The mission of the Rheumatology Research Foundation is advancing research and training to improve the health of people with rheumatic diseases. The Foundation is the largest private funding source of rheumatology training and research programs in the United States. From July 2014 through June 2015, the Foundation will commit more than $13 million through an extensive grants portfolio to fund essential training and research for medical students and residents exploring rheumatology, young investigators with novel research ideas, rheumatology health professionals and rheumatology career-investigators exploring innovative studies, all of which are listed on the following pages. These individuals have demonstrated that they are the brightest minds in the field dedicated to groundbreaking research that advances patient care and accelerates discoveries.

We would like to extend our sincerest congratulations to the award recipients. We believe they will continue to move the field toward a brighter future. Together we can advance treatment and find cures.

DAVID R. KARP, MD, PHD
PRESIDENT, RHEUMATOLOGY RESEARCH FOUNDATION
CHIEF, RHEUMATIC DISEASES DIVISION
UT SOUTHWESTERN MEDICAL CENTER

ANNE DAVIDSON, MBBS, FRACP
CHAIR, RHEUMATOLOGY RESEARCH FOUNDATION
SCIENTIFIC ADVISORY COUNCIL
INVESTIGATOR, FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH
PROFESSOR OF MOLECULAR MEDICINE
HOFSTRA NORTH SHORE-LIJ SCHOOL OF MEDICINE

The Rheumatology Research Foundation is a highly effective medical research organization with remarkable efficiency in directing donor dollars to its mission, which has earned the Foundation a 4-star rating from Charity Navigator, America’s largest independent evaluator of charities, and the GuideStar Exchange Gold participant level.
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ANNUAL MEETING AWARD RECIPIENTS

Annual Meeting Awards recognize scholarship in the field of rheumatology and provide medical and graduate students, residents and fellows an opportunity to attend the ACR/ARHP Annual Meeting.

MEMORIAL LECTURESHIPS

Endowed lectureships support rheumatology research and honor the lives of four outstanding physicians.

Edmund L. Dubois, MD Memorial Lectureship
Presented by: Carolina Landolt-Marticorena, MD, PhD

Oscar S. Gluck, MD Memorial Lectureship
Presented by: Roland Baron, DDS, PhD

Paul Klemperer, MD Memorial Lectureship
Presented by: Lars Klareskog, MD, PhD

Memorial Lectureship, In Honor of Dr. Stephen E. Malawista
Presented by: Robert Terkeltaub, MD
STUDENT AND RESIDENT ACR/ARHP ANNUAL MEETING SCHOLARSHIP

The purpose of the Student & Resident ACR/ARHP Annual Meeting Scholarship is to introduce students and residents in areas of the United States underserved by rheumatologists and rheumatology health professionals to the specialty of rheumatology and rheumatology-related health care in order to better serve patients with rheumatic diseases.

Hamayon Babary, MD
University Of Nevada School Of Medicine, Las Vegas

Amanda Backs
Creighton University School of Medicine

Luke Barre MD, BSc
Roger Williams Medical Center

Varun Bhalla MSIV
University of Arizona

Angela Marie Christensen, MD
Tulane Medical Center

Brian Coburn
University of Nebraska Medical Center

Molly Higgins
Medical University of South Carolina

Hannah Elizabeth Howard, BS
University of Oklahoma School of Community Medicine

Lisa Hunt, MD
Medical University of South Carolina

Matthew Husband
Medical University of South Carolina

Gagandeep Kaur, MD
University Of Nevada School Of Medicine, Las Vegas

Aneet Kaur, MBBS
University of Arkansas for Medical Sciences

Samara M Khaliq, MD
Louisiana State University Health Science Center

Kerry M. Leehan, MS
University of Oklahoma Health Sciences Center

Marci Macaraeg
University of Arizona College of Medicine

Jacob Mathew Jr., DO
Tripler Army Medical Center

Nadine N. Mbuyi
Roger Williams Medical Center, Boston University School of Medicine

Catherine Najem, MD
Roger Williams Medical Center

Shanley Marie O’Brien, MD
University of Kansas Medical Center

Kevin V. Plumley, MD, MPH
Roger Williams Medical Center, Boston University School of Medicine

Adam Przebinda, MD
University of Oklahoma College of Medicine

Daphne Scaramangas-Plumley, MD
Roger Williams Medical Center, Boston University School of Medicine

Daniel Shelton, OTS
Medical University of South Carolina

Stacy Tanner, MD
University of Utah

Cara D. Varley, MPH
Oregon Health & Science University

STUDENT ACHIEVEMENT AWARD

The purpose of the Student Achievement Award is to recognize medical or graduate students for significant work in the field of rheumatology by providing an opportunity for students to attend the ACR/ARHP Annual Meeting.

