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Welcome

Welcome to Houston and to the 2017 CARRA Annual Scientific Meeting!

Welcome to our 13th Annual Meeting! This event provides many opportunities to develop and refine scientific approaches to questions in clinical and translational research, while networking with colleagues. Our meeting offers a unique, interactive format with sessions that encourage your active participation, including brainstorming and contributing to new research initiatives and ideas. Through participation, you will help develop and update CARRA’s scientific research agenda. The success of our meeting depends on the richness of the interactions, teamwork and creativity. This format and focus on actively shaping new and continuing ideas and projects is what makes our meeting so unique and vibrant.

Eric Peterson, MD, MPH, Executive Director of the Duke Clinical Research Institute (DCRI) and a national leader in the development of outcomes measurement and quality improvement is our keynote speaker this year. Dr. Peterson and DCRI have been long-term supporters and partners with CARRA and the Registry. Dr. Peterson’s talk on Tuesday morning is entitled “Using Big Data to Transform Health in Clinical Research.” Be sure to stop by the DCRI table in the exhibit area to meet the DCRI team working on the Registry.

We continue to develop and expand patient and parent engagement in our research. In expanding our collaborations with international colleagues and networks, we welcome our first parent representative from the European Network for Children with Arthritis (ENCA) and plenary speaker, Dr. Nico Wulffraat. Dr. Wulffraat will describe future directions for synergizing and collaborating with the Pediatric Rheumatology European Society (PReS).

In addition, we are grateful for the support and continued collaboration with the many different organizations who are represented at this meeting, including the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), the Pediatric Dermatology Research Alliance (PeDRA), Cure JM, the Autoimmune Encephalitis Alliance, the Autoinflammatory Alliance, the Lupus Foundation of America (LFA), the Scleroderma Foundation and the APS (Antiphospholipid Syndrome) Foundation.

Please join us at the opening outdoor reception on Monday evening at 7:15 PM, sponsored by the Arthritis Foundation. The reception will showcase posters highlighting this past year’s round of large and small grants, our current research projects, and AF resources.

The CARRA dinner is on Tuesday evening, and will feature a DJ and country western line dancing instructors for some post-dinner fun.

We are extremely grateful to the Arthritis Foundation for their partnership and ongoing support of CARRA. With the continued support of our corporate meeting sponsors, including Novartis, AbbVie, Amgen, Bristol-Myers Squibb (BMS), Genentech, Swedish Orphan Biovitrum (Sobi) and Medac, our meeting continues to expand to meet the needs of the pediatric rheumatology community.

Please recognize the 2017 Annual Meeting Planning Chairs Stacy Ardoin, Peter Blier, and Adam Huber, who worked countless hours planning the terrific meeting program, for which we are extremely grateful.

We extend an especially warm welcome to the pediatric residents, patient/family attendees and other distinguished guests attending this year!

Yukiko Kimura, MD
President, CARRA, Inc.
Dear CARRA Conference Attendee,

For nearly 70 years, the Arthritis Foundation has been committed to serving families affected by juvenile arthritis and other childhood rheumatic diseases.

We supported CARRA since it formed more than a decade ago, and in 2017 our partnership is stronger than ever. Together, CARRA and the Arthritis Foundation are working to improve treatments and outcomes for the estimated 300,000 children in the United States who live with arthritis and related conditions. Together, we’re creating a more unified and powerful research and advocacy community by leveraging physicians, researchers and staff from both organizations.

As an organization, the Arthritis Foundation’s nationwide reach offers unprecedented opportunities for patients. With our locations and connections across the country, we are uniquely positioned to coordinate services and support to help make each day another opportunity to say Yes.

Today we are aligning our work to meet the unique and urgent needs of children with JA and their families. With a new 24/7 Helpline, social workers directly assist patients, and with our online tools and JA webpages, patients can find JA resources when and where they need them. At the same time, the Arthritis Foundation is creating a pathway for training, recruiting and engaging patients in both consumer and scientific research. With our investment in CARRA, we are making long-range plans for research growth, potentially leading to new discoveries.

Working together, we are eager to broaden our role of engaging patients in research, and we encourage you to continue directing the patients and families you serve to local Arthritis Foundation offices or our website for the support and resources they need.

Thanks in large part to our collaboration, children and families living with JA and other rheumatic diseases can continue to find hope in their fight. Our partnership has already made a significant impact, and the possibilities ahead are limitless.

Together, let’s conquer arthritis.

Ann M. Palmer
President & CEO
Arthritis Foundation

Champion of Yes
The Arthritis Foundation invites you to join us at the

Opening Reception

CARRA

2017 ANNUAL SCIENTIFIC MEETING
HOUSTON, TX • MAY 15-17, 2017

Monday, May 15, 2017
7:15 p.m. – 9:00 p.m.

Marriott Marquis Houston Hotel
Rooftop Terrace, 6th Floor Overlooking Downtown Houston

We are proud to feature the work of the CARRA Grant Program. These awards are supported through our partnership.

Cocktails and hors d’oeuvres will be served.
### MEETING AGENDA

#### CARRA PRE-CONFERENCE MEETINGS AND COURSES

**MONDAY, MAY 15, 2017**

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>7:00 AM – 6:00 PM</td>
<td>Registration</td>
<td>Houston Foyer</td>
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<tr>
<td>7:00 AM – 8:00 AM</td>
<td>Breakfast (A)</td>
<td>Houston 1 – 4</td>
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<tr>
<td>8:00 AM – 3:00 PM</td>
<td>Research Associate Pre-Conference Meeting (For coordinator members and speakers only)</td>
<td>Ft Bend AB</td>
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<tr>
<td>8:00 AM – 3:00 PM</td>
<td>Early Investigators Meeting (For early investigators, current 3rd year Fellow members and speakers only)</td>
<td>Houston 7</td>
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<tr>
<td>8:00 AM – 3:00 PM</td>
<td>CARRA Fellows Career Development Workshop (For CARRA Fellows and speakers only)</td>
<td>Houston 5</td>
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<tr>
<td>9:00 AM – 12:00 PM</td>
<td>Introduction to MSK Ultrasonography for Rheumatologists (Hands On) (For CARRA Members and instructors only)</td>
<td>Chambers AB</td>
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<tr>
<td>12:00 PM</td>
<td>Lunch (A)</td>
<td>Houston 1 – 4</td>
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<tr>
<td>11:00 AM – 2:00 PM</td>
<td>CARRA Board of Directors Meeting</td>
<td>Kingwood A</td>
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<td>2:30 PM – 7:30 PM</td>
<td>Exhibits Open (A)</td>
<td>Pre-Function</td>
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<tr>
<td>3:00 PM – 3:50 PM</td>
<td>Parent/Patient Orientation (P)</td>
<td>Meyerland AB</td>
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<tr>
<td>4:00 PM – 5:30 PM</td>
<td>CARRA Registry Investigators and Coordinators Meeting (P)</td>
<td>Houston 5</td>
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<tr>
<td>5:30 PM – 5:55 PM</td>
<td>Pediatric Residents Orientation (For Pediatric Residents and leaders only)</td>
<td>Kingwood A</td>
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### START OF CARRA SCIENTIFIC MEETING

