**VISION**

The Francis Family Foundation envisions current and future generations of well-rounded individuals who are creative, lifelong learners, striving to achieve their fullest potential within their communities.

Since 1913, when Parker Browne Francis II first launched the Oxygen Gas Company in Kansas City, Missouri, the Francis family has continued to be an inspirational and influential force in the Kansas City metropolitan area. In 1951, as the company grew and developed into a major national manufacturer and supplier of industrial and medical gases, Parker B. Francis II established a foundation bearing his name to help promote education and research in the fields of anesthesiology and related pulmonary sciences. Parker B. Francis III also established a foundation to fund his interests in education, and arts and culture. Since the two foundations merged in 1989 to become the Francis Family Foundation, the pattern of grantmaking made today still reflects the interests of the founding donors. For more information about the history of the Foundation, please visit www.francisfoundation.org.

Today, thanks to the vision of Parker B. Francis and his son John B. Francis, the Francis Family Foundation celebrates 67 years of philanthropy, including the funding of the Parker B. Francis Pulmonary Fellowship Program and support of educational and arts programs located within the Kansas City metropolitan area.

It is in the context of this history that the 2017 Annual Report honors the accomplishments of more than 305 grants representing a social investment of nearly $5.5 million. While John B. Francis and his wife Mary Harris Francis are both deceased, stewardship of the Foundation was passed to their children – Ann F. Barhoum, David V. Francis, J. Scott Francis and Susan Neves – and six non-family Board members – Debby Ballard, Mary Lou Jaramillo, David Oliver, J. Michael Sigler, Susan Stanton and Jean-Paul Wong. Susan Neves has since retired from the Board.

**STRATEGIC FRAMEWORK**

In 2017, the Foundation continued its use of the Strategic Framework for 2013-2017, which serves as a path to making this vision a reality. It is built upon strategies that target talented individuals and organizations that strive to provide excellent programs and services within their communities. Specifically, the Foundation focuses its strategies in the areas of pulmonary research, lifelong learning with a particular emphasis on early childhood development, and arts and culture. By focusing support in these areas, the Foundation is committed to making a difference in improving the quality of life through our grantmaking.

The following stories from our grantees illustrate some of their successes in the three focus areas of our Strategic Framework. The stories begin with Arts & Culture and Lifelong Learning locally, and then Pulmonary Research Fellows in the United States and Canada.
SUPPORTING ARTS & CULTURE IN KANSAS CITY
ARTS & CULTURE

DESIRED RESULTS
An excellent ecology of the arts grows and is sustained regionally; well-rounded children, youth and adults who can thrive in the 21st Century.

MEASUREMENT
• Arts and culture organizations and artists using effective and innovative strategies for audience development
• Schools with meaningful Arts in Education experiences integrated in school curricula and aligned with the common core standards
• Establish local public funding streams in the region to support arts and culture organizations and artists

OVERALL GRANTMAKING STRATEGY 2017
Support and advocate for development of the greater Kansas City area as a creative regional hub for excellence in arts and culture, rich with expression of diverse cultures and affording access to all levels of creative participation. The Foundation continues to support the many arts and culture institutions that “anchor” a strong and vibrant quality of life in Kansas City. At the same time, through our Small Arts Grants Program, the Foundation seeds both new and emerging organizations, and expands access for children and underserved populations throughout the community.

Francis Family Foundation funding promotes the principle that arts and culture are fundamentally important for all people.

2017 ARTS & CULTURE GRANT HIGHLIGHTS
The Foundation awarded 78 grants totaling $1,150,140 in support of arts and culture organizations and programs in the Greater Kansas City area.

Highlights from a list of 31 one-year grants (made to large and midsize arts and culture organizations for $730,000) using a continued emphasis on using effective and innovative strategies for audience development as reflected by the following:

• A $35,000 grant to the Kansas City Ballet in support of general operating expenses, as well as financial support for their proposed production of The Wonderful Wizard of Oz.

• Other grants include the support of: (1) growth and innovative programming at KCUR FM 89; (2) youth education and community engagement programs at the Kansas City Symphony; and, (3) the Musical Bridges program at the UMKC Conservatory of Music and Dance.

• Grants to non-arts organizations with an arts & culture program were given to, among others, Niles Home for Children’s Learning Lab: Arts and Music Therapy and Literacy Kansas City’s Writers for Readers.

Fourteen grants to large and mid-size arts organizations, previously approved in 2013 for a three-year grant totaling $30,000 each, were extended for an additional year in 2017 at $10,000 each. Examples include Arts Tech, the Harriman-Jewell Performance Series at William Jewell College and the Albrecht-Kemper Museum of Art. Grants for education programming were awarded to the Lyric Opera and the Kemper Museum of Contemporary Art.