Abhimanyu Amarnani
SUNY Downstate Medical Center

Alexandra H. Antonioli, BS
University of Colorado Medical School

Julia R. Ayeroff, MA
University of Southern California

Desiree R. Azizoddin, MA
Loma Linda University, Loma Linda

Gautam Edhayan
University of Michigan

Christopher Ferrigno
Rush University

Ryan William Gan, MPH
Colorado School of Public Health

Rufei Lu, BS
University of Oklahoma Health Science Center

Gabrielle Paul
The Ohio State University College of Medicine

Rachael Philips, BS
Mayo Clinic

Laura Plantinga, ScM
Emory University

Julia Rood
Perelman School of Medicine at the University of Pennsylvania

Jennifer M.P. Woo, MPH
UW-Milwaukee Joseph J. Zilber School of Public Health

MEDICAL AND PEDIATRIC RESIDENT RESEARCH AWARD

The purpose of the Medical and Pediatric Resident Research Award is to motivate residents to pursue subspecialty training in rheumatology by providing the opportunity to experience rheumatology first-hand at the ACR/ARHP Annual Meeting.

Micaela F. Bayard, MD
New York Hospital Queens/ Weill Cornell Medical College

Paras Karmacharya, MD
Reading Health System

Sarah B. Lieber, MD
Beth Israel Deaconess Medical Center

Gihyun Myung, MD
Cedars Sinai Medical Center

Micaela F. Bayard, MD
New York Hospital Queens/ Weill Cornell Medical College

Audrey Jan Bearden, MD
The University of Missouri - Kansas City

Kevin Byram, MD
Vanderbilt University Medical Center

Paras Karmacharya, MD
Reading Health System

Sarah B. Lieber, MD
Beth Israel Deaconess Medical Center

Gihyun Myung, MD
Cedars Sinai Medical Center
**PEDiatric RESEARCH AWARD**

The purpose of the Pediatric Research Award is to promote scholarship in the field of pediatric rheumatology, recognize outstanding abstracts and provide an opportunity to attend the ACR/ARHP Annual Meeting. *Funding for this award is made possible through an endowment provided by Amgen, Inc.*

Nicole Ling, MD  
University of California, San Francisco

Monica Mahajan, MD  
Akron Children’s Hospital

Alysha Jo Taxter, MD  
The Children’s Hospital of Philadelphia

Lehn Weaver, MD, PhD  
The Children’s Hospital of Philadelphia

**M ARSHALL J. SChIFF, MD, MEMORIAL FELLOw RESEARCH AWARD**

The purpose of the Marshall J. Schiff, MD, Memorial Fellow Research Award is to recognize outstanding scholarship in the field of rheumatology and provide fellows-in-training who authored or co-authored an abstract submitted to the ACR/ARHP Annual Meeting an opportunity to attend the meeting to present their abstract. *Funding for this award is made possible through an endowment from Dr. and Mrs. Michael H. Schiff and friends.*

Daniel Benjamin Horton, MD  
University of Pennsylvania; Nemours duPont Hospital for Children, Thomas Jefferson University

Hanna Kim, MD  
Children’s National Medical Center

The Foundation is the largest private funding source of rheumatology research and training in the United States.

**CLINICAL TRIALS**  
$1,000,000

**TARGETED RESEARCH**  
$6,375,000

**CAREER DEVELOPMENT**  
$4,112,500

**EDUCATION AND TRAINING**  
$1,739,750

*Amounts for FY2015*
PRECEPTORSHIP RECIPIENTS

The Foundation’s Preceptorship program introduces the best and brightest medical students, graduate students and residents to the field of rheumatology as a possible career path by supporting a mentored one-on-one interaction and real-world learning experience focused on rheumatology.

MEDICAL STUDENT CLINICAL PRECEPTORSHIP

The purpose of the Medical Student Clinical Preceptorship is to introduce students to the specialty of rheumatology by supporting a full-time clinical experience.

Ikechukwu K. Amobi, BS
Preceptor: Gail Kerr, MD
Howard University Hospital

Crystal E. Babb, BA
Preceptor: Gail Kerr, MD
Howard University Hospital

Michelle Bobrow, BS
Preceptor: James Jarvis, MD
University at Buffalo Clinical and Translational Research Center

Hannah Brummer
Preceptor: Teresa Hennon, MD
Women & Children’s Hospital of Buffalo

Justin Costello, BA
Preceptor: Diane L. Kamen, MD, MSCR
Medical University of South Carolina

Hayley Crossman, BS
Preceptor: Robert W. Janson, MD
Denver VA Medical Center

Maricruz Domínguez-Quintana
Preceptor: Juanita Romero-Díaz, MD
Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán

David Nazaeth Faz-Munoz
Preceptor: Gabriela Hernandez-Molina, MD, MSc
Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán

Julieta Ibarra, BS
Preceptor: Senada Arabelovic, DO
Tufts Medical Center

Sara Koenig McLaughlin, PhD
Preceptor: Seetha Monrad, MD
University of Michigan Medical School

Brian Le
Preceptor: Laura Carbone, MD
Georgia Regents University-Rheumatology

Allison Rice, BS
Preceptor: Diane L. Kamen, MD, MSCR
Medical University of South Carolina

Kenny Rodriguez, BS
Preceptor: Joel Hirsh, MD
Denver Health

Rafael C. Wabl
Preceptor: Manisha Sharma, MD
USCF Fresno Medical Education Program

Timothy Yen, BA
Preceptor: Sam Dalvi, MD
Duke University Medical Center
## Medical Student Research Preceptorship

The purpose of the Medical Student Research Preceptorship is to introduce students to the specialty of rheumatology by supporting a full-time research experience.