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<tr>
<th>TIME</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>6:00 PM – 7:00 PM</td>
<td>Welcome and Opening Remarks (A)</td>
<td>Houston 1 – 4</td>
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<tr>
<td>7:15 PM – 9:00 PM</td>
<td>Opening Reception (A)</td>
<td>Rooftop Terrace, 6th Floor</td>
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### MEETING AGENDA

**Tuesday, May 16, 2017**

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>7:00 AM – 6:00 PM</td>
<td>Registration</td>
<td>Houston Foyer</td>
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<tr>
<td>6:45 AM – 7:50 AM</td>
<td>Auto-inflammatory Registry Meeting (Auto-inflammatory Registry Working Group only)</td>
<td>Chambers</td>
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<tr>
<td>6:45 AM – 7:45 AM</td>
<td>Breakfast (A)</td>
<td>Houston 1 – 4</td>
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<tr>
<td>7:00 AM – 6:00 PM</td>
<td>Exhibits Open (A)</td>
<td>Pre-Function</td>
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<tr>
<td>8:00 AM – 9:00 AM</td>
<td>Keynote Address (A)</td>
<td>Houston 1 – 4</td>
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<tr>
<td>9:00 AM – 9:30 AM</td>
<td>Plenary Speaker (A)</td>
<td>Houston 1 – 4</td>
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<tr>
<td>10:30 AM – 10:45 AM</td>
<td>Break</td>
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<tr>
<td>10:45 AM – 12:30 PM</td>
<td>Patient Centered Research 101 (A)</td>
<td>Houston 1 – 4</td>
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<tr>
<td>12:30 PM</td>
<td>Boxed Lunch Pickup (A)</td>
<td>Pre-Function</td>
</tr>
<tr>
<td>12:35 PM – 1:20 PM</td>
<td>CARRA Business Meeting (CARRA Members only)</td>
<td>Houston 1 – 4</td>
</tr>
<tr>
<td>1:30 PM – 2:15 PM</td>
<td>CARRA Concurrent Research Committee Meetings (JDM, JIA, Pain, SLE, SVARD, TRTC) (A)</td>
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<tr>
<td>2:30 PM – 5:30 PM</td>
<td>Concurrent Workgroup Sessions #1</td>
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<tr>
<td>5:45 PM – 6:15 PM</td>
<td>Parent/Patient Regroup (P)</td>
<td>River Oaks</td>
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<tr>
<td>7:00 PM</td>
<td>CARRA Dinner and Line Dancing (A, Registration required)</td>
<td>Houston 1 – 4</td>
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# CARRA Scientific Meeting

**Wednesday, May 17, 2017**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Location</th>
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<tbody>
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<td>7:00 AM – 6:00 PM</td>
<td>Registration</td>
<td>Houston Foyer</td>
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<tr>
<td>7:00 AM – 8:00 AM</td>
<td>Breakfast <em>(A)</em></td>
<td>Houston 1 – 4</td>
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<tr>
<td>7:00 AM – 8:00 AM</td>
<td>Small Centers Meeting <em>(CARRA members only)</em></td>
<td>River Oaks</td>
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<tr>
<td>7:00 AM – 1:00 PM</td>
<td>Exhibits Open <em>(A)</em></td>
<td>Pre-Function</td>
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<tr>
<td>8:15 AM – 11:15 AM</td>
<td><strong>Concurrent Workshop Sessions #2</strong></td>
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<tr>
<td></td>
<td><em>(JDM)</em> Rheumatology/Dermatology Collaboration <em>(I)</em></td>
<td>Houston 5</td>
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<tr>
<td></td>
<td><em>(JIA)</em> Systemic Juvenile Idiopathic Arthritis <em>(sJIA)</em> <em>(I)</em> <em>(P)</em></td>
<td>Houston 7</td>
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<tr>
<td></td>
<td><em>(JIA)</em> Ultrasound Session #2: Knee Scoring System <em>(I)</em></td>
<td>Ft Bend B</td>
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<tr>
<td></td>
<td><em>(PAIN)</em> Pain Session #2: FIT Teens Trial/iCanCope App Dissemination and Integration <em>(45 min)</em> <em>(C)</em></td>
<td>Chambers</td>
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<tr>
<td></td>
<td><em>(SLE)</em> SLE Nephritis <em>(P)</em> <em>(C)</em></td>
<td>Houston 1 – 4</td>
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<td></td>
<td><em>(SLE)</em> Antiphospholipid Syndrome <em>(APS)</em> <em>(P)</em></td>
<td>Kingwood A</td>
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<tr>
<td></td>
<td><em>(SVARD)</em> Inflammatory Brain Disease <em>(P)</em> <em>(C)</em></td>
<td>River Oaks</td>
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<tr>
<td></td>
<td><em>(SVARD)</em> PFAPA Work Group <em>(P)</em> <em>(C)</em></td>
<td>Brazoria AB</td>
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<tr>
<td></td>
<td><em>(SVARD)</em> Juvenile Scleroderma Working Group Meeting #2 <em>(General Research Updates jLS and JSSc)</em> <em>(P)</em> <em>(C)</em></td>
<td>Meyerland B</td>
</tr>
<tr>
<td></td>
<td><em>(TRTC)</em> TRTC Session #2 <em>(I)</em> <em>(P)</em> <em>(C)</em></td>
<td>Ft Bend A</td>
</tr>
<tr>
<td>11:30 AM – 12:45 PM</td>
<td><strong>Lunch (A) Sponsored by the Arthritis Foundation</strong></td>
<td>Houston 1 – 4</td>
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<tr>
<td>11:30 AM – 12:45 PM</td>
<td><strong>AIMS Breakout/Lunch (AIMS Workgroup only)</strong></td>
<td>Chambers</td>
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<tr>
<td>11:30 AM – 12:45 PM</td>
<td><strong>COMPARE Study Breakout/Lunch (COMPARE Study Team only)</strong></td>
<td>Meyerland A</td>
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<tr>
<td>1:00 PM – 4:00 PM</td>
<td><strong>Concurrent Workshop Sessions #3</strong></td>
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<tr>
<td></td>
<td><em>(JDM)</em> Biologics in JDM-CTP <em>(P)</em> <em>(C)</em></td>
<td>Chambers</td>
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<td></td>
<td><em>(JDM)</em> Calcinosis in JDM</td>
<td>Kingwood A</td>
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<tr>
<td></td>
<td><em>(JIA)</em> Spondyloarthritis <em>(P)</em></td>
<td>Houston 1 – 4</td>
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<tr>
<td></td>
<td><em>(JIA)</em> Ultrasound Session #3: Development of Work Plan for Scoring Systems of Other Joints Based on Literature Review <em>(I)</em></td>
<td>Ft Bend B</td>
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<td></td>
<td><em>(JIA)</em> TMJ Arthritis Interest Group</td>
<td>Ft Bend A</td>
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<td></td>
<td><em>(PAIN)</em> Pain Session #3: Toolkit Development for Assessing Decision Support Interventions Among Youth with JIA <em>(1.5 hrs)</em> &amp; Development of a Decision Support Intervention for Pain Management Options in JIA <em>(1.5 hrs)</em> <em>(P)</em></td>
<td>Meyerland</td>
</tr>
<tr>
<td></td>
<td><em>(SLE)</em> SLE Mental Health <em>(I)</em> <em>(P)</em> <em>(C)</em></td>
<td>Houston 5</td>
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<td></td>
<td><em>(SVARD)</em> AAV CTP</td>
<td>Briargrove AB</td>
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<td></td>
<td><em>(SVARD)</em> CNO/CRMO <em>(I)</em> <em>(P)</em></td>
<td>Houston 7</td>
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<tr>
<td></td>
<td><em>(TRTC)</em> TRTC Session #3 <em>(I)</em> <em>(P)</em> <em>(C)</em></td>
<td>River Oaks</td>
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<td></td>
<td><em>(Med Ed Res)</em> Medical Education Research</td>
<td>Brazoria AB</td>
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<tr>
<td>4:15 PM – 5:00 PM</td>
<td><strong>Concluding Remarks (A)</strong></td>
<td>Houston 1 – 4</td>
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<tr>
<td>5:00 PM – 6:00 PM</td>
<td><strong>Parent/Patient Closing Reception (P)</strong></td>
<td>Kingwood B</td>
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*(A)* Open to all meeting attendees. *(P)* Parent/patient attendance and participation is encouraged. *(I)* Open to industry attendees. *(C)* Research Coordinator participation encouraged.
ONLINE MEETING CONTACTS
Kelly Mieszkalski: 919-624-2225
Becky Bosworth: 678-362-7921

