

American Chemical Society - Greater Houston Section Project Seed Program

The ACS-GHS Project Seed is a local program that offers a unique opportunity for economically disadvantaged high school students to spend the summer conducting hands on projects with a scientist in a laboratory environment. The program was restarted in **2008** and for the past ten years **128 high school internships/fellowships** have been experienced by area high school students. The ACS-GHS Project Seed program, an ACS Chemluminary finalist on two separate occasions has been coordinated by Carolyn Burnley for the past ten years. This program hosted a Bayer funded **fellowship** for **four area high school teachers** which allowed them to work in large industrial facilities such as **Shell, Bayer and Schlumberger** to assess the feasibility of a Project Seed program within industrial work areas and offer recommendations to facilitate such a work environment. **Over the past ten years, more than 48 mentors** have participated in this program. While many institutions have chosen to participate at various times throughout the ten years, we are proud to say that **Prairie View University and its Chemistry** department has supported Project Seed annually for more than ten years. The program's major funders have been the Greater Houston local section, Shell, Rushion McDonald-3815 Media, Joy Cocchiara, Dr. Dan Villalanti and Dr. David Thompson with each mentor contributing immensely to the success of this program with their time and mentorship.

YEAR	GHS INTERNS/FELLOWS	MENTORS
2018	Heaven Banks, (SEED II, Alief Hastings High School) Victoria Quach, (SEED I, Glenda Dawson High School) Zainab Abolade Lawson (SEED I, George Bush High School) Emiliano Perez Gomez, (SEED I, Dayton High School) Timothy Osazuwa, (SEED I, Harmony Science Academy) Maria Bolanos,(SEED I, Hightower High School) Moyne Williams (SEED I, Nimitz High School) Mariel Gonda , (SEED I, George Bush High School) Robin Reyes, (SEED II, Harmony High School) Kenya Soto, (SEED I, George Bush High School) Laila Tucker, (SEED II, Huntsville High School) Christian Gonzalez Ponce, (SEED I, Jersey Village High School)	Dr.Dan Villalanti/Joy Cocchiara – Triton Analytics Dr. Praveen Bollini, UH Dr. Venkata Pavan Raja Manuri & Dr. Andrew Barron, Rice Dr. M.Petitt, UTMB-Galveston Dr. Bruce Prince, TSU Dr. Mehmet Orman, UH Dr. Jakoah Brgoch, UH Dr. Bruce Prince, TSU Dr. C. Young, UST Dr. Venkata Pavan Raja Manuri & /Dr. Andrew Barron, Rice Dr .D.Thompson, Sam Houston Dr. Hua-Jun Fan, Prairie View
2017	Heaven Banks, (SEED I, Alief Hastings High School) Reginald Collins, (SEED II, Carver High School) Adesuwa Ehioghae (SEED II, Harmony High School) Yenifer Gil, (SEED II, Hightower HS) Kenia Ginyard, (SEED II, Cypress Woods High School) Alma Harris,(SEED II,Booker T Washington HS) Cindy, Mai (SEED II, North Shore High School) <i>2017 SEED Scholarship Awardee, attending UH in Fall, 2017</i>	Dr. Bruce Prince, TSU Dr. Yingchun Li, Prairie View Dr. Bruce Prince, TSU Dr. M.Petitt,UTMBGalveston Dr. Gina Chiarella, Prairie View Dr. Jakoah Brgoch, UH Dr. L. Grabow, UH