In addition, the Foundation Board approved a $150,000 capital campaign grant to Mattie Rhodes Center for continuing renovation of their new office space in Kansas City, Missouri.
OPEN SPACES
THE GREATER KANSAS CITY COMMUNITY FOUNDATION
PROGRAM/INITIATIVE
GRANT AMOUNT: $150,000
GRANT AWARDED: 2017

From August 25 through October 28, 2018, Kansas City’s contemporary visual and performing artists joined their national and international counterparts in transforming the city into an ever-evolving arts experience. For 10 weeks, in spaces familiar and new, in parks and urban spaces, in galleries, performance halls and outdoor stages — Open Spaces transformed Kansas City into a living cultural tapestry into which the best of the world’s collective imagination can be woven.

At least 42 renowned and emerging local, national and international artists were selected for the exhibition component of Open Spaces 2018. Work by the artists were exhibited throughout Kansas City, Missouri, with Swope Park serving as the exhibition hub.

On weekends, attendees enjoyed the open-air environment of The Village, located in Swope Park south of the Southeast Community Center. The Village sprang to life with a stage for music, dance, the spoken word and theatre, a Makers Pavilion, and plenty of food and beverage options. There was a different program each Saturday and Sunday and the live music alone covered a full range of jazz, folk, rock, hip-hop, Americana and chamber music.

Open Spaces 2018 was a collaboration between the City’s Office of Culture and Creative Services and a private arts initiative led by Kansas City philanthropist J. Scott Francis, to create an event that highlights Kansas City’s arts, culture and creativity.
The Foundation continued the annual Small Arts Grant Fund supporting small arts groups and community-based arts programs. After review by the Small Arts Committee, the Board approved 45 grants totaling $250,725 contributing toward a diverse and vibrant arts scene in the region. Some examples include Arts & Ageing in Kansas City, GuildIt, KC Clay Guild, the Stone Lion Puppet Theatre and Kansas City Jazz Alive.

**KANSAS CITY JAZZ ALIVE**

**FRACUTRED ATLAS**

**PROGRAM/INITIATIVE**

**GRANT AMOUNT: $7,500**

KC Jazz Alive (KCJA) is dedicated to supporting, developing and serving Kansas City’s vibrant, historical jazz community. KCJA’s main program, the Charlie Parker Celebration, is a 10-day, city-wide festival dedicated to fostering new audiences, bringing attention and awareness to the vibrant Kansas City Jazz scene, and creating pride in our jazz history. Now in its 5th year, the Celebration is a collaborative event celebrating the music of Charlie “Bird” Parker.

It includes live performances by local and nationally recognized jazz musicians, panel discussions, listening opportunities, education and peer mentoring. All activities center around developing audiences, developing and supporting musicians, and supporting the jazz venues and related businesses that are a part of the jazz ecosystem.

This celebration offers patrons, fans, artists and venue owners a blend of live performances and unique educational opportunities to explore and recognize the brilliance of Charlie Parker and the significant contributions of Kansas City jazz to the global music scene.
The following section includes a list of 2017 grantees beginning with Arts & Culture and Lifelong Learning locally, followed by PBF Fellows in the United States and Canada. Capital and endowment campaigns are also included following the Arts & Culture grants list.

