictures: **FILMMAKING**
- Closer Looks: **ART HISTORY**
- Story Lines: **LITERATURE/FILM STUDIES**
- Play by Play: **THEATER**

\_\_\_\_\_

name (last, first, middle)

\_\_\_\_\_

street address

\_\_\_\_\_

city/zip code

\_\_\_\_\_

e-mail (your own or that of a parent or teacher – specify)

\_\_\_\_\_

home telephone                      cell telephone

\_\_\_\_\_

date of birth                              sex

\_\_\_\_\_

high school

\_\_\_\_\_

grade you will enter next fall (10, 11, 12, college)

\_\_\_\_\_

school district

\_\_\_\_\_

mother/female guardian's name

\_\_\_\_\_

address

\_\_\_\_\_

telephone                              e-mail (if any)

\_\_\_\_\_

occupation                              college graduate?

\_\_\_\_\_

father/male guardian's name

\_\_\_\_\_

address

\_\_\_\_\_

telephone                              e-mail (if any)

\_\_\_\_\_

occupation                              college graduate?

**2 NEED-BASED FINANCIAL AID**

To be completed by the student and parent or guardian ONLY if applying for financial aid:

Do you receive a federally subsidized free or reduced-cost lunch at school?  yes  no

If yes, have a school official verify below:

\_\_\_\_\_

signature of school official

\_\_\_\_\_

printed name of school official

\_\_\_\_\_

title

As proof, please also attach a copy of the official determination of eligibility.

Are you enrolled in the Texas Children's Health Insurance Program (CHIP)?

- yes
- no

If yes (and you do *not* receive a free or reduced cost lunch), please attach a copy of the enrollment certificate.

If the answer to either question above is yes, you qualify for a tuition waiver, and need not provide family income information below.

If the answer to both questions is no, but your family cannot afford the tuition, please provide the following information:

**My family's ADJUSTED GROSS INCOME for 2016 (or 2015 if the 2016 return has not been filed—circle one) was: \$\_\_\_\_\_.**

As documentation, you **MUST** attach a copy of a signed and filed first page of Form 1040EZ or the first two pages of Form 1040 or 1040A and, if self-employed, Schedule C "Profit or Loss from Business" from Form 1040. If parents are divorced and/or file separately, **both** must provide copies of tax returns.

**For all tuition waiver applicants:**

I affirm that the information provided above is true and correct and that this is a full disclosure of our family's financial circumstances and also that we truly need assistance.

\_\_\_\_\_

signature of parent or guardian

\_\_\_\_\_

printed name of parent or guardian

All information provided in this section is subject to independent verification. False or misleading statements and/or material omissions will cause the application for enrollment as well as financial assistance to be denied.

**3 ACADEMIC PROFILE**

To be filled out by a teacher who knows you well and/or a counselor. Your teacher or counselor should then mail this application, along with an official transcript and unofficial copies of PSAT score reports plus any supporting documentation for financial aid, directly to:

**Wonderworks, PO Box 667550  
Houston, Texas 77266-7550**

Your application cannot be processed without an official transcript and PSAT scores.

Cumulative grade point average: \_\_\_\_\_  
(If other than 4 point scale, please specify.)

Class ranking (approximate):  
 top 10 percent                       other (explain)  
 top 25 percent

PSAT	Score	Percentile
Reading/Writing	_____	_____
Mathematics	_____	_____
Combined	_____	_____

Month and year taken \_\_\_\_\_

Please provide unofficial copy of score report.

The student's curriculum can best be described as:  honors/gifted  college prep  regular

The student's behavior is:  
 always courteous and respectful  
 usually courteous and respectful (please explain)

Overall I would recommend this student:  
 most highly  
 highly  
 with reservations (explain)

Any additional comments you feel would help us assess the student's abilities. (Attach a separate sheet if necessary.)

\_\_\_\_\_

signature

\_\_\_\_\_

printed name

\_\_\_\_\_

title

\_\_\_\_\_

daytime and evening telephone numbers

\_\_\_\_\_

e-mail address

 **Have you remembered to include an official transcript and an unofficial copy of PSAT score reports?**

**EARLY DECISIONS FOR EARLY APPLICATIONS**