2017	<p>Deshaun Miller, (SEED II, Wunsche High School) Robin Reyes, (SEED I, Harmony High School) Kaleb Small, (SEED I, Spring High School) Lalia Tucker, (SEED I, Huntsville HS)</p>	<p>Dr. Gururaj Neelgund, PV Dr. C. Young, UST Dr. Hua-Jun Fan, Prairie View Dr .D.Thompson, Sam Houston</p>
2016	<p>Samantha Clem (SEED II, Huntsville HS) - <i>Attending Sam Houston U</i> Reginald Collins (SEED I, George Washington Carver High School) Adesuwa Ehioghae (SEED I, Harmony High School) Yenifer Gil, (SEED I, Hightower HS) Kenia Ginyard (SEED I, Cy-Woods High school) Alexia Harvey, (SEED I, Harmony School of Advancement) Alma Harris,(SEED II,Booker T Washington HS) - <i>Attending TSU</i> Cindy, Mai (SEED I, North Shore High School) Deshaun Miller (SEED I, Carl Wunsche High School) Babur Naimi (SEED I, Harmony High School) Paige Moore, (SEED II, Young Women’s Prep Academy) Chiagozie Ndukwe (SEED I, William Travis HS) Albert Partida (SEED I, Pearland HS) Nazaria Ramirez (SEED I, Booker T. Washington) Owais Raza (SEED I, Harmony High School) Shanii Tabb, (SEED I, Yes Prep, Fifth Ward) Hotam Yusupov (SEED I, Harmony High School)</p>	<p>Dr.D.Thompson,SamHouston Dr. Yingchun Li, PV Dr. Gina Chiarella, PV Dr. M.Petitt,UTMBGalveston Dr. Max Fontus, PV Dr. K. Aagard, BCM Dr. Jakoah Brgoch, UH Dr. Lars Grabow, UH Dr. Gururaj Neelgund, PV Dr. Hua-Jun Fan, PV Dr. O. Asojo, BCM Dr. Zhan, BCM Dr. B. O’Malley, BCM Baylor Dr. Mejia, BCM Dr. Max Fontus , PV Dr. Lopez, BCM Dr. Nathaniel Soboyejo, PV</p>
2015	<p>Cristian Cachado, (SEED II, Cypress Ranch HS) Ryann Cartwright, (SEED II, Reagan HS) Chrisan-Kay Clarke (SEED II, Cypress Springs HS) - <i>2016 SEED Scholarship Awardee, attending PVAMU in fall 2016</i> Zuriel Hodge (SEED II, Thurgood Marshall HS) Samantha Clem (SEED I, Huntsville HS) Saralene Nunley, (SEED I, Galveston Ball HS) Ngoc Pham, (SEED II, Westbury HS) Shelsea Portillo, (SEED I, Westbury HS) Richard Qian, (SEED II, Cypress Ranch HS) - <i>Attending PVAMU in fall, 2016</i> Victoria Taylor (SEED II, Yes Prep SW)</p>	<p>Dr. K. Aagard, BCM Dr. Shereen Ghaoui, UST Dr. Gururaj Neelgund, PV Dr. Yingchun Li, PV Dr .DThompson,SamHouston Dr. M.Petitt,UTMBGalveston Dr. O. Asojo, BCM Dr. F. DeMayo, BCM Dr. Gina Chiarella ,PV Dr. Hua-Jun Fan, PV</p>
2014	<p>Ryann Cartwright, (SEED I, Regan HS) Me’kelle Caballero, (SEED II, Hightower HS) Cristian Cachado, (SEED I, Cypress Lakes HS) Chrisan Kay Clarke (SEED I, Cypress Springs HS) Kelly Gray, (SEED II, Huntsville HS) Zuriel Hodge, (SEED I, Thurgood Marshall HS) Denwis La, (SEED II, North Shore HS)</p>	<p>Dr. R. Chandra ,UST Dr. F. DeMayo, BCM Dr. K. Aagard, BCM Dr. Gururaj Neelgund, PV Dr .DThompson,SamHouston Dr. O. Asojo, BCM Dr. George Bennet, Rice</p>

2014	<p>Chevis Lucky (SEED I, Cypress Ridge HS) Ronesia Martin, (SEED I, Hastings HS) Xavier McNeil, (SEED I, Huntsville HS) Jordan Murray (SEED I, Ball HS) Nancy Osazuwa, (SEED I, Harmony HS) - <i>2018 TSU graduate and ACS Scholar</i> Ngoc Pham (SEED I, Westbury HS) Richard Qian (SEED I, Cypress Ranch HS) Edwin Rodriguez (SEED I, C.E.King HS) Gonteria Robinson, (SEED II, Madison HS) - <i>2015 SEED Scholarship Awardee</i> Victoria Taylor (SEED I, Yes Prep Southwest) Sarah Castillo (Bayer Teacher Intern) North Shore HS</p>	<p>Dr. Hua-Jun Fan, PV Dr. B. O'Malley, BCM Dr.D.Thompson,SamHouston Dr. M.Petitt,UTMBGalveston</p> <p>Dr. Yingchun L, PV</p> <p>Dr. P. Tutunjian , Shell Dr. Gina Chiarella ,PV Dr. R. Chandra ,UST Dr. O. Asojo , BCM</p> <p>Dr. Hua-Jun Fan, PV Dr. V. Lafitte, Schlumberger</p>
2013	<p>Me'Kelle Caballero , (SEED I, Hightower HS) Erick Castillo (SEED I, North Shore HS) Ashton Cooper, (SEED I, Clear Springs HS) Kelly Gray, (SEED II, Huntsville HS) Tamar Johnson (SEED I (Yes Prep Southwest) Deshuantrice Jones (SEED I,North Shore HS) Denwis La (SEED I,North Shore HS) Xavier McNeil, (SEED I, Huntsville HS) Edwin Rodriguez (SEED I, C.E.King HS) Kevin Yee, (SEED I, North Shore HS) Christine Mai, (SEED II, North Shore HS) -<i>2014 SEED Scholarship Awardee, attending Rice in fall, 2014</i> Roxana Allen, Teacher Intern, St. John's Amanda James, Teacher Intern, Impact Early HS, Goosecreek Mallam Phillips, Teacher Intern, Hightower, H.S.</p>	<p>Dr. Gina M Chiarella,PV Dr. Remi Oki, PV Dr. M.Petitt,UTMBGalveston Dr.Thompson,SamHouston Dr. Yingchun Li, PV Dr. Gina Chiarella, PV Dr. Hua – Jun Fan, PV Dr.Thompson,SamHouston Dr. Gururaj Neelgund, PV Dr. A. Oki, PV Dr. George Bennett, Rice</p> <p>Dr. Mike Potter, Shell Dr. R. Ferrell, Bayer Baytown Dr. V. Lafitte, Schlumberger</p>
2012	<p>Aitch, Kevin, (SEED I, Cypress Lakes HS) Kevin Balthazar,(Seed II, Yes Prep, Northeast) Antonio Carrillo, (Seed II, Huntsville) Oshae Cartwright, (SEED I, Reagan HS) Cristina Coronado, (SEED II,Yes Prep, Northeast) Chelsea Harris, (SEED I, C.E.King HS) Annie La, (SEED I, North Shore HS) Jerome Lore, (SEED II, Hempstead HS) Christine Mai, (SEED I, North Shore HS) Luis Rodriguez,, (SEED II, Yes Prep, Northeast HS) Arnold Rollins, (SEED I, North Shore HS) Shybrion Tyler, (SEED II, Southwest HS)</p>	<p>Dr. Hua-Jun Fan, PV Dr. O. Miljanic, UH Dr.Thompson,SamHouston Dr. Gina Chiarella,PV Dr. E. Ledesma, UST Dr. Mike Matson, UHDT Dr. Mike Matson, UHDT Dr. Yingchun Li, PV Dr. Mike Matson, UHDT Dr. O. Miljanic , UH Dr. Gururaj Neelgund, PV Dr. E. Ledesma, UST</p>