**ALBRECHT-KEMPER MUSEUM OF ART**
General operating support
Grant amount: $10,000

**AMERICAN JAZZ MUSEUM**
General operating support
Grant amount: $10,000

**ARTS KC REGIONAL ARTS COUNCIL**
General operating support
Grant amount: $100,000

**ARTS TECH**
General operating support
Grant amount: $10,000

**CHARLOTTE STREET FOUNDATION**
General operating support
Grant amount: $40,000

**COTERIE THEATRE**
General operating support
Grant amount: $25,000

**FOLLY THEATER**
General operating support
Grant amount: $10,000

**FRIENDS OF CHAMBER MUSIC**
Program/Initiative
Grant amount: $10,000

**HARRIMAN-JEWEAL SERIES (William Jewel College)**
General operating support
Grant amount: $10,000

**HEARTLAND MEN’S CHORUS**
General operating support
Grant amount: $10,000

**HEART OF AMERICA SHAKESPEARE FESTIVAL**
General operating support
Grant amount: $10,000

**KANSAS CITY ART INSTITUTE**
General operating support
Grant amount: $30,000

**KANSAS CITY BALLET**
General operating support
Grant amount: $30,000

**KANSAS CITY FRIENDS OF ALVIN AILEY**
General operating support and diversity symposia
Grant amount: $35,000

**KANSAS CITY REPERTORY THEATRE**
General operating support
Grant amount: $25,000

**KANSAS CITY SYMPHONY**
Program/Initiative
Grant amount: $30,000

**KANSAS CITY YOUNG AUDIENCES**
General operating support and STEM
Grant amount: $50,000

**KCPT**
Program/Initiative
Grant amount: $50,000

**KCUR FM 89**
General operating support
Grant amount: $25,000

**KEMPER MUSEUM OF CONTEMPORARY ART**
General operating support
Grant amount: $10,000

**LYRIC OPERA OF KANSAS CITY**
Program/Initiative
Grant amount: $10,000

**MESNER PUPPET THEATRE**
General operating support
Grant amount: $10,000

**METROPOLITAN ENSEMBLE THEATRE**
General operating support
Grant amount: $15,000

**MID-AMERICA ARTS ALLIANCE**
General operating support
Grant amount: $10,000

**MISSOURI ALLIANCE FOR ARTS EDUCATION**
General operating support
Grant amount: $35,000

**NATIONAL WORLD WAR I MUSEUM & MEMORIAL**
Liberty Memorial Association
Program/Initiative
Grant amount: $20,000

**NELSON-ATKINS MUSEUM OF ART**
(Nelson Gallery Foundation)
Program/Initiative
Grant amount: $75,000

**OPEN SPACES**
Program/Initiative
Grant amount: $75,000
PERFORMING ARTS SERIES AT JOHNSON COUNTY COMMUNITY COLLEGE  
General operating support  
Grant amount: $10,000

SPENCER MUSEUM OF ART  
General operating support  
Grant amount: $10,000

THE KANSAS ALLIANCE FOR THE ARTS IN EDUCATION  
General operating support  
Grant amount: $40,000

UMKC CONSERVATORY OF MUSIC AND DANCE  
Musical Bridges  
Grant amount: $20,000

UNICORN THEATRE  
General operating support  
Grant amount: $10,000

SMALL ARTS GRANTS FUND  
arts & culture organizations

ART AS MENTORSHIP  
Mattie Rhodes Center  
Program/Initiative  
Grant amount: $7,500

ARTS & AGEING KC  
General operating support  
Grant amount: $8,500

ARTS IN PRISON  
General operating support  
Grant amount: $7,500

BACH ARIA SOLOISTS  
General operating support  
Grant amount: $3,750

CHAMELEON  
General operating support  
Grant amount: $5,000

CITY IN MOTION DANCE THEATER  
General operating support  
Grant amount: $4,000

ENSEMBLE IBERICA, INC  
General operating support  
Grant amount: $6,000

FUTURE JAZZ, INC.  
General operating support  
Grant amount: $5,000

GUILDIT  
Fractured Atlas  
Artist forums  
Grant amount: $3,500

HARMONY PROJECT  
Northeast Community Center  
Program/Initiative  
Grant amount: $8,500

INTERURBAN ART HOUSE  
General operating support  
Grant amount: $8,500

KACIO DANCE  
General operating support  
Grant amount: $3,000

KANSAS CITY ACADEMY OF THEATRICAL ARTS, INC.  
General operating support  
Grant amount: $2,000

KANSAS CITY ARTISTS COALITION  
General operating support  
Grant amount: $6,000

KANSAS CITY BOYS CHOIR  
General operating support  
Grant amount: $7,500

KANSAS CITY JAZZ ALIVE  
General operating support  
Grant amount: $7,500

KANSAS CITY VOLUNTEER LAWYERS & ACCOUNTANTS FOR THE ARTS  
General operating support  
Grant amount: $5,000

KC CLAY GUILD  
General operating support  
Grant amount: $5,100

KC CREATES, INC.  
General operating support  
Grant amount: $6,000

KC MELTING POT THEATRE  
General operating support  
Grant amount: $7,500

KC METROPOLIS  
General operating support  
Grant amount: $5,000

MID-AMERICA FREEDOM BAND  
General operating support  
Grant amount: $4,000

MUSIC THEATRE FOR YOUNG PEOPLE OF KANSAS CITY  
General operating support  
Grant amount: $2,000

OWEN/COX DANCE GROUP  
General operating support  
Grant amount: $7,500
# Arts & Culture Grants List

<table>
<thead>
<tr>
<th>Organization</th>
<th>Program/Initiative</th>
<th>Grant amount</th>
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<tbody>
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<td>Plug Projects</td>
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<td>Reel Images Film and Video Group</td>
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<td>Spinning Tree Theatre</td>
<td>Program/Initiative</td>
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<td>Spire Chamber Ensemble</td>
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<tr>
<td>The Living Room Collective</td>
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<td>The Writers Place</td>
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<td>Theatrical for Young America</td>
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<td>Traditional Music Society</td>
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<td>Wonderscope Children’s Museum of Kansas City</td>
<td>Wonder Art</td>
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<tr>
<td>Youth Symphony of Kansas City</td>
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<td>非艺术及组织项目</td>
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<td>Center School District</td>
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<td>Community Housing of Wyandotte County</td>
<td>Program/Initiative</td>
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<td>Crossroads Academy of Kansas City</td>
<td>K-8 fine arts program</td>
<td>$5,000</td>
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<tr>
<td>Kansas City Kansas Public Schools USD 500</td>
<td>Enhanced arts education &amp; community development</td>
<td>$8,500</td>
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<td>Literacy Kansas City</td>
<td>Writers for Readers</td>
<td>$5,000</td>
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<td>Niles Home for Children</td>
<td>Learning lab: art &amp; music therapy</td>
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<td>Synergy Services</td>
<td>Program/Initiative</td>
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<td>The Whole Person</td>
<td>Expression Art Series</td>
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<td>United Inner-City Services</td>
<td>Program/Initiative</td>
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<tr>
<td>Capital Campaigns</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
LIFELONG LEARNING
LIFELONG LEARNING

Francis Family Foundation funding encourages lifelong learning for people of all ages and socioeconomic backgrounds through innovative, diverse, creative and research-proven ways of learning.