REGISTRATION DESK
Registration will be located in the Houston Foyer, and will be open Monday, Tuesday and Wednesday from 7:00 AM - 6:00 PM.

CARRA DINNER & LINE DANCING
TUESDAY MAY 16, 2017, 7:00 PM
(Registration Required)
Join in for dinner and line dancing lessons! We will have a DJ and dance instructors so conference attendees can learn how to line dance.

NAME BADGES
Badges must be worn to be admitted to all program sessions, breakfasts, lunches, receptions and breaks.

WIFI
WI-FI is available in the meeting spaces.
Network ID: Marquis_CONFERENCE
Password: carra

CONFERENCE EXHIBITORS
Arthritis Foundation
AbbVie
AE (Autoimmune Encephalitis) Alliance
Amgen
APS (Antiphospholipid Syndrome) Foundation
Chris Gentile/CARRA Members-Only Website
Cure JM
Duke Clinical Research Institute (DCRI)
Genentech
Lupus Foundation of America (LFA)
Medac Pharma
Novartis
PR-COIN
Scleroderma Foundation
Sobi

EXHIBIT HOURS IN THE PRE-FUNCTION AREA
Monday, May 15  2:30 PM – 7:00 PM
Tuesday, May 16  7:00 AM – 6:00 PM
Wednesday, May 17  7:00 AM – 1:00 PM

POSTERS
Posters showcasing 2016 CARRA-awarded projects (small and large grants, AF resources) will be displayed Monday, May 15 during the opening reception on the Rooftop Terrace (6th floor).
These posters, along with PRSYM posters showcasing CARRA projects, will be on display Tuesday, May 16 and Wednesday, May 17, in the Harris room on Level 2. See page 14 for a complete listing of posters to be displayed during the meeting.
Monday, May 15  7:15 PM – 9:00 PM
Tuesday, May 16  7:00 AM – 6:00 PM
Wednesday, May 17  7:00 AM – 1:00 PM

MOBILE APP
Download the 2017 CARRA meeting app in the Apple and Android stores by searching for and downloading the “Crowd Compass Directory” app. Once you have downloaded the app open it up, and search for ‘CARRA 2017.’ The mobile app is sponsored by Novartis.

CONFERENCE MEALS
The following will be provided to registered conference attendees by CARRA:
Monday: Breakfast, and lunch. At the opening reception: hors d’oeuvres and cash bar (non-alcoholic drinks are available free of charge)
Tuesday: Breakfast, boxed lunch, CARRA dinner including cash bar (non-alcoholic drinks available free of charge)
Wednesday: Breakfast, lunch

DRINK TICKETS
In your registration packet are three drink tickets. Two can be used at the opening reception Monday evening and one can be used at the CARRA dinner on Tuesday evening. A cash bar will be available for any additional alcoholic drinks. Non-alcoholic drinks are covered by CARRA.

SECURITY
We urge caution with regard to your personal belongings and meeting folders. We are unable to replace these in the event of loss. Please do not leave any personal belongings unattended in the meeting rooms.

EVALUATION FORMS
Your cooperation in completing the conference evaluation form is important to future meeting planning. We want all meeting attendees to please complete an evaluation. CARRA members must complete their online evaluation forms by Friday, May 26 in order to be eligible for travel support.
GENERAL INFORMATION

TRAVEL REIMBURSEMENT
CARRA Members, Fellows, coordinators, parents and speakers will be reimbursed for travel expenses as outlined in the full Travel Reimbursement Policy. Copies of original receipts are required.
A link to the form was sent to you by email. If you did not receive the form, please contact membership@carragroup.org. You must be current on membership dues, complete the electronic meeting evaluation by May 26, and submit your stipend request by June 2.
KEYNOTE SPEAKER
ERIC D. PETERSON, MD, MPH, FAHA, FACC
Using Big Data to Transform Health in Clinical Research

Dr. Peterson is the Fred Cobb, Distinguished Professor of Medicine in the Division of Cardiology, a DukeMed Scholar, and the Executive Director of the Duke Clinical Research Institute (DCRI). Dr. Peterson is a recognized leader in outcomes and quality research, with over 1000 peer-reviewed publications in the field. Dr. Peterson is the Principal Investigator of the NHLBI’s Coordinating Center for its Outcome Research Network, and the AHRO Cardiovascular Center for Education and Research on Therapeutics (CERTs). He is also the PI of the Data Coordinating Centers’ for the Society of ThoracicSurgeons (STS) National Cardiac Surgery Database, the American College of Cardiology’s National Cardiac Database (ACC-NCDR) and the American Heart Association’s Get With The Guidelines Database (AHA GWTG). Dr. Peterson participates on multiple national committees, as well as CV guideline and performance measure development groups. Dr. Peterson is also a member of the American Society for Clinical Investigation (ASCI), the Association of American Physicians (AAP), and the Association of University Cardiologists (AUC). Dr. Peterson received the American Heart Association Meritorious Achievement Award. He is also a Contributing Editor on the Journal of the American Medical Association.