<table>
<thead>
<tr>
<th>Name</th>
<th>Preceptor</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Adu</td>
<td>Leslie J. Crofford, MD</td>
<td>Vanderbilt University Medical Center</td>
</tr>
<tr>
<td>Hazem Albandar</td>
<td>Wenhui Shao, PhD</td>
<td>Temple University School of Medicine</td>
</tr>
<tr>
<td>Marie Baumeister, BS</td>
<td>Marissa Blum, MD, MS</td>
<td>Temple University School of Medicine</td>
</tr>
<tr>
<td>Murtaza Bharmal, BS</td>
<td>Edward S. Leib, MD</td>
<td>University of Vermont College of Medicine</td>
</tr>
<tr>
<td>Carol Gaines Bledsoe</td>
<td>Lisa Anne Davis, MD MSc</td>
<td>Denver Health</td>
</tr>
<tr>
<td>Katelyn Burgess</td>
<td>Sampath Prahalad, MD MSc</td>
<td>Emory University</td>
</tr>
<tr>
<td>Marshall L.R. Davis, MPH</td>
<td>Ted R. Mikuls, MD, MSPH</td>
<td>University of Nebraska Medical Center</td>
</tr>
<tr>
<td>Mengying Guo, BS</td>
<td>Judyann C. Olson, MD</td>
<td>Medical College of Wisconsin</td>
</tr>
<tr>
<td>Gregory M. Ingolia</td>
<td>Kevin D. Deane, MD, PhD</td>
<td>University of Colorado</td>
</tr>
<tr>
<td>Sarah Kelso, BS</td>
<td>Bonita S. Libman MD</td>
<td>University of Vermont</td>
</tr>
<tr>
<td>Alisa N. Li</td>
<td>James N. Jarvis, MD</td>
<td>University at Buffalo</td>
</tr>
<tr>
<td>Yuxin Liu, BS</td>
<td>Andras Perl, MD, PhD</td>
<td>SUNY Upstate Medical University</td>
</tr>
<tr>
<td>Theresa K. Mattingly, BS</td>
<td>Alfred H. Kim, MD, PhD</td>
<td>Washington University</td>
</tr>
<tr>
<td>Alireza Mofrad, MSc</td>
<td>Richard S. Panush, MD, MACP, MACR</td>
<td>Keck School of Medicine of the University of Southern California</td>
</tr>
<tr>
<td>Briana Kathleen Ply</td>
<td>Diane L. Kamen, MD, MSCR</td>
<td>Medical University of South Carolina</td>
</tr>
<tr>
<td>Debbie Rybak, MD, MS</td>
<td>Chaim Putterman, MD</td>
<td>Albert Einstein College of Medicine</td>
</tr>
<tr>
<td>Joo Yeon Ryu, MD</td>
<td>Ram Raj Singh, MD</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>Anastasia Slobodick, BA</td>
<td>Michael H. Pillinger, MD</td>
<td>New York University School of Medicine</td>
</tr>
<tr>
<td>Anne Song, MS</td>
<td>M. Elaine Husni, MD, MPH</td>
<td>Cleveland Clinic</td>
</tr>
<tr>
<td>Kellie Young, BS</td>
<td>Lindsey A. Criswell, MD, MPH, DSc</td>
<td>University of California, San Francisco</td>
</tr>
<tr>
<td>Allison J. Zoch, BA</td>
<td>Bryce A. Binstadt, MD, PhD</td>
<td>University of Minnesota</td>
</tr>
</tbody>
</table>

## Health Professional Research Preceptorship

The purpose of the Health Professional Research Preceptorship is to introduce students to rheumatology-related health care by supporting full-time research by a graduate student in the broad area of rheumatic disease.