DESIRED RESULTS

Well-rounded children and youth who are creative, flexible, globally competitive, adaptive to a culture of innovation and diversity, passionate about learning, and able to problem solve, in groups and individually, so they can thrive in the 21st Century.

MEASUREMENT

- Children entering kindergarten school ready
- Children prepared to read on grade level in third grade
- Children and youth actively engaged in achieving high academic standards

OVERALL GRANTMAKING STRATEGY 2017

Invest in innovative organizations and attract, develop and retain the best teachers, leaders, staff and other people who provide and advocate for a continuum of:

- Quality during a child’s earliest learning experiences
- Access to excellence in K-12th grade, especially in the urban core of Kansas City
- The family’s role as first teachers in early literacy

A total of $890,000 was awarded to other organizations supporting the lifelong learning focus. (KCPT also received $50,000 in Arts & Culture funds, which is not included in Lifelong Learning.)

Evolving direction – Our focus on affecting policy through advocacy efforts is growing. Foundation resources are limited and supporting direct services can only reach a very limited number of children. As a result, increasing amounts of Foundation lifelong learning funds are focused on advocacy. The Alliance for Childhood Education (ACE), Kansas Action for Children and the Missouri Budget Project were awarded grants in support of their advocacy efforts.

Quality teaching – Kids reading on grade level by 3rd grade is critical for their future success in school and beyond. The Foundation continues to support efforts to improve the quality of teaching in both early learning centers and K-3rd grade throughout the metro area. Key to this work is the professional development activities of the Francis Institute for Child & Youth Development, the Early Education Funders Collaborative and PREP-KC. All were recipients of continued support from the Foundation in 2017. The Foundation expects these efforts to lay the groundwork for children’s success in school, an important benchmark for the community.

THE FAMILY CONSERVANCY

GENERAL OPERATING SUPPORT

GRANT AMOUNT: $50,000

In addition to professional development to improve the early education system in the region, The Family Conservancy (TFC) is involved in many direct service programs with proven outcomes for children. TFC has been one of several Head Start Delegate agencies in Missouri, under Mid-America Head Start (through MARC) for more than a decade, serving Jackson, Platte and Clay counties. TFC monitors and provides technical assistance to community child care sites with Head Start, such as Operation Breakthrough. In addition to general oversight, TFC provides nutrition education, literacy tools and mental health consultation. TFC is a member agency of Child Care Aware of Eastern Kansas & Western Missouri which fosters collaboration with the statewide call centers to guide families in finding and assessing child care options. Child Care Aware contracts with TFC to provide training and technical assistance for early education support as needed. The Family Conservancy has a history of integrating programs in the community after pilot funds have ended.

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LIFELONG LEARNING GRANTS LIST

ALLIANCE FOR CHILDHOOD EDUCATION (ACE)
General operating support
Grant amount: $100,000

EARLY EDUCATION GRANT FUND
Early Education Funders Collaborative pooled grant fund
Grant amount: $500,000
Awarded: $1.5M in 2015

FRANCIS INSTITUTE FOR CHILD AND YOUTH DEVELOPMENT
(Foundation of Metropolitan Colleges)
Program/Initiative
Francis Institute for Child and Youth Development (Francis Resource Center and FICYD Director)
Grant amount: $250,000

KANSAS ACTION FOR CHILDREN, INC.
Advocacy
General operating support
Grant amount: $50,000

KCPT - PUBLIC TELEVISION 19, INC.
(Kansas City Public Television)
Direct Service
Program/Initiative: Story Works, KC
Grant amount: $15,000

MISSOURI BUDGET PROJECT
Advocacy
General operating support
Grant Amount: $25,000

PARTNERSHIP FOR REGIONAL EDUCATIONAL PREPARATION-KANSAS CITY (PREP-KC)
Professional Development
General operating support
Grant amount: $150,000

THE FAMILY CONSERVANCY
Professional Development
General operating support
Grant amount: $50,000
FUNDING PULMONARY RESEARCH IN NORTH AMERICA
Francis Family Foundation funding enables breakthrough solutions in pulmonary medicine leading to the development of enhanced treatments and cures for pulmonary diseases.

**Desired Results**
New scientists who serve patients with lung diseases through innovative research are supported at a key transition point in their career.