NICO WULFFRAAT, MD, PHD
PreS – CARRA: New Collaborations from Europe

Nico Wulffraat is professor of pediatric Rheumatology and chair Research and Education at the department of pediatrics, University Medical Center, Utrecht, The Netherlands. He obtained his MD and PhD (1987) at the Free University Hospital Amsterdam. He was trained as a paediatrician from 1988 until 1993 in Utrecht. He was fellow pediatric immunology and rheumatology from 1993 to 1995 in the WKZ. Since 1995 he worked as a consultant in pediatric immunology-rheumatology. Since 2010 he is the head of this subunit. From 1997-2004 he was also coordinator of the pediatric allogeneic and autologous stem cell transplantations for immune deficiencies, metabolic disorders and autoimmune diseases.

Field of Study in Pediatric Rheumatology are interventions in the regulation of chronic inflammation (medication, immunisation and cellular therapies). He is PI of several investigator initiated trials of immunisations in children with rheumatic diseases including MMR, HPV and Men C, prevention of MTX side effects, and application of Mesenchymal Stem cells in refractory GvHD and JIA. He is coordinator of a FP7 consortium for pharmacovigilance of biologics used in JIA (PHARMACHILD). Also He leads the EHHC project SHARE that aims at documenting standards of care and treatment recommendations for pediatric rheumatic diseases throughout Europe.

Past memberships are Board of Dutch pediatric rheumatology society, Scientific Advisory Council of the Dutch League for Rheumatology, ZONMW programme committee Translational Adult Stem cell research, ZONMW programme committee Priority medicines for Children, European Medicines Agency (EMA) expert group for Pediatric rheumatology. Currently he is council member of PRES and PRINTO.

Dr Wulffraat has co-authored over 240 Pubmed cited papers in international journals on pediatric rheumatology and immunology and 12 chapters in books. Hirsch index is 44.

BRIAN FELDMAN, MD, MSC, FRCPC
Consensus: Why, What, How?

Dr. Brian Feldman is Professor of Pediatrics and Medicine, Faculty of Medicine, and the Institute of Health Policy Management & Evaluation at the Dalla Lana School of Public Health at the University of Toronto.

He is Division Head of Rheumatology at The Hospital for Sick Children. Dr. Feldman graduated from the University of Western Ontario (MD, 1985) and he did further graduate training in clinical epidemiology at the University of Toronto (MSc, 1994). He interned at the Mount Sinai Hospital in Toronto and went on to do a core pediatric residency at the Children’s Hospital of Eastern Ontario. Dr. Feldman returned to Toronto to be an associate chief resident at The Hospital for Sick Children. He stayed on there to complete a fellowship in pediatric rheumatology.
**PLENARY SPEAKERS**

Dr. Feldman’s main focus has been in clinical epidemiology research in the field of childhood rheumatic disease. Recognizing the challenges involved in the study of rare disease Dr. Feldman has worked to improve the tools available to assist in this research. He has worked at developing and refining outcome measurement tools for use in clinical trials and in outcome studies. He has developed innovative methodologies for the study of new therapies (e.g. the Randomized Placebo Phase Design) and refined and tested powerful existing methods (e.g. Bayesian meta-analysis of n-of-1 randomized trials). Dr. Feldman has made contributions to the understanding of the prognosis and treatment of juvenile dermatomyositis, the cost-effective prevention of arthropathy in severe hemophilia, the course and outcome of systemic-onset juvenile idiopathic arthritis and juvenile SLE, and the role of fitness and exercise in childhood chronic diseases including arthritis and fibromyalgia.

Dr. Feldman’s research, by its nature, is collaborative. As such he is a member of the Pediatric Rheumatology Collaborative Study Group, the Canadian Alliance of Pediatric Rheumatology Investigators, the International Myositis Assessment Criteria study group, and other collaborative organizations. He is one of the founding members of the Childhood Arthritis and Rheumatology Research Alliance (CARRA), and was the head of its protocol evaluation subcommittee and chair of its Juvenile Dermatomyositis subcommittee.

**EMILY VON SCHEVEN, MD**

**Standardizing the CARRA Consensus Treatment Plan Development**

Dr. Emily von Scheven is a board certified pediatric rheumatologist with a special interest in the long-term outcomes of children with chronic illness. She serves as Division Chief for Pediatric Rheumatology at the University of California, San Francisco where she cares for patients with all rheumatic conditions and directs a specialty clinic for children with lupus. She is the elected Finance Chair for the Childhood Arthritis & Rheumatology Research Alliance and serves on the Arthritis Foundation Northern California Board and Medical and Scientific Committee, the American College of Rheumatology Ethics Committee, and the Lupus Foundation of America Medical Advisory Committee.

**M. SUZANNE SCHRANDT, JD**

**Patient Centered Research 101**

Suz Schrandt is the Director of Patient Engagement for the Arthritis Foundation. In this role she is developing and leading the Foundation’s Patient Engagement strategy, working to infuse the wisdom and lived experience of patients into clinical research, drug and device development, and many other aspects of the healthcare system. Schrandt previously served as the Deputy Director of Patient Engagement for the Patient-Centered Outcomes Research Institute (PCORI). During her tenure with PCORI, she helped to launch several key PCORI efforts including the creation of the Engagement Rubric and the Engagement Officer role, the Advisory Panel on Patient Engagement, the Pipeline to Proposal Awards initiative, the PCORI Ambassadors Program, and the Framework on Compensation (for Patient Partners in Research). Schrandt’s passion for patient engagement comes in large part from her own diagnosis with JIA at age 14. Since that time, she has been heavily involved with patient and clinician education and advocacy initiatives, all aimed at transforming care and research to be patient-centered and team-based.