2011	<p>Alma Acosta (SEED I, Elsie HS) Kevin Baltazar,(SEED I, Yes Prep, Northeast) Cristina Coronado, (SEED I, Yes Prep, Northeast) Nathaly Garcia (SEED I, Elsie HS) Jerome Lore (SEED I, Hempstead HS) Bailu Qian (SEED II, Cypress Woods HS) Carmen Munoz , (Seed I, Lamar) David Rivera (SEEDII, Northshore HS)</p> <p><i>Attending Rice in fall, 2011</i></p> <p>Louis Rodriguez,(SEED I, Yes Prep North Central) Shybrion Tyler, (SEED I, Southwest HS)</p>	<p>Dr. Hua-Jun Fan, PV Dr. E. Ledesma, UST Dr. E. Ledesma, UST Dr. Gururaj Neelgund, PV Dr. Gururaj Neelgund, PV Dr. Remi Oki, PV Dr Alvin Orbaek, Rice Dr Alvin Orbaek, Rice</p> <p>Dr. E. Ledesma, UST Dr. E. Ledesma, UST</p>
2010	<p>Bailu Qian (SEED I, Cypress Woods HS) Cambridge Shoulders (SEED I, Elsie HS) David Rivera (SEED I, Northshore HS) Harry Fairman (SEED II, Cyfair HS) Marshelle Roberson, (SEED II, Conroe HS) Erika Rivera,(SEED II, North Shore HS) Ryan Hammerly,(SEED I, Hightower HS)</p>	<p>Dr. Hua-Jun Fan, PV Dr. Antoine Carty, PV Dr. A. Amarasekara, PV Dr. Remi Oki, PV Dr. Gina Butuc, MST Dr. Alvin Orbaek, Rice Dr. Alvin Orbaek, Rice</p>
2009	<p>Chamond Brooks, (SEED II, George Bush HS) Alexis Castleberry, (SEED I, Stephen F Austin HS) Harry Fairman, (SEED I, Cyfair HS) Jerry Hughes (SEED I, McArthur HS) Natilia Rutherford, (SEED I, Stephen F. Austin HS) Erika Rivera,(SEED I, North Shore HS) Marshelle Roberson, (SEED I, Conroe HS)</p> <p>- <i>Currently Attending University of St Thomas in 2018</i></p>	<p>Dr. Hua-Jun Fan, PV Dr. Antoine Carty, PV Dr. Antoine Carty, PV Dr. V.M. Doctor, PV Dr. Delia Danila,, UTHC & Dr. Jodie Conyers UTHC Dr. Gina Butuc,MST</p>
2008	<p>Julianna Ajayi, (SEED I, Alief Elsie HS) Chamond Brooks, (SEED I, George Bush HS) Diamond Lewis, (SEED I, Stephen F. Austin HS) Passion Lewis, (SEED I, Lamar HS) Natilia Rutherford, (SEED I, Stephen F. Austin HS) Tiara Shattuck, (SEED I, Alief Taylor HS)</p>	<p>Dr. Antoine Carty, PV Dr. A. Amarasakara, PV Dr. V.M. Doctor, PV Dr. Abu Kanui, PV Dr. Hua-Jun Fan, PV Dr. Remi Oki, PV</p>