**Measurement**
Increase number of researchers entering and remaining in the pulmonary research field.

**Overall Grantmaking Strategy**
Attract, develop and retain the best researchers in the field of pulmonary research through the Parker B. Francis (PBF) Pulmonary Research Fellows Program.

The Foundation created the Parker B. Francis Fellowship Program, a national postdoctoral study in pulmonary research, in 1975. Since then, the Foundation has contributed approximately $70 million in support of nearly 900 Fellows. For more information, visit www.francisfellowships.org.

**2017 Pulmonary Research Grant Highlights**

**2018 PBF Fellow**
Laurie C. Eldredge, M.D., Ph.D.  
**Mentor:** Steven F. Ziegler, Ph.D.  
**Institution:** Seattle Children’s Hospital

The role of IL-33 in hyperoxia-induced neonatal lung injury and bronchopulmonary dysplasia  
Bronchopulmonary dysplasia (BPD) is a chronic lung disease that affects more than 10,000 premature infants per year in the United States. Infants with severe BPD have prolonged and repeated hospitalizations with respiratory illnesses. Factors causing BPD are poorly understood, and we have no evidence-based treatments for these fragile patients. Oxygen is a required therapy, but also causes inflammatory lung injury. This proposal examines how the inflammatory protein IL-33 is released from oxygen-exposed lungs to influence immune cells such as macrophages. We will explore this pathway using a mouse model of BPD, where we will isolate the functions of IL-33 and a downstream factor amphiregulin. We will then extend these studies to airway samples from infants with BPD. Results may inform development of immune-related therapies for BPD.

“This fellowship certainly launched my career in academic medicine. It facilitated scientific focus with protected time and gave me opportunities to enhance my scientific creativity. It enabled me to get my first RO1, improved my ability to network and provided important leadership opportunities.”

Jessy Deshane, Ph.D.  
Associate Scientist, University of Alabama at Birmingham  
(PBF Fellow, Class of 2013)
HARVARD MEDICAL SCHOOL
PROFESSIONAL DEVELOPMENT
JO RAE WRIGHT AWARD FOR EXCELLENCE IN SCIENCE
GRANT AMOUNT: $5,000

In 2012, we lost a great researcher, mentor and friend. Jo Rae Wright, Ph.D. was a creative and tireless educator who was a role model for researchers, educators, and women in science. She will be greatly missed. To honor her spirit, the Foundation established the Jo Rae Wright Award for Excellence in Science given to the top graduating fellow who best exemplifies the values of Dr. Wright. The award celebrates excellence in science and is given to the research home of the fellow for lab supplies to further support their research.

In 2017, the Jo Rae Wright Award for Excellence in Science was awarded to Molly F. Franke, ScD. In her role as an epidemiologist and assistant professor in Global Health and Social Medicine at Harvard Medical School, Dr. Franke’s work focuses on applying robust epidemiologic methods to intractable conditions disproportionately affecting vulnerable populations in diverse settings around the world. Her current pulmonary research focuses on improving diagnostic methods and reducing treatment delays for pediatric tuberculosis and assessing the effectiveness and safety of drugs for multidrug resistant tuberculosis in the endTB study.

UNIVERSITY OF KANSAS MEDICAL CENTER
THE PARKER B. FRANCIS SUMMER FELLOWSHIP PROGRAM
DR. NAVNEET DHILLON, MENTOR
GRANT AMOUNT: $31,000
AWARDED: $190,000 IN 2012

The PBF Summer Fellowship Program provides valuable and unique medical research opportunities for Kansas City area undergraduate students pursuing careers in medicine and medical research. Since 2012, promising full-time graduate students are matched with faculty mentors at the University of Kansas Medical Center for 8-10 weeks of intensive research. Summer Fellows receive a weekly stipend and are mentored by Navneet Dhillon, PhD, Professor in the Department of Medicine and a former PBF Fellow. In addition to their research and bio-weekly meetings with Dr. Dhillon, they participate in eight, one-hour training sessions with medical students on a variety of topics. At summer’s end, each student presents their research work at a special PBF Research Presentation Day. In 2017, six Summer Fellows successfully completed the program.
In addition, PBF applicants who receive a fundable priority score but relinquish the PBF Fellowship due to receipt of other funding, are given a $5,000 Research Opportunity Award. There were seven ROAs awarded in 2017.