**VINCENT DEL GAIZO**

**PARTNERS: A Patient Powered Research Network for Pediatric Rheumatology**

Vincent Del Gaizo is a business owner living in New Jersey. His son was diagnosed sJIA in 2001 at 15 months old and since that time, he has been active with CARRA and the field of pediatric rheumatology. Vincent currently serves as Patient PI for PCORnet’s PARTNERS PPRN, Co-Chair of PCORI’s Advisory Panel on Rare Disease, and is an ad-hoc merit reviewer for PCORI. Vincent is a study team member for STOP-JIA and FROST as well as a consultant for Anastills. He is also a supporter of the Arthritis Foundation.
DIRECTORY

CARRA STEERING COMMITTEE
Yukiko Kimura, MD
Chair
Hackensack Meridian Health
Joseph M. Sanzari Children's Hospital
yukiko.kimura@hackensackmeridian.org

Rob Fuhlbrigge, MD, PhD
Vice Chair
Children's Hospital Colorado
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Andrea Ring  
Senior Director, JA and Young Adults  
M. Suzanne Schrandt, JD  
Director, Patient Engagement  
Jen Torres  
Executive Director, Houston Local Office
JUVENILE DERMATOMYOSITIS WORKGROUPS

(JDM) Priorities and the Future for JDM and CARRA
Tuesday, May 16 – 2:30 PM - 5:30 PM – Chambers
Adam Huber adam.huber@iwk.nshealth.ca
Susan Kim susan.kim@ucsf.edu

(JDM) Rheumatology/Dermatology Collaboration
Tuesday, May 16 – 2:30 PM - 5:30 PM – Brazoria
Susan Kim susan.kim@ucsf.edu

(JDM) Biologics in JDM-CTP
Wednesday May 17 – 1:00 PM - 4:00 PM – Chambers
Chuck Spencer, MD charles.spencer@nationwidechildrens.org

(JDM) Calciosis in JDM
Wednesday, May 17 – 1:00 PM - 4:00 PM – Kingwood A
Mark Hoeltzel mhoeltze@med.umich.edu
Amir Orandi orandi_a@kids.wustl.edu

JUVENILE IDIOPATHIC ARTHRITIS WORKGROUPS

(JIA) Inactive Disease
Tuesday, May 16 – 2:30 PM - 5:30 PM – Houston 5
Daniel Horton daniel.horton@rutgers.edu
Sarah Ringold sarah.ringold@seattlechildrens.org

(JIA) Ultrasound Session #1: Review of Knee Scoring System
Tuesday, May 16 – 2:30 PM - 5:30 PM – Brazoria
Ed Oberle edward.oberle@nationwidechildrens.org
Johannes Roth jroth@cheo.on.ca

(JIA) Ultrasound Session #2: Knee Scoring System
Wednesday, May 17 – 8:15 AM - 11:15 AM – Ft Bend B
Ed Oberle edward.oberle@nationwidechildrens.org
Johannes Roth jroth@cheo.on.ca

(JIA) Ultrasound Session #3: Development of Work Plan for Scoring Systems of Other Joints Based on Literature Review
Wednesday, May 17 – 1:00 PM - 4:00 PM – Ft Bend B
Ed Oberle edward.oberle@nationwidechildrens.org
Johannes Roth jroth@cheo.on.ca

(JIA) Uveitis
Tuesday, May 16 – 2:30 PM - 5:30 PM – Ft Bend B
Sheila Angeles-Han sheila.Angelas-Han@cchmc.org
Mindy Lo mindy.Lo@childrens.harvard.edu
Egla Rabinovich egla.rabinovich@duke.edu

(JIA) Systemic Juvenile Idiopathic Arthritis (sJIA)
Wednesday, May 17 – 8:15 AM - 11:15 AM – Houston 7
Karen Onel onelk@hss.edu
Kabita Nanda kabita.nanda@seattlechildrens.org
Susan Shenoi susan.shenoi@seattlechildrens.org

(JIA) Spondyloarthritis
Wednesday, May 17 – 1:00 PM - 4:00 PM – Houston 1 - 4
Matthew Stoll mstoll@peds.uab.edu
Hema Srinivasulu H.Sriniva@childrensnational.org

(JIA) TMJ Arthritis Interest Group
Wednesday, May 17 – 1:00 PM - 4:00 PM – Ft Bend A
Marinka Twilt marinka.twilt@ahs.ca

MEDICAL EDUCATION RESEARCH WORKGROUPS

(Med Ed Res) Medical Education Research
Wednesday, May 17 – 1:00 PM - 4:00 PM – Brazoria AB
Megan Curran mcurran@luriechildrens.org
Kristen Hayward kristen.harvey@seattlechildrens.org
Jay Mehta mehtaj@email.chop.edu

PAIN WORKGROUPS

(PAIN) Pain Session #1
Tuesday, May 16 – 2:30 PM - 5:30 PM – Ft Bend A
Chronic Widespread Pain in JIA
Brent Graham brent.graham@vanderbilt.edu
Melissa Tesher mtesher@peds.bsd.uchicago.edu
Tracy Ting tracy.Ting@cchmc.org
Jen Weiss jennifer.weiss@hackensackmeridian.org

Online Pediatric Pain Curriculum
William Bernal william.bernal@ucsf.edu

(PAIN) Pain Session #2
Wednesday, May 17 – 8:15 AM - 11:15 AM – Chambers
FIT Teens Trial
Susmita Kashikar-Zuck susmita.kashikar-zuck@cchmc.org

iCanCope App Dissemination and Integration
Mark Connelly mconnelly1@cmh.edu

(PAIN) Pain Session #3
Wednesday, May 17 – 1:00 PM - 4:00 PM – Meyerland
Toolkit Development for Assessing Decision Support Interventions Among Youth with JIA
Jennifer Stinson jennifer.stinson@sickkids.ca
Karine Toupin April ktoupin@cheo.on.ca

Development of a Decision Support Intervention for Pain Management Options in JIA
Jennifer Stinson jennifer.stinson@sickkids.ca
Karine Toupin April ktoupin@cheo.on.ca
DIRECTORY

2017 ANNUAL SCIENTIFIC MEETING WORKGROUPS AND LEADERS

SYSTEMIC LUPUS ERYTHEMATOSUS WORKGROUPS
(SLE) SLE Dermatology
Tuesday, May 16 – 2:30 PM - 5:30 PM – Houston 7
Kaveh Ardalan  kardalan@luriechildrens.org
Lisa Arkin  larkin@dermatology.wisc.edu

(SLE) SLE Nephritis
Wednesday, May 17 – 8:15 AM - 11:15 AM – Houston 1 - 4
Natasha Ruth  ruthn@musc.edu
Scott Wenderfer  wenderfe@bcm.edu

(SLE) Antiphospholipid Syndrome
Wednesday, May 17 – 8:15 AM - 11:15 AM – Kingwood A
Barry Myones  bmyones51@gmail.com

(SLE) SLE Mental Health
Wednesday, May 17 – 1:00 PM - 4:00 PM – Houston 5
Andrea Knight  knightan@email.chop.edu
Tamar Rubinstein  trubinst@montefiore.org