<table>
<thead>
<tr>
<th>Name</th>
<th>Preceptor</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kelley Battle Beck, MS</td>
<td>Carol M. Greco, PhD</td>
<td>University of Pittsburgh Medical School</td>
</tr>
<tr>
<td>Michael B. Cole, BS</td>
<td>Lindsey A. Criswell, MD, MPH, DSc</td>
<td>University of California, San Francisco</td>
</tr>
<tr>
<td>Giovanna I. Cruz, MSc</td>
<td>Lindsey A. Criswell, MD, MPH, DSc</td>
<td>University of California, San Francisco</td>
</tr>
<tr>
<td>Vanessa Delisle, MSc</td>
<td>Brett Thoms, PhD</td>
<td>McGill University and Jewish General Hospital</td>
</tr>
<tr>
<td>Rina Fox, MS</td>
<td>Vanessa L. Malcarne, PhD</td>
<td>San Diego State University</td>
</tr>
<tr>
<td>Miguel-Angel Gutierrez, PhD Candidate</td>
<td>Ram Raj Singh, MD</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>Nick Huang, BS</td>
<td>Andras Perl, MD, PhD</td>
<td>State University of New York, Upstate Medical University</td>
</tr>
<tr>
<td>Lisa R. Jewett, BA, MSc</td>
<td>Brett D. Thoms, PhD</td>
<td>McGill University and Jewish General Hospital</td>
</tr>
<tr>
<td>Sarah Mills, MS</td>
<td>Vanessa L. Malcarne, PhD</td>
<td>San Diego State University</td>
</tr>
<tr>
<td>Sebastian G. Placide, BA</td>
<td>Robert R. McLean, DSc, MPH</td>
<td>Hebrew SeniorLife Institute for Aging Research</td>
</tr>
<tr>
<td>Priti Prasad, BS, MS</td>
<td>Ram Raj Singh, MD</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>Brooke Rhead</td>
<td>Lindsey Criswell, MD, MPH</td>
<td>University of California, San Francisco</td>
</tr>
<tr>
<td>Shao Yong Tao, BS</td>
<td>Cong Qui Chu, MD, PhD</td>
<td>Portland VA Medical Center/ Portland VA Research Foundation</td>
</tr>
<tr>
<td>Lisa R. Jewett, BA, MSc</td>
<td>Brett D. Thoms, PhD</td>
<td>McGill University and Jewish General Hospital</td>
</tr>
<tr>
<td>Sarah Mills, MS</td>
<td>Vanessa L. Malcarne, PhD</td>
<td>San Diego State University</td>
</tr>
<tr>
<td>Sebastian G. Placide, BA</td>
<td>Robert R. McLean, DSc, MPH</td>
<td>Hebrew SeniorLife Institute for Aging Research</td>
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<tr>
<td>Priti Prasad, BS, MS</td>
<td>Ram Raj Singh, MD</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>Brooke Rhead</td>
<td>Lindsey Criswell, MD, MPH</td>
<td>University of California, San Francisco</td>
</tr>
<tr>
<td>Shao Yong Tao, BS</td>
<td>Cong Qui Chu, MD, PhD</td>
<td>Portland VA Medical Center/ Portland VA Research Foundation</td>
</tr>
</tbody>
</table>
RESIDENT RESEARCH PRECEPTORSHIP

The purpose of the Resident Research Preceptorship is to introduce residents to the specialty of rheumatology by supporting a full-time research experience with the goal of attracting promising physician scientists to the field of rheumatology.

Monique Bethel, MD
Preceptor: Laura D. Carbone, MD, MS
Georgia Regents University

Viet L. Bui, MD, PhD
Preceptor: Ram Raj Singh, MD
UCLA David Geffen School of Medicine

Sophia Cenac, MD
Preceptor: Lesley Ann Saketkoo, MD, MPH
Louisiana State University

Bryant England, MD
Preceptor: Ted R. Mikuls, MD, MSPH
University of Nebraska Medical Center

David Ewart, MD
Preceptor: Erik J. Peterson, MD
University of Minnesota

Ying Liu, MD, MPH
Preceptor: Jon Giles, MD, MPH
Columbia University Medical Center

Merrideth Ashley Morris, MD
Preceptor: Richard M. Silver, MD
Medical University of South Carolina

Melissa Wang, MD, MHA
Preceptor: George F. Moxley, MD
Virginia Commonwealth University

Katherine Wysham, MD
Preceptor: Edward Yelin, PhD
University of California, San Francisco

MaryAnn Zhang, MD
Preceptor: Tuhina Neogi, MD, PhD, FRCPC
Boston University School of Medicine

EPHRAIM P. ENGLEMAN ENDOWED RESIDENT RESEARCH PRECEPTORSHIP

The purpose of the Ephraim P. Engleman Endowed Resident Research Preceptorship is to introduce residents to the specialty of rheumatology by supporting a full-time research experience with the goal of attracting promising physician scientists to the field of rheumatology. Funding for this award is made possible through an endowment from Dr. Ephraim P. Engleman.

Kashif A. Jafri, MD
Preceptor: Peter Merkel, MD, MPH
University of Pennsylvania

Nearly half of those who complete foundation preceptorships choose rheumatology as their subspecialty
Recruiting more quality rheumatology professionals starts with strong academic training centers. The Foundation is the only organization dedicated to strengthening the national rheumatology academic training environment. These awards help to cultivate future generations of rheumatologists and rheumatology health professionals.