Lauren E. Ferrante, MD, MHS
Yale University
Grant amount: $5,000

Brian D. Hobbs, MD, MPH
Brigham & Women’s Hospital
Grant amount: $5,000

Farbod N. Rahaghi, MD, PhD
Brigham & Women’s Hospital
Grant amount: $5,000

Shaon Sengupta, MD, MPH
Children’s Hospital of Philadelphia
Grant amount: $5,000

Brian D. Southern, MD
Lerner Research Institute
Grant amount: $5,000

Karthik Suresh, MD
Johns Hopkins University
Grant amount: $5,000

Susan K. Mathai, MD
University of Colorado at Denver
Grant amount: $5,000
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<tr>
<th>Institution</th>
<th>Project Name</th>
<th>Mentors</th>
<th>Fellowship Holders</th>
<th>Grant Amount</th>
<th>Awarded Year</th>
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<td>Baylor College of Medicine</td>
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<td>Dr. Ray Russell, Fellow</td>
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<td>Bedford VA Research Group</td>
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<td>Dr. A. Rani Elwy, Mentor</td>
<td>Dr. Seppo T. Rinne, Fellow</td>
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<tr>
<td>Brigham and Women’s Hospital</td>
<td>Professional Development</td>
<td>Dr. Caroline Ann Owen, Mentor</td>
<td>Dr. Francesca Polverino, Fellow</td>
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<tr>
<td>Children’s Hospital of Philadelphia</td>
<td>Mapping the developmental, genetic and functional organization of respiratory neural circuits</td>
<td>Dr. Ronald C. Rubenstein, Mentor</td>
<td>Dr. Christopher Cielo, Fellow</td>
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<tr>
<td>Children’s Hospital of Philadelphia</td>
<td>WNT-responsive progenitor cells in alveolar development, repair and regeneration</td>
<td>Dr. Edward Morrisey, Mentor</td>
<td>Dr. David Frank, Fellow</td>
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<tr>
<td>Children’s Hospital of Philadelphia</td>
<td>The long non-coding RNA Fanci (Falcor) in lung development &amp; differentiation</td>
<td>Dr. Jeffrey A. Whitsett, Mentor</td>
<td>Dr. Daniel Swarr, Fellow</td>
<td>$54,000</td>
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<tr>
<td>Cincinnati Children’s Hospital Medical Center</td>
<td>Pathogenesis of Severe Aspirin-Sensitive Asthma with Nasal Polyposis</td>
<td>Dr. Robert Schleimer, Mentor</td>
<td>Dr. Whitney Stevens, Fellow</td>
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<tr>
<td>Massachusetts General Hospital</td>
<td>One-time Gene Therapy to Prevent Peanut-induced Anaphylaxis</td>
<td>Dr. Ronald Crystal, Mentor</td>
<td>Dr. Odelya Pagovich, Fellow</td>
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<tr>
<td>Massachusetts General Hospital</td>
<td>The Distinct Function and Control of Regulatory T-cell Subsets During Influenza</td>
<td>Dr. Andrew Luster, Mentor</td>
<td>Dr. Jason, Griffith, Fellow</td>
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<tr>
<td>Massachusetts General Hospital</td>
<td>Regenerative potential of airway stem cells in engineering lungs for transplant</td>
<td>Dr. Harold C. Ott, Mentor</td>
<td>Dr. Sarah E. Gilpin, Fellow</td>
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<tr>
<td>Massachusetts General Hospital</td>
<td>Novel imaging and biomarker measures of injury to assess IPF disease activity</td>
<td>Dr. Andrew M. Tager, Mentor</td>
<td>Dr. Sydney B. Montesi, Fellow</td>
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<tr>
<td>Northwestern University</td>
<td>Pathogenesis of Severe Aspirin-Sensitive Asthma with Nasal Polyposis</td>
<td>Dr. Robert Schleimer, Mentor</td>
<td>Dr. Whitney Stevens, Fellow</td>
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</table>
PULMONARY RESEARCH GRANTS LIST

NORTHWESTERN UNIVERSITY
Professional Development
Dr. Robert Schumacker, Mentor
Dr. Kimberly Smith, Fellow
PROJECT: ROS and HIF-1a in right ventricular hypertension in pulmonary hypertension
Grant amount: $52,000
Awarded: $156,000 in 2016

STANFORD UNIVERSITY
Professional Development
Dr. Mark A. Krasnow, Mentor
Dr. Peng Li, Fellow
PROJECT: Functional dissection of a sigh integration center
Grant amount: $50,000
Awarded: $156,000 in 2017

STANFORD UNIVERSITY
Professional Development
Dr. Mark R. Nicholls, Mentor
Dr. Ke Yuan, Fellow
PROJECT: Lung pericytes: a novel source of pathogenic smooth muscle cells in PAH
Grant amount: $50,000
Awarded: $156,000 in 2017

UNIVERSITY OF BRITISH COLUMBIA
Professional Development
Dr. Don D. Sin, Mentor
Dr. Ma’en Obeidat, Mentor
PROJECT: Integrative genomics to identify novel therapeutics and biomarkers for COPD
Grant amount: $50,000
Awarded: $156,000 in 2017

UNIVERSITY OF CALIFORNIA SAN FRANCISCO
Professional Development
Dr. Esteban Burchard, Mentor
Dr. Neeta Thakur, Fellow
PROJECT: Social Adversity and Asthma: A new phenotype?
Grant amount: $54,000
Awarded: $156,000 in 2015