SCLERODERMA, VASCULITIS, AUTO-INFLAMMATORY AND RARE DISEASES WORKGROUPS
(SVARD) Juvenile Scleroderma Working Group Meeting #1 (SCORE CARRA Study Overview/Training)
Tuesday, May 16 – 2:30 PM - 5:30 PM – Briargrove AB
Suzanne Li  suzanne.li@hackensackmeridian.org
Anne Stevens  anne.stevens@seattlechildrens.org
Kathryn (Cassie) Torok  kathryn.torok@chp.edu

(SVARD) Kawasaki Disease
Tuesday, May 16 – 2:30 PM - 5:30 PM – Kingwood
Sriharsha Grevich  srshrsha.grevich@seattlechildrens.org
Robert Sundel  robert.sundel@childrens.harvard.edu
Rae Young  rae.yeung@sickkids.ca

(SVARD) Inflammatory Brain Disease
Wednesday, May 17 – 8:15 AM - 11:15 AM – River Oaks
Susanne Benseler  susanne.benseler@albertahealthservices.ca
Eyal Muscal  emuscal@bcm.edu
Heather Van Mater  heather.vanmater@duke.edu

(SVARD) PFAPA Work Group
Wednesday, May 17 – 8:15 AM - 11:15 AM – Brazoria AB
Gil Amarilo  gamarilo@calit.org.il
Fatma Dedeoglu  fatma.Dedeoglu@childrens.harvard.edu
Sivia Lapidus  sivia.lapidus@atlantichealth.org

Kalpana Manthiram  kalpana.manthiram@nih.gov

(SVARD) Juvenile Scleroderma Working Group Meeting #2 (General Research Updates jLS and JSSc)
Wednesday, May 17 – 8:15 AM - 11:15 AM – Meyerland AB
Suzanne Li  suzanne.li@hackensackmeridian.org
Anne Stevens  anne.stevens@seattlechildrens.org
Kathryn (Cassie) Torok  kathryn.torok@chp.edu

(SVARD) AAV-CTP
Wednesday, May 17 – 1:00 PM - 4:00 PM – Briargrove AB
David Cabral  dcabral@cw.bc.ca
Linda Wagner-Weiner  lw@uchicago.edu
Eric Yen  eyen911@gmail.com

(SVARD) CNO/CRMO
Wednesday, May 17 – 1:00 PM - 4:00 PM – Houston 7
Fatma Dedeoglu  fatma.dedeoglu@childrens.harvard.edu
Polly Ferguson  polly.ferguson@uiowa.edu
Yongdong (Dan) Zhao  yongdong.zhao@seattlechildrens.org

TRANSITION WORKGROUPS
(TRANS) Transition
Tuesday, May 16 – 2:30 PM - 5:30 PM – Meyerland AB
Erica Lawson  erica.lawson@ucsf.edu
Aimee Hersh  aimee.hersh@hs.c.utah.edu
Peter Chira  pchira@ucsd.edu

TRANSLATIONAL RESEARCH AND TECHNOLOGY COMMITTEE WORKGROUPS
(TRRTC) TRRTC Session #1
Tuesday, May 16 – 2:30 PM - 5:30 PM – Briargrove AB
Lauren Henderson  lauren.henderson@childrens.harvard.edu
Jim Jarvis  jamesjar@buffalo.edu
Peter Nigrovic  peter.nigrovic@childrens.harvard.edu

(TRRTC) TRRTC Session #2
Wednesday, May 17 – 8:15 AM - 11:15 AM – Ft Bend A
Lauren Henderson  lauren.henderson@childrens.harvard.edu
Jim Jarvis  jamesjar@buffalo.edu
Peter Nigrovic  peter.nigrovic@childrens.harvard.edu