**Educational and Training Award Recipients**

**Amgen Fellowship Training Award**

The purpose of the Amgen Fellowship Training Award is to provide support to fellows in rheumatology and to help ensure a diverse and highly trained workforce is available to provide competent clinical care to those affected by rheumatic disease. **Funding for this award is made possible through the financial support of Amgen, Inc.**

Stanley P. Ballou, MD  
Case Western Reserve University at MetroHealth Medical Center

Bryce A. Binstadt, MD, PhD  
University of Minnesota

Marcy B. Bolster, MD  
Massachusetts General Hospital

Ernest Brahn, MD  
UCLA School of Medicine

Richard Brasington, MD, FACP  
Washington University School of Medicine

Amy C. Cannella, MD  
University of Nebraska Medical Center

Peter Chira, MD, MS  
Indiana University School of Medicine, Riley Hospital for Children

Christopher E. Collins, MD  
MedStar Washington Hospital Center

Lisa G. Criscione-Schreiber, MD  
Duke University

Chris T. Derk, MD, MS  
University of Pennsylvania

Raymond H. Flores, MD  
University of Maryland Hospital

Howard A. Fuchs, MD  
Vanderbilt University Medical Center

**Demand for Rheumatologists**

Is expected to jump 46% by 2025 while the actual number of rheumatologists is expected to only increase by 1.2%.

**Citation**: ACR’s workforce study published in Arthritis & Rheumatism
AMGEN FELLOWSHIP TRAINING AWARD (CONTINUED)

Gregory C. Gardner, MD, FACP
University of Washington

Simon M. Helfgott, MD
Brigham and Women’s Hospital

Jennifer L. Huggins, MD
Cincinnati Children’s Hospital Medical Center

Beth L. Jonas, MD
University of North Carolina at Chapel Hill

Robert A. Kalish, MD
Tufts Medical Center

Erica F. Lawson, MD
University of California, San Francisco

Tzielan C. Lee, MD
Stanford University

Bonita S. Libman, MD
University of Vermont

Vikas Majithia, MD
University of Mississippi Medical Center

Anne G. Minenko, MD, FRCPC
University of Minnesota Medical School

Eyal Muscal, MD
Baylor College of Medicine

Philip Seo, MD, MHS
Johns Hopkins University

Eric S. Sobel, MD, PhD
University of Florida

Virginia D. Steen, MD
Georgetown University

Robert Terkeltaub, MD
University of California, San Diego

Tammy O. Utset, MD
The University of Chicago

Heather Van Mater, MD
Duke University

PAULA DE MERIEUX FELLOWSHIP TRAINING AWARD

The purpose of the Paula de Merieux Fellowship Training Award is to ensure a diverse and highly trained work force is available to provide competent clinical care to patients with rheumatic disease by supplying funds to pay for one year of rheumatology training for a fellow who is an underrepresented minority or a woman. Funding for this award is made possible by an endowment from the estate of Paula de Merieux, MD.

Rory M. Marks, MBBS, FRACP
University of Michigan

TRAINING PROGRAM DEVELOPMENT AWARD

The purpose of this award is to help ensure that a diverse and highly trained workforce is available to provide competent clinical care to those affected by rheumatic diseases.

Anne Davidson, MBBS
Feinstein Institute for Medical Research

Samina Q. Hayat, MD
Louisiana State University

John F. Bohnsack, MD
to visit University of Arizona Program

Randy Q. Cron, MD, PhD
to visit Albany Medical Center

Michael Henrickson, MD, MPH
to visit University of Toledo

James N. Jarvis, MD
to visit Meharry Medical College

Suzanne C. Li, MD, PhD
to visit The Unterberg Children’s Hospital at Monmouth Medical Center

Katherine A.B. Marzan, MD
to visit University of California, Davis Health System Program

Karen Onel, MD
to visit University of Illinois College of Medicine at Peoria Program

C. Eгла Rabinovich, MD, MPH
to visit Marshfield Clinic

Ann M. Reed, MD
to visit Oregon Health Sciences University

David D. Sherry, MD
to visit West Virginia University

Richard K. Vehe, MD
to visit University of South Dakota Sanford School of Medicine

Andrew J. White, MD
to visit University of Oklahoma College of Medicine-Tulsa Program

Karen Onel, MD
to visit University of Illinois College of Medicine at Peoria Program

C. Eгла Rabinovich, MD, MPH
to visit Marshfield Clinic

Ann M. Reed, MD
to visit Oregon Health Sciences University

David D. Sherry, MD
to visit West Virginia University

Richard K. Vehe, MD
to visit University of South Dakota Sanford School of Medicine

Andrew J. White, MD
to visit University of Oklahoma College of Medicine-Tulsa Program

Karen Onel, MD
to visit University of Illinois College of Medicine at Peoria Program

C. Eгла Rabinovich, MD, MPH
to visit Marshfield Clinic

Ann M. Reed, MD
to visit Oregon Health Sciences University

David D. Sherry, MD
to visit West Virginia University

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to visit University of South Dakota Sanford School of Medicine

Andrew J. White, MD
to visit University of Oklahoma College of Medicine-Tulsa Program

Karen Onel, MD
to visit University of Illinois College of Medicine at Peoria Program

C. Eгла Rabinovich, MD, MPH
to visit Marshfield Clinic

Ann M. Reed, MD
to visit Oregon Health Sciences University

David D. Sherry, MD
to visit West Virginia University

Richard K. Vehe, MD
to visit University of South Dakota Sanford School of Medicine