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Professional Development
Dr. Adithya Cattamanchi, Mentor
Dr. Priya Shete, Fellow
PROJECT: From poverty to cure: overcoming socioeconomic barriers to tuberculosis care
Grant amount: $50,000
Awarded: $156,000 in 2017

UNIVERSITY OF CALIFORNIA SAN FRANCISCO
Professional Development
Dr. John Fahy, Mentor
Dr. Michael Peters, Fellow
PROJECT: Role of type-2 cytokines and IL-6 in severe asthma
Grant amount: $54,000
Awarded: $156,000 in 2015

PENN STATE UNIVERSITY COLLEGE OF MEDICINE
Professional Development
Dr. Michael Green, Mentor
Dr. Lauren Van Scoy, Fellow
PROJECT: Evaluating the impact of a conversation game on advance care planning activities
Grant amount: $54,000
Awarded: $156,000 in 2015

SEATTLE BIOMEDICAL RESEARCH INSTITUTE
Professional Development
Dr. Kevin B. Urdahl, Mentor
Dr. Courtney R. Plumlee, Fellow
PROJECT: A new mouse model of tuberculosis using a physiologic infectious dose
Grant amount: $50,000
Awarded: $156,000 in 2017

SEATTLE CHILDRENS HOSPITAL
Professional Development
Dr. Thomas Wight, Mentor
Dr. Stephen Reeves, Fellow
PROJECT: Airway epithelial cell regulation of extracellular matrix in asthmatic airway inflammation
Grant amount: $28,270
Awarded: $156,000 in 2015

UNIVERSITY OF ALABAMA AT BIRMINGHAM
Professional Development
Dr. Brent Carter, Mentor
Dr. Jennifer Casey, Fellow
PROJECT: Cigarette smoke impairs innate immunity in alveolar macrophages
Grant amount: $50,000
Awarded: $156,000 in 2017

UNIVERSITY OF ALABAMA AT BIRMINGHAM
Professional Development
Dr. Victor Thannickal, Mentor
Dr. Merry-Lynn McDonald, Fellow
PROJECT: Network Medicine Approaches to Cachexia in COPD
Grant amount: $114,236
Awarded: $156,000 in 2015
## Pulmonary Research Grants List