(TRRTC) TRRTC Session #3
Wednesday, May 17 – 1:00 PM - 4:00 PM – River Oaks
Lauren Henderson  lauren.henderson@childrens.harvard.edu
Jim Jarvis  jamesjar@buffalo.edu
Peter Nigrovic  peter.nigrovic@childrens.harvard.edu
<table>
<thead>
<tr>
<th>Poster #</th>
<th>Type</th>
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<th>Author(s)</th>
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<tbody>
<tr>
<td>1</td>
<td>CARRA Small Grant</td>
<td>Investigation of Pediatric-Onset Cutaneous Lupus</td>
<td>Kaveh Ardalan, Lisa Arkin</td>
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<td>2</td>
<td>CARRA Small Grant</td>
<td>Predicting Early Atherosclerosis in Childhood-Onset SLE (PEACE), and APPLE Sub-study</td>
<td>Jennifer Cooper</td>
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<td>3</td>
<td>CARRA Small Grant</td>
<td>Behavioral Health Provider Perspectives on Mental Health Intervention for Youth with SLE</td>
<td>Andrea Knight</td>
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<td>4</td>
<td>CARRA Small Grant</td>
<td>Medication Discontinuation in JIA: Perspective for Patients and Families</td>
<td>Dan Horton</td>
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<td>5</td>
<td>CARRA Small Grant</td>
<td>Registry-Assisted Dissemination of Mobile Pain Management for Youth with Arthritis</td>
<td>Mark Connelly</td>
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<td>6</td>
<td>CARRA Small Grant</td>
<td>Small Fiber Neuropathy in Juvenile Fibromyalgia</td>
<td>Alexis Boneparth</td>
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<td>7</td>
<td>CARRA Small Grant</td>
<td>PeDRA-CARRA Collaboration JDM Committee</td>
<td>Susan Kim</td>
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<td>8</td>
<td>CARRA Small Grant</td>
<td>PROs and Functional Status Measures in JDM: Part 1</td>
<td>Heather Tory</td>
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<td>9</td>
<td>CARRA Small Grant</td>
<td>Pharmacogenic Predictors of MTX Polyglutamation</td>
<td>Mara Becker</td>
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<td>10</td>
<td>CARRA Small Grant</td>
<td>Pilot Study to Develop Urinary Biomarker of Disease Activity in Chronic Nonbacterial Osteomyelitis</td>
<td>Yongdong (Dan) Zhao</td>
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<td>CARRA Small Grant</td>
<td>Identifying Juvenile Scleroderma Immunophenotype</td>
<td>Kathryn Torok</td>
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<td>12</td>
<td>CARRA Small Grant</td>
<td>Simultaneous Nutritional Assessment and Microbiotic Phenotyping in Kawasaki Disease</td>
<td>Anne Stevens</td>
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<td>13</td>
<td>CARRA Small Grant</td>
<td>Pediatric Autoimmune Encephalitis Network Planning</td>
<td>Eyal Muscal</td>
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<td>Early Renal Outcomes in Pediatric ANCA Associated Vasculitis</td>
<td>Kim Morishita</td>
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<td>15</td>
<td>CARRA Small Grant</td>
<td>Screening for Mood Disorder in Youth with Lupus</td>
<td>Tamar Rubenstein</td>
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<td>16</td>
<td>CARRA Large Grant</td>
<td>The Impact of Mental health Disorders on Medication Adherance &amp; Healthcare Utilization in Youth with Lupus</td>
<td>Andrea Knight</td>
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<td>17</td>
<td>CARRA Large Grant</td>
<td>Clinical and Translational Study of sJIA Associated Pulmonary Disease, A Planning Grant</td>
<td>Elizabeth Mellins, Vivian Saper</td>
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<td>18</td>
<td>CARRA Project</td>
<td>Precision Decisions</td>
<td>Rae Yeung, Ingrid Goh</td>
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<td>Yuki Kimura, Mary Ellen Riordan</td>
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<td>Sarah Ringold</td>
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<td>Tim Beukelman</td>
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<td>PARTNERS</td>
<td>Emily von Scheven, Vincent Del Gaizo</td>
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<td>CARRA Project</td>
<td>PEPR</td>
<td>Laura Schanberg, Emily von Scheven</td>
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<tr>
<td>24</td>
<td>PRSYM Poster</td>
<td>Clinical Features and Frequency of Biologic use in Patients with Juvenile Dermatomyositis-associated Calcinosis</td>
<td>Amir Orandi</td>
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<tr>
<td>Poster #</td>
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<td>PRSYM Poster</td>
<td>Akkermansia Muciniphila May Be Permissive to Arthritis in the K/BxN Mouse Model of Arthritis</td>
<td>Matthew Stoll</td>
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<tr>
<td>26</td>
<td>PRSYM Poster</td>
<td>How Young People with Juvenile Idiopathic Arthritis and Their Caregivers Weigh the Risks of the Disease and its Treatment: A Mixed-Methods Study</td>
<td>Dan Horton</td>
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<td>27</td>
<td>PRSYM Poster</td>
<td>Preliminary Consensus Treatment Plans for Periodic Fever, Aphthous Stomatitis, Pharyngitis and Adenitis: The Foundation for Capturing Treatment Responses in PFAPA from the CARRA PFAPA Subcommittee</td>
<td>Gil Amarilo</td>
</tr>
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<td>28</td>
<td>PRSYM Poster</td>
<td>Novel Serum Broad-Based Proteomic Discovery Analysis Identifies Proteins and Pathways Dysregulated in Juvenile Dermatomyositis (JDM) Myositis Autoantibody Groups</td>
<td>Hanna Kim</td>
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<tr>
<td>29</td>
<td>PRSYM Poster</td>
<td>Examination of Reported Risk Loci from Candidate Gene Studies of Systemic Juvenile Idiopathic Arthritis Identifies Link between IL1RN Variation and both Disease Susceptibility and Response to Interleukin-1 Directed Therapy</td>
<td>Michael Ombrello</td>
</tr>
<tr>
<td>30</td>
<td>PRSYM Poster</td>
<td>Baseline characteristics of the first 123 patients enrolled in the Childhood Arthritis and Rheumatology Research Alliance Start Time Optimization of Biologic Therapy in Polyarticular JIA Comparative Effectiveness Study</td>
<td>Sarah Ringold</td>
</tr>
<tr>
<td>31</td>
<td>PRSYM Poster</td>
<td>Underutilization of Social Workers for Mental Health Care of Adolescents in Pediatric Rheumatology: A Mixed Methods Study</td>
<td>Andrea Knight</td>
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<tr>
<td>32</td>
<td>PRSYM Poster</td>
<td>Exploring the Role of Pediatric Rheumatologists in the Diagnosis and Management of Autoimmune Encephalitis</td>
<td>Eyal Muscal</td>
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<tr>
<td>33</td>
<td>PRSYM Poster</td>
<td>Methotrexate use and route of administration in JIA: Results from the Childhood Arthritis &amp; Rheumatology Research Alliance Registry</td>
<td>Sarah Ringold</td>
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<td>34</td>
<td>PRSYM Poster</td>
<td>Corticosteroid Regimen Use in the Pilot Study of Consensus Treatment Plans for Induction Therapy in Childhood Proliferative Lupus Nephritis</td>
<td>Jennifer Cooper</td>
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<tr>
<td>35</td>
<td>PRSYM Poster</td>
<td>The Lymphocyte Repertoire in Juvenile Dermatomyositis</td>
<td>Lauren Henderson</td>
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<tr>
<td>36</td>
<td>PRSYM Poster</td>
<td>Assessment of Endothelial Dysfunction and Atherogenic Risk Factors in Children with Juvenile Dermatomyositis</td>
<td>Dawn Wahezi</td>
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<tr>
<td>37</td>
<td>PRSYM Poster</td>
<td>Novel Approach to Quantifying Joint Pathology Via Musculoskeletal Ultrasound in Newly Diagnosed Juvenile Idiopathic Arthritis</td>
<td>Leandra Woolnough</td>
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<tr>
<td>38</td>
<td>PRSYM Poster</td>
<td>Disease Burden and Social Impact of Chronic Nonbacterial Osteomyelitis on Affected Children and Young Adults</td>
<td>Melissa Oliver</td>
</tr>
</tbody>
</table>
GRANTS AND FUNDING OPPORTUNITIES FOR CARRA MEMBERS

GRANTS
CARRA offers members various funding and internship opportunities to further research that leverages the CARRA network, positively impacts the pediatric rheumatology scientific community, and advances the CARRA mission. New or early investigators are encouraged to apply and will be afforded special consideration. All CARRA grants and funding opportunities are total cost awards. Additional information regarding the opportunities below is available on the CARRA website (https://carragroup.org/grants-and-funding).

CARRA PUBLICATION SUPPORT GRANTS (UP TO $10,000 EACH)
This funding opportunity is available to researchers to support efforts required to be able to bring existing collaborative research project data to publication. CARRA will award up to 5 grants in 2017. Preference will be given to research that is collaborative in nature and has used CARRA infrastructure. Grants will be considered on a rolling basis until 5 are awarded.

CARRA SMALL GRANTS (UP TO $25,000 EACH)
This opportunity is available to support projects in development. The research project can be a pilot, continuation of ongoing research, or other clinical or translational research project that furthers the CARRA mission. Preference will be given to research that is collaborative in nature, which leverage current CARRA network resources and/or will further develop the CARRA network. CARRA has two small grant submission cycles per year and there is no pre-specified number of grants available. The next due dates are October 1, 2017 and March 1, 2018.

