Message From the Chair

The ARTrust™ has accomplished a great deal this past year and I thank you. Without your individual contributions, it would not be possible to sustain our mission of supporting the training of physicians and research in our specialty to advance optimal care. We supported a number of grants this year and plan to do more in the coming year.

The ARTrust Steering Committee has worked, along with staff, to grow the culture of engagement and giving to the ARTrust. Investments this past year exceeded our expectations and the total corpus is now $11,710,355. We are excited to report three additional ARTrust: Investing Together in our Future Lectureships: Dr. William and Judith H. Busse, Phil and Barbara Lieberman, and William T. Shearer and Lynn Des Prez. These lectureships acknowledge and celebrate recent gifts with a total lifetime collaborative contribution of over $100,000. The Lieberman lectureship is the first of $250,000 and will be presented for 10 years. We are grateful for the example of these three families and thank all of their friends that helped in this effort. Proudly, they join the families and friends of Donald Y. M. Leung, MD PhD FAAAAI, Richard F. Lockey, MD FAAAAI, and Anjuli Seth Nayak, MD FAAAAI who are also celebrated with these lectures. Please personally thank them for setting the standard.

The result of your investments is that the ARTrust supported 13 awards in 2013, including one new Faculty Development Award, the first Hope APFED/ARTrust™ Pilot Grant Award, one ongoing Gail Shapiro Clinical Faculty Award, two ongoing Faculty Development Awards, and eight new “Mini” grants in 2013. The ARTrust Steering Committee is enthusiastic about growing partnership opportunities to enhance our research support. We are proud to report that the ARTrust has provided over $5 million since 1993 to support research and education in our specialty.

I thank all of you, our friends in industry, the ARTrust Steering Committee and our staff for making $5 million in grants possible. We should be proud but recognize there is much to do. Investing Together in Our Future is a way for you to show personal commitment to advancing optimal patient care, not just for now but for years to come. The ARTrust is committed to building a corpus of sufficient size to support research and education in allergy and immunology in perpetuity. Please join this effort and increase your current investment or make your first commitment to improve the care of the patients we serve. Our success requires YOU.

Sincerely,

Dennis K. Ledford, MD FAAAAI
Chair, ARTrust Steering Committee

Since the inception of the ARTrust/ERT in 1993 through 2013, we have granted 85 awards totaling more than $5.19 million:

<table>
<thead>
<tr>
<th>Category</th>
<th>Grants</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allied Health</td>
<td>15</td>
<td>$29,100</td>
</tr>
<tr>
<td>Clinical Research</td>
<td>11</td>
<td>$95,073</td>
</tr>
<tr>
<td>Collaborative Programs</td>
<td>8</td>
<td>$1,150,000</td>
</tr>
<tr>
<td>Faculty</td>
<td>29</td>
<td>$3,722,500</td>
</tr>
<tr>
<td>Fellows-in-Training (FIT)</td>
<td>8</td>
<td>$89,000</td>
</tr>
<tr>
<td>One-Time Outreach</td>
<td>14</td>
<td>$107,500</td>
</tr>
</tbody>
</table>

2013 ARTrust Steering Committee

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Thomas B. Casale, MD FAAAAI
Joseph A. Diaz, MD FAAAAI
Paul A. Greenberger, MD FAAAAI
Louis M. Mendelson, MD FAAAAI
James M. Tracy, DO FAAAAI

Mission

The Allergy, Asthma & Immunology Education and Research Organization, Inc. (ARTrust™) finds treatments and cures for the millions of people suffering from allergies, asthma and other immunologic diseases by supporting education and research.
2013 ARTrust New Award Recipients

2013 ARTrust Faculty Development Award
$300,000 Award Over Three Years
Patricia C. Fulkerson, MD PhD
Cincinnati Children’s Hospital
Medical Center
Project: Regulation of Eosinophil Progenitors by Toll-Like Receptors

2013 ARTrust Mini Grant Recipients

Mark C. Glaum, MD PhD FAAAAI
University of South Florida and James A. Haley Veterans’ Hospital
Project: Molecular Quantification of Tree Pollen by qPCR
$12,000

Artemio M. Jongco III, MD PhD MPH
Feinstein Institute for Medical Research
Project: Exploring Neutrophil Dysfunction in X-Linked Agammaglobulinemia
$10,000

Joshua L. Kennedy, MD
University of Virginia
Project: PMN-Derived Protease Metabolism of IL-33 in Response to Rhinovirus Amplifies Allergic Inflammation
$10,000