<table>
<thead>
<tr>
<th>University</th>
<th>Professional Development</th>
<th>Mentor 1</th>
<th>Mentor 2</th>
<th>Project Title</th>
<th>Grant amount 1</th>
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<tbody>
<tr>
<td>UNIVERSITY OF CHICAGO</td>
<td>Professional Development</td>
<td>Dr. Gokhan Mutlu, Mentor</td>
<td>Dr. Bhakti Patel, Fellow</td>
<td>Project: Impact of Early Mobilization on Insulin Resistance and ICU Acquired Weakness</td>
<td>$52,000</td>
<td>$156,000 in 2016</td>
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<td>UNIVERSITY OF CINCINNATI</td>
<td>Professional Development</td>
<td>Dr. Bruce Trapnell, Mentor</td>
<td>Dr. Kristin M. Hudock, Fellow</td>
<td>Project: Uncovering Mechanisms of Lung Injury in CF using iPSC-Derived</td>
<td>$27,000</td>
<td>$156,000 in 2015</td>
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<td>UNIVERSITY OF COLORADO DENVER</td>
<td>Professional Development</td>
<td>Dr. Gregory P. Downey, Mentor</td>
<td>Dr. Yael Ascher, Fellow</td>
<td>Project: Mechanisms of fibroproliferative ARDS</td>
<td>$50,000</td>
<td>$156,000 in 2017</td>
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<tr>
<td>UNIVERSITY OF COLORADO DENVER</td>
<td>Professional Development</td>
<td>Dr. Rubin M. Tuder, Mentor</td>
<td>Dr. Christine Vohwinkel, Fellow</td>
<td>Project: Alveolar epithelial carbohydrate metabolism during acute lung injury</td>
<td>$52,000</td>
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<td>UNIVERSITY OF MARYLAND COLLEGE PARK</td>
<td>Professional Development</td>
<td>Dr. Jonathan D. Dinman, Mentor</td>
<td>Dr. Margaret A. Scull, Fellow</td>
<td>Project: Dissection of the airway epithelial antiviral response in 3D</td>
<td>$52,000</td>
<td>$156,000</td>
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<td>UNIVERSITY OF IOWA</td>
<td>Professional Development</td>
<td>Dr. Joseph Zabner, Mentor</td>
<td>Dr. Alejandro A. Pezzulo Colmenares, Mentor</td>
<td>Grant amount: $50,000</td>
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<tr>
<td>Project: Impact of Early Mobilization on Insulin Resistance and ICU Acquired Weakness</td>
<td>Awarded: $156,000 in 2017</td>
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<td>UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL</td>
<td>Professional Development</td>
<td>Dr. Claire Doeschuk, Mentor</td>
<td>Dr. Jason Mock, Fellow</td>
<td>Project: Regulatory T Cells Promote Alveolar Epithelial Repair</td>
<td>$54,000</td>
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<td>UNIVERSITY OF PENNSYLVANIA</td>
<td>Professional Development</td>
<td>Dr. George S. Worthen, Mentor</td>
<td>Dr. Andrew J. Paris, Fellow</td>
<td>Project: Neutrophil-derived oncostatin M promotes alveolar epithelial repair</td>
<td>$50,000</td>
<td>$156,000 in 2017</td>
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<tr>
<td>UNIVERSITY OF PITTSBURGH</td>
<td>Professional Development</td>
<td>Dr. John Alcorn, Mentor</td>
<td>Dr. Michelle Manni, Fellow</td>
<td>Project: The Role of IL-22Ra2 in Allergic Airway Disease</td>
<td>$52,000</td>
<td>$156,000 in 2016</td>
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<td>UNIVERSITY OF PITTSBURGH</td>
<td>Professional Development</td>
<td>Dr. Mark T. Gladwin, Mentor</td>
<td>Dr. Jason J. Rose, Fellow</td>
<td>Project: Developing an antidotal therapy for carbon monoxide poisoning</td>
<td>$50,000</td>
<td>$156,000 in 2017</td>
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<td>STANFORD UNIVERSITY</td>
<td>Professional Development</td>
<td>Dr. George Worthen, Mentor</td>
<td>Dr. Andrew Paris, Fellow</td>
<td>Project: Neutrophil-derived oncostatin M promotes alveolar epithelial repair</td>
<td>$50,000</td>
<td>$156,000 in 2017</td>
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<td>VANDERBILT UNIVERSITY (MEDICAL CENTER)</td>
<td>Professional Development</td>
<td>Dr. Timothy Blackwell, Mentor</td>
<td>Dr. Jonathan Kropski, Fellow</td>
<td>Project: Regulator of telomere elongation helicase (RTEL1) in pulmonary fibrosis</td>
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<td>VANDERBILT UNIVERSITY (MEDICAL CENTER)</td>
<td>Professional Development</td>
<td>Dr. Tina V. Hartert, Mentor</td>
<td>Dr. Christian Rosas-Salazar, Fellow</td>
<td>Project: Infant RSV infection, the airway microbiome, and childhood respiratory outcomes</td>
<td>$50,000</td>
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<td>VANDERBILT UNIVERSITY (MEDICAL CENTER)</td>
<td>Professional Development</td>
<td>Dr. Lorraine Ware, Mentor</td>
<td>Dr. Ciara Shaver, Fellow</td>
<td>Project: Cell-free hemoglobin, heme, and macrophage-mediated lung inflammation in ARDS</td>
<td>$52,000</td>
<td>$156,000 in 2016</td>
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<td>YALE UNIVERSITY</td>
<td>Professional Development</td>
<td>Dr. Richard Bucala, Mentor</td>
<td>Dr. Maar Sauer, Fellow</td>
<td>Project: MIF-CD74 Signaling Mitigates DNA Damage in COPD</td>
<td>$49,382</td>
<td>$156,000 in 2015</td>
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*Note: Awarded amounts are subject to change. Review grant availability for the most accurate information.*
MISSION

The Francis Family Foundation is dedicated to enhancing the quality of life for individuals, families and communities with particular commitment to the greater Kansas City metropolitan area. Through the vision, history, interests and values of the Francis Family, we strive to accomplish effective and innovative grantmaking in three main areas: Pulmonary Research, Lifelong Learning and Arts & Culture.

To achieve our mission, we will

• implement best research and best practices;
• focus on community-based initiatives and collaborations;
• support programs that address unmet community needs; and,
• practice focused, proactive grantmaking

VALUES

ACCESSIBILITY, DIVERSITY AND INCLUSIVENESS
Everyone in our communities should have the opportunity to participate fully in educational, cultural and social activities. We seek ways to improve access to these activities for individuals and families of all ages, religions, races, ethnicities, financial abilities and physical and mental abilities. We believe in the rich diversity of the greater Kansas City area and promote inclusiveness in our grant making activities. We seek to celebrate common experiences and concerns through the investments we make.

COLLABORATION
We encourage and model collaboration among funders and community organizations.

COMMUNITY
We embrace and promote a strong sense of community and seek opportunities with great potential for strengthening community life and the urban fabric.

EXCELLENCE
We are committed to standards of excellence in the results of our grant making.

INNOVATION & CREATIVITY
We value the creative process among people of all ages and backgrounds, and we encourage excellence and innovation in our grant making activities.

INTEGRITY & SUSTAINABILITY
We maintain and promote fiscal and program integrity in our operations and grant making activities to ensure the sustainability of organizations that enrich community life.

PASSION FOR LEARNING
We promote a lifelong passion for learning as a key factor in developing active, well-rounded and contributing individuals in our communities.

PLANNING & EVALUATION
We believe in planning and evaluation as critical methods to assess the effectiveness of our grant making so we can make a difference.