CARRA LARGE GRANTS (UP TO $50,000 EACH)
This funding opportunity supports the development and publication of a clinical or translational project which will immediately impact research projects within CARRA or result in a larger collaborative grant that furthers the CARRA mission. New or early investigators are encouraged to apply and will be afforded special consideration. Applications may be for all-inclusive clinical or translational research projects or pilot/preliminary research projects that if successful, could lead to extramural funding. Preference will be given to submissions which are collaborative and leverage current CARRA network resources or will further develop the CARRA network. CARRA has one large grant submission cycle per year and will award up to 2 projects. Submission of a letter of intent is required by September 1, 2017. Full applications are due October 1, 2017.

FELLOWS GRANT
A new Fellow research grant will be offered once a year, with a deadline of March 1. More details will be provided on the CARRA website soon.

INTERNSHIPS
CARRA currently offers two internships annually: the CARRA Registry Internship and the Research Informatics internship. Applications will be due March 1 and final candidate selections will be made following the annual meeting. The start date for these internships is July 1, 2017.

CARRA REGISTRY INTERNSHIP
The CARRA Registry collects data on patients with pediatric rheumatic diseases. This internship is designed to immerse the applicant in the operational, leadership and scientific aspects of the multicenter observational registry which will be used to answer pressing questions about pediatric rheumatic diseases including medication safety and effectiveness. This is a unique opportunity for the intern to interact intensively with the CARRA Registry leadership team, to learn skills and gain knowledge that will inform pediatric rheumatology research and change practice. CARRA will fund at least one position annually for up to two years.

CARRA RESEARCH INFORMATICS INTERNSHIP
The CARRA Research Informatics Training Internship is intended to advance informatics-related research in pediatric rheumatology by increasing the pool of independent informatics researchers in our field. CARRA will fund up to two positions for up to two years, with the intent of enabling interested faculty and fellows to obtain additional training and project experience in clinical and/or bioinformatics.

TRAVEL AWARDS
CARRA periodically offers competitive funding opportunities for members to receive travel support to attend courses (such as the Utrecht summer school program course entitled “Why Translational Medicine Fails – And What to do About it.”) and international meetings (such as the the Pediatric Rheumatology European Society (PReS) annual meeting and PReS Young Investigator Meeting). Such opportunities are announced in our newsletter and are posted on the CARRA website. Opportunities are announced via the CARRA newsletter and posted on the CARRA website when available.
CARRA LARGE GRANT Awardees

Andrea Knight, Children’s Hospital of Philadelphia: The Impact of Mental Health Disorders on Medication Adherence & Health Care Utilization in Youth with Lupus.

Betsy Mellins & Vivian Saper, Stanford University Medical Center: Clinical and translational investigation of parenchymal lung disease in sJIA: A planning grant.

CARRA SMALL GRANTS ROUND 2 Awardees

Deirdre De Ranieri, University of Chicago: Subclinical Synovitis in Oligoarticular JIA: A Risk Factor for Polyarticular Disease?

Jonathan Hausmann, Boston Children’s Hospital: Continuous Temperature Monitoring to Improve Diagnosis and Treatment of PFAPA

Linda Hiraki, University of Toronto -The Hospital for Sick Children: Discovering Genetic Variants for Early Onset and Familial Lupus in the Thousand Faces of SLE

Amer Khoja, Lurie Children’s Hospital: Can we Predict the Effectiveness of B Cell Depletion after Rituzimab Therapy in Children with JDM?

Susan Kim, UCSF Benioff Children’s Hospital: Crowdsourcing and Improving Assessment of Skin Disease in Pediatric Rheumatology

Lily Lim, University of Manitoba: Identifying Trajectories of Disease Activity States in JIA Early after Treatment: Shortening Time to Decision to Change Treatment

Sherene Mason, Samitri Dogra, Connecticut Children’s Medical Center: Maintenance Therapy Withdrawal of Mycophenolate Mofetil in Pediatric Proliferative Lupus Nephritis: A Multi-Centered Retrospective Cohort Study

Eyal Muscal, Texas Children’s Hospital, Baylor College of Medicine: Developing CTPs and Family-Centered Functional Outcome Measures in Pediatric Autoimmune Encephalitis

Alysha Taxter, Wake Forest Brenner Children’s Medical Center: Optimizing the Electronic Health Record to Capture CARRA Data

Melissa Tesher, University of Chicago, Comer Children's Hospital: Utility of the PSAQ in Assessing for Fibromyalgia in JIA Patients

Marinka Twilt, Alberta Children’s Hospital: Improving Care for Children with Auto-inflammatory Diseases

Patricia Vega-Fernandez, Emory University: Limited vs Comprehensive Standardized Musculoskeletal Ultrasound Examination in JIA

Yongdong (Dan) Zhao, Seattle Children’s Hospital: Standardized Assessment of the Inflammation in Bone and Soft Tissue in Chronic Nonbacterial Osteomyelitis from MRI Images.

CARRA PUBLICATION SUPPORT GRANT Awardees

Emily von Scheven, University of California, San Francisco: A Pilot Study of Consensus Treatment Plans (CTPs) for Induction Therapy in Childhood Proliferative Lupus Nephritis cLN.

Sarah Ringold, Seattle Children’s Hospital: Sequence of Medication Use in JIA.

Suzanne Li, Joseph M. Sanzari Children’s Hospital/Hackensack University Medical Center:
2. Initial Results of the jLS CTP Pilot Study
3. Clinical Assessment Tools for jLS
Champion of Yes
The Arthritis Foundation is the Champion of Yes. We lead the fight for the arthritis community and help conquer everyday battles through life-changing information and resources, access to optimal care, advancements in science and community connections. Our goal is to chart a winning course, guiding families in developing personalized plans for living a full life and making each day another stride towards a cure.

SIGNATURE EVENTS

WALK to CURE ARTHRITIS

Jingle Bell Run

OUR FOUR PILLARS

JUVENILE ARTHRITIS (JA)
The Arthritis Foundation is boldly leading the fight against JA and childhood rheumatic diseases. Together, we can look forward to saying Yes from here on out. Yes to running. Yes to playing. Yes to just being a kid.

SCIENTIFIC DISCOVERY
The Arthritis Foundation continues to lead and fund cutting-edge scientific investigations to discover more about arthritis—what causes it, what affects it, what can stop it—and what can keep it from developing in the first place.

HELP & SUPPORT
Our goal is to help you live life to its fullest. Through personalized information and support, we expertly guide people with arthritis in developing a customized plan for how to say Yes and make every step another victory.

ADVOCACY & ACCESS
We are the authority on arthritis and have a strong voice at the state and federal levels. We work to make sure all people with arthritis have access to optimal care and game-changing medicine.

For more information, please visit arthritis.org.
ACKNOWLEDGEMENTS

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Roche
Scleroderma Foundation
SAVE THE DATE for 2018!

April 12 - 15, 2018
Denver, CO
Hyatt Regency Denver

We hope to see you there!

CARRA
Childhood Arthritis and Rheumatology Research Alliance