Andrew J. White, MD
to visit University of Oklahoma College of Medicine-Tulsa Program

Karen Onel, MD
to visit University of Illinois College of Medicine at Peoria Program

C. Eгла Rabinovich, MD, MPH
to visit Marshfield Clinic

Ann M. Reed, MD
to visit Oregon Health Sciences University

David D. Sherry, MD
to visit West Virginia University

Richard K. Vehe, MD
to visit University of South Dakota Sanford School of Medicine

Andrew J. White, MD
to visit University of Oklahoma College of Medicine-Tulsa Program
**HEALTH PROFESSIONAL ONLINE EDUCATION GRANT**

The purpose of the Health Professional Online Education Grant is to increase the knowledge and skills of rheumatology health professionals to meet the needs of a growing rheumatology patient population by providing registration costs to complete either the *Fundamentals of Rheumatology Course* or the *Advanced Rheumatology Course*.

David Buys, PA  
Idaho Falls Arthritis Clinic

Bethany R. Crum, RN, BSN  
University of Kansas Physicians

Hope S. Davis, MS, ATC, PA-C  
DeKalb Medical Specialty

Trevor E. Davis, MD  
Tufts Medical Center, Beth Israel Deaconess Medical Center

Jessica F. Farrell, PharmD  
Albany College of Pharmacy and Health Sciences

Brenda Lee Frie, MA, OTR/L CHT  
St. Catherine University

Tricia Fuller, RN, BSN, MS, FNP  
Duke University

Natalie R. Gomez, APRN-NP  
Children’s Hospital and Medical Center

Alice Liao, NP  
North East Medical Services

Kelley R. Magadan, AAS-Professional Nursing  
University of Kansas

Laura Marquez, MSN, RN, FNP  
Centro San Vicente

Eileen Pagano, CPNP  
Methodist LeBonhuer Healthcare

Beth Sylvester, MSN  
Thomas Jefferson University

Melissa Foster Rietz, MSc, FNP-BC  
Presbyterian Medical Services

Gayle Lea Yankee, BSN, MSN, RN, CS (FNP)  
Lansing Rheumatology

Ronald Yglesias, MD  
AtlantiCare Regional Medical Center

**CLINICIAN SCHOLAR EDUCATOR AWARD**

The purpose of the Clinician Scholar Educator Award is to develop and support educators who are dedicated to providing a high-quality clinical educational experience to future rheumatologists and rheumatology health professionals. Through this award, scholars should demonstrate their goal of developing a career in education and training with the aim of enhancing education in musculoskeletal and rheumatic diseases.

Maria Dall’Era, MD  
University of California, San Francisco  
*Virtual patient simulation for rheumatology education*

Eli M. Miloslavsky, MD  
Massachusetts General Hospital and Harvard Medical School  
*Improving the Resident-Fellow Teaching Interaction Through the Fellow As Clinical Teacher (FACT) Curriculum*

Jennifer E. Sloane, MD  
Thomas Jefferson University  
*The Utility of an Inverted Curriculum in a 2nd Year Medical Student Rheumatology Class*
Establishing a research career in the rheumatology field requires the availability of major research funding. Increasing concerns over shortfalls in federal funding for investigator-driven rheumatology research have forced many physician scientists and health professionals to reconsider their careers. To combat this, the Foundation provides research awards designed to attract early and mid-career investigators to continue vital research into the cause, prevention and treatment of rheumatic diseases.

The purpose of the Scientist Development Award is to provide support for a structured clinical or basic science research training program for rheumatologists or health professionals in the field of rheumatology. This award is designed for individuals in the early stages of their career or those without significant prior research experience who plan to embark on careers in biomedical and/or clinical research in arthritis and rheumatic diseases.

**Cornelia Diana Cudrici, MD**
National Institute of Arthritis and Musculoskeletal and Skin Diseases
*AMPK: a new anti-inflammatory target for Methotrexate*

**Alyssa B. Dufour, PhD**
Hebrew SeniorLife
*Foot Problems, Obesity and Longitudinal Patterns of BMI*

**Laura Geraldino Pardilla, MD, MSc**
Columbia University, College of Physicians and Surgeons
*Anti-Ro Antibodies and conduction defects in SLE Adults*

**Sarthak Gupta, MBBs**
National Institute of Arthritis and Musculoskeletal and Skin Diseases
*Anticytokine Autoantibodies in Autoimmune Diseases*

**Lauren Ashley Henderson, MD, MMSc**
Boston Children’s Hospital
*T Regulatory and Effector Cell Diversity and Phenotype in Juvenile Idiopathic Arthritis*

**Ioannis Kalampokis, MD, MPH**
Duke University
*IL-10-producing regulatory B cell (“B10 cell”) development in systemic lupus erythematosus*

**Mei Massengale, MD**
Massachusetts General Hospital
*Cellular Source and Niche for Cartilage Regeneration*
The largest, named endowment at the Rheumatology Research Foundation established by a past president and member of the American College of Rheumatology provides a permanent source of support in basic science research career development of early career investigators. Established in 2014 with a generous commitment from Mrs. Tobé and Dr. Stephen Malawista, who served his entire career at Yale University, this endowment ensures that physician scientists are able to continue their academic careers in vital rheumatic disease research. Annually, the Foundation’s Scientific Advisory Council chooses an outstanding recipient of the Scientist Development or Investigator Awards to receive the Malawista designation.