Miguel J. Lanz, MD FAAAAI
AAADRS Allergy and Asthma Clinical Research Center
Project: The Use of Nebulized Budesonide in Eosinophilic Esophagitis to Reveal Reduction of Exhaled Nitric Oxide and Eosinophil Counts in Esophageal Biopsies
$15,000

Sarah K. Nicholas, MD
Baylor College of Medicine/Texas Children’s Hospital
Project: Adoptive Transfer of Anti-Viral Cytotoxic T Lymphocytes to Improve Outcomes in Primary Immunodeficiency Patients with T and NK Cell Defects
$12,000

Sharmilee M. Nyenhuis, MD FAAAAI
University of Illinois at Chicago
Project: Polyunsaturated Lysophosphatidic Acid As a Potential Asthma Biomarker in Exhale Breath Condensates
$12,000

Kirk H. Waibel, MD FAAAAI
San Antonio Military Medical Center
Project: Immunological and Clinical Assessment of Cluster Immunotherapy During Allergen Immunotherapy Refill Dosing
$1,000

Emily C. Weiler
University of Montana
Project: Investigation of Dust Mites in Indoor Residential Environments in the Northern Rocky Mountains
$6,100

Supporting the A/I Specialty

In 2013, the ARTrust continued its mission of increasing funding and support for allergy/immunology education, research and training through awarding eight new Mini grants. Minis are small seed grants provided to fund projects that advance the knowledge and/or treatment of allergy, asthma and immunology for clinical or research projects, new educational initiatives for professional and public audiences, other research including equipment needs, supplemental funding, and FIT projects. The creation of the Minis allows the ARTrust to expand its reach even further.

The 2015 award application process opens early July and closes September 15, 2014. Check the Grants and Awards section of the website at aaaaai.org/artrustgrants for more information.
ARTrust
Awards 1993–2013

2013 ARTrust Ongoing Award Commitments

2012 ARTrust Faculty Development Award
$150,000 Award Over Three Years
Patrick J. Brennan, MD PhD;
Brigham & Women’s Hospital;
Project: Dietary Lipids Alter the Immune System by Activating NKT Cells

2011 ARTrust Faculty Development Award
$300,000 Award Over Three Years
Pamela A. Frischmeyer-Guerrero, MD PhD; Johns
Hopkins School of Hygiene and Public Health;
Project: Role of Transforming Growth Factor Beta in Allergic Disease

2010 ARTrust Gail G. Shapiro Clinical Faculty Award
$150,000 Award Over Three Years
Caroline C. Horner, MD FAAAAI; Washington University School of Medicine;
Project: The Investigation of Stress as an Antecedent of Nocturnal Asthma Symptoms in Children

2013 Gifts and Awards

The ARTrust is grateful for contributions received throughout the year. The generous financial support of our donors is helping advance allergy, asthma and immunology patient care through medical expertise and scientific discovery. Each gift makes a difference.

Income

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Benefit</td>
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<tr>
<td>5K Run/Walk</td>
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<tr>
<td>Donations</td>
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<td>Investment Earnings/Unrealized Loss</td>
<td>$1,583,361</td>
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<td><strong>Total Net Income</strong></td>
<td><strong>$2,344,841</strong></td>
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Expense

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<tr>
<td>Fundraising Costs (includes Benefit)</td>
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<td><strong>Total Expense</strong></td>
<td><strong>$243,643</strong></td>
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Awards Granted

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<th>Category</th>
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<td>Faculty Development</td>
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<tr>
<td>Gail Shapiro Clinical</td>
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<tr>
<td>Faculty</td>
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<tr>
<td>Mini Grants</td>
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<td><strong>Total Grants</strong></td>
<td><strong>$281,550</strong></td>
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ARTrust value as of December 31, 2013: $11,710,355
2013 Contributions

$5,000 to $9,999
Steve and Nancy Carell

$25,000 to $49,999
Dr. William W. Busse and Mrs. Judith Busse
Joseph D. Diaz, MD
Teva Respiratory

$10,000 to $24,999
Allergy, Asthma & Immunology Associates of South Texas, PA
AstraZeneca
Suzanne Adams Beck, MD

$5,000 to $9,999
Daniel Adams
Allergy and Asthma Research Center, PA
Andrew J. Apter, MD PhD
Melvin Berger, MD PhD
Andrea J. Apter, MD MA MSc

$1,000 to $2,499
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