**INVESTIGATOR AWARD**

The purpose of the Investigator Award is to support investigators engaged in research relevant to rheumatic diseases for the period between the completion of post-doctoral fellowship training and establishment as an independent investigator. The award is intended to support junior investigators during the period that they are developing a project that will be competitive for NIH funding.

- **Alfred Hyounjgu Kim, MD, PhD**
  Washington University School of Medicine
  The role of cytokines in glomerular injury

- **Kevin Douglas Gross, DPT, ScD**
  MGH Institute of Health Professions
  The Relation of Foot Mechanics to Medial Knee Load and Osteoarthritis Risk

- **Adam Mor, MD, PhD**
  New York University School of Medicine
  Targeting T cell adhesion in Rheumatoid Arthritis

- **Joshua J. Stefanik, PhD, MSPT**
  Boston University
  Identifying cases of PFJ OA & their hip impairments

**SCIENTIST DEVELOPMENT AWARD (CONTINUED)**

- **Ana-Maria Orbai, MD, MHS**
  Johns Hopkins University School of Medicine
  Health Related Quality of Life in Psoriatic Arthritis

- **Ziv Paz, MD, MSc, MPH**
  Beth Israel Deaconess Medical Center
  The B subunits of PP2A regulate IL-2 production in SLE

- **Rennie L. Rhee, MD, MSCE**
  University of Pennsylvania
  Long-Term Outcomes and Effectiveness of Treatment For Renal Disease Among Patients With ANCA-Associated Vasculitis

- **Jeffrey A. Sparks, MD, MMSc**
  Brigham and Women’s Hospital
  Methotrexate Use and Infection in Rheumatoid Arthritis

- **Gloria Salazar Cintora, MD**
  University of Texas Health Science Center at Houston
  The Role of microRNA in Systemic Sclerosis

- **Robert Su, MD**
  University of California, San Francisco
  Transcriptomic signatures and molecular stratification in sarcoidosis

- **Jessica Ann Walsh, MD**
  George E. Wahlen Veteran Affairs Medical Center and University of Utah
  Axial spondyloarthritis identification and mortality
CAREER DEVELOPMENT BRIDGE FUNDING AWARD: K BRIDGE

The purpose of the Career Development Bridge Funding Award: K Bridge is to provide bridge funding for promising investigators as they are revising outstanding career development awards (e.g., NIH K08/K23 awards or VA CDA-2 awards). Through this bridge funding award, the Foundation supports junior faculty members so they have the highest likelihood of achieving success in obtaining longer-term career development awards.

Trevor E. Davis, MD
Beth Israel Deaconess Medical Center
Immune Cell microRNA Expression and Cell Signaling in Pediatric SLE

Aimee O. Hersh, MD
University of Utah
Adult Outcomes of Juvenile Idiopathic Arthritis

Dana E. Orange, MD, MS
The Rockefeller University
RNA fluctuations as a measure of RA disease activity

Daniel K. White, PT, ScD
University of Delaware
Prevention of pain and functional limitation in people at high risk of knee OA through physical activity

CAREER DEVELOPMENT BRIDGE FUNDING AWARD: K SUPPLEMENT

The purpose of the Career Development Bridge Funding Award: K Supplement is to address the needs of junior investigators who have limited resources to cover research costs and are attempting to transition into being independent investigators. This award serves as a supplement to the NIH K08/K23, VA CDA, or equivalent four- or five-year award mechanism.

Julia Charles, MD, PhD
Brigham and Women’s Hospital
Osteoclast dependent mesenchymal proliferation in osteoclast rich osteoporosis

Amit Golding, MD, PhD
VAMC/VAMHCS, Research and Development/Medical Services
University of Maryland School of Medicine
Aberrant Treg Suppression of B cells in SLE

Jeremy Sokolove, MD
Palo Alto Veterans Institute for Research
Citrullinated antigens bridge innate and adaptive immunity in RA

Laura Su, MD, PhD
University of Pennsylvania
The Characteristics of Self-recognizing CD4 T Cells in Rheumatoid Arthritis

Kathryn S. Torok, MD
University of Pittsburgh Medical Center
Immunophenotyping active disease in localized scleroderma

Jinoos Yazdany, MD
University of California, San Francisco
Using electronic health records to drive novel lupus research
CAREER DEVELOPMENT BRIDGE FUNDING AWARD: R BRIDGE

The purpose of the Career Development Bridge Funding Award: R Bridge is to provide bridge funding for promising investigators as they are revising outstanding independent research grant applications. Through this bridge funding award, the Foundation supports those who have demonstrated experience and productivity as a rheumatology investigator and who show evidence of strong scientific and career mentoring, as well as a demonstration of institutional support.

Mara L. Becker, MD, MSCE
Children's Mercy
Integrated Approach to Individualizing Therapy with MTX in JIA

Teresa Tarrant, MD
University of North Carolina at Chapel Hill
G18 regulates autoimmune pathophysiology in arthritis

Julie Zikherman, MD
University of California, San Francisco
Probing BCR signaling in germinal center selection

THE FOUNDATION SUPPORTS RESEARCH INVESTIGATING MANY RHEUMATIC DISEASES, INCLUDING:

+ GOUT  + SCLERODERMA
+ JUVENILE IDIOPATHIC ARTHRITIS  + SPONDYLARTHROPATHIES
+ OSTEOARTHRITIS  + SYSTEMIC LUPUS ERYTHEMATOSUS
+ PEDIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS  + SYSTEMIC SCLEROSIS
+ RHEUMATOID ARTHRITIS  + VASCULITIS
TARGETED RESEARCH GRANT RECIPIENTS

These grants provide funding for projects that address basic, translational and clinical aspects of rheumatoid arthritis and certain types of inflammatory arthritis. Outcomes from these grants should lead to new insights into the etiology, pathogenesis and treatment of RA and related autoinflammatory diseases.

DISEASE TARGETED RESEARCH PILOT GRANTS

These smaller pilot grants are intended to provide seed funds to scientists with novel research ideas. This allows investigators to gather preliminary data to determine whether a greater investment is needed in their research idea or if they should change direction in order to maximize outcomes.

- **Joerg Ermann, MD**
  Brigham and Women’s Hospital
  *Cellular and molecular regulation of the IL-23-IL-17A axis in spondyloarthritis*

- **Gary S. Firestein, MD**
  University of California, San Diego
  *Histone Marks in Rheumatoid Arthritis Synoviocytes*

- **Anthony R. French, MD, PhD**
  Washington University
  *Single Cell Mass Cytometry Profiling of Immune Responses in Polyarticular JIA*

- **Katherine P. Liao, MD, MPH**
  Brigham and Women’s Hospital
  *Anti-citrullinated peptide antibodies and risk of coronary artery disease in RA*

- **Kamal D. Moudgil, MD, PhD**
  University of Maryland School of Medicine
  *Exploiting novel peptide ligands for cytokine-based targeted therapy of arthritis*
DISEASE TARGETED INNOVATIVE RESEARCH GRANTS

These larger, two-year grants provide funds to scientists who need to conduct additional testing on promising research ideas that are supported by preliminary data.

Felipe Andrade, MD, PhD  
Johns Hopkins University  
Understanding the anti-PAD autoantibody network in rheumatoid arthritis

Nunzio Bottini, MD, PhD  
La Jolla Institute for Allergy and Immunology  
Functional genetics of PTPN2, a major arthritis gene

Hyon Choi, MD, DrPH  
Massachusetts General Hospital/Harvard Medical School  
Methodologic Remedies for Risk Factor Paradoxes in Inflammatory Arthritis

Joseph E. Craft, MD  
Yale University  
Studying Monocytes and iPS Cells in RA

Leslie J. Crofford, MD  
Vanderbilt University  
Peripheral Mechanisms of Fatigue in Inflammatory Arthritis

Ellen M. Gravallese, MD  
University of Massachusetts  
Epigenetic Control of Bone in Rheumatoid Arthritis

Kathryn Haskins, PhD  
University of Colorado, Denver  
Pathogenic T Cells in a Mouse Model of Rheumatoid Arthritis

Joseph Holoshitz, MD  
University of Michigan  
A Novel Therapeutic Paradigm in Rheumatoid Arthritis

Jeffrey M. Karp, PhD  
Brigham and Women's Hospital  
Inflammation responsive treatment of inflammatory arthritis via on-demand drug delivery

Kaleb D. Michaud, PhD  
University of Nebraska Medical Center  
Electronic Mobile Health Tool for Improving Patient Assessment in the Clinic

Iris Navarro-Millan, MD  
University of Alabama at Birmingham  
PROs in Inflammatory Arthritis: Electronic Capture to Improve Patient Outcomes

Timothy B. Niewold, MD  
Mayo Clinic  
Type I Interferon as a Predictor of Anti-TNF Response

Harris R. Perlman, PhD  
Northwestern University  
The role of non-classical monocytes and resident synovial macrophages in RA

Christopher T. Ritchlin, MD, MPH  
University of Rochester Medical Center  
Serum, Cellular and Imaging Markers of Arthritis in Psoriasis Patients

Inez Rogatsky, PhD  
Hospital for Special Surgery  
Anti-inflammatory actions of transcription cofactor GRIP1 in rheumatoid arthritis

Jeremy Sokolove, MD  
Palo Alto Veterans Institute for Research  
Anti-Citrullinated Protein Antibodies as Biomarkers of Cardiovascular Risk in RA

Maria E. Suarez-Almazor, MD, PhD  
The University of Texas MD Anderson Cancer Center  
Effects of Social Networking on Chronic Disease Management in Arthritis
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