



2015 ACR/ARHP ANNUAL MEETING Preliminary Program Brochure

San Francisco, California

Pre-meeting Courses November 6-7, 2015

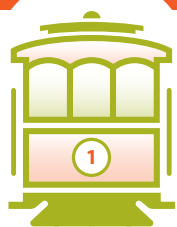
Scientific Sessions November 7-11, 2015

Brochure contains:

- Pre-Meeting Courses:** including course overviews, learning objectives, educational tracks, session and talk titles, dates and times.
- Meeting-at-a-Glance by Track:** including sessions listed by educational track, dates and times.
- Meet the Professor and Workshop Sessions:** including topics, speakers, dates and times.

Note: This is a preliminary program and the sessions listed in this brochure are subject to change.

Register now: ACRannualmeeting.org



EDUCATIONAL TRACK DESIGNATIONS

Educational tracks are designed to help identify content targeted to your area of specialty and interest.

Tracks include:



Basic Science

This track is designed for **researchers** and **academicians** pursuing cutting-edge science.



Business/Administration

This track will assist **practice managers, clinicians** and **health professionals** searching for information or guidance on issues impacting the business side of rheumatology practice.



Clinical Practice

This track is geared towards **clinicians** and **health professionals** seeking practical applications in the patient-care setting.



Clinical Science

This track is intended for **researchers, clinicians** and **health professionals** looking for the latest research findings and their practical treatment applications.

Sub-tracks Include:



Educators

This sub-track indicates sessions that will be of value to **educators, program directors** and **division chiefs**.



Fellows-in-Training

This sub-track identifies sessions that may be of interest to **fellows-in-training** or **medical students**.



Pediatrics

This sub-track is aimed toward **pediatric rheumatologists** and **health professionals**, and highlights sessions that contain content relative to the care, treatment and research of childhood or juvenile rheumatologic diseases and disorders.



Practice Management

This sub-track provides **practice managers** with in-depth training that focuses on practical skills needed to keep rheumatology practices current with medical coding updates, compliance rules and Federal regulations.

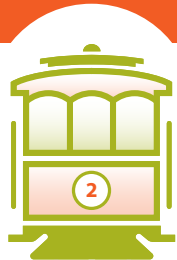


NEW THIS YEAR!

TechMed

This sub-track targets all **rheumatologists** and **health professionals** with an interest in advancing their profession and patient care using social media outlets and technological tools.





PRE-MEETING COURSES – BY COURSE TITLE

Pre-meeting courses require a separate registration fee.

AAMC Medical Education Research Certificate (MERC) Workshop: Qualitative Data Collection and Analysis Methods

Saturday, Nov. 7

9:00 AM – 4:00 PM

This workshop is not eligible for CME credit.

Qualitative Data Collection

Session Overview:

This workshop is intended for physicians and generalists in medical education, as well as faculty and staff involved in student affairs, who wish to develop perspectives and skills for collecting qualitative data, such as data from focus group discussions, interviews, observation field notes, and responses to open-ended questions—used in admissions processes, program development, curriculum evaluation, needs assessments, performance evaluation, and various scholarship and research applications.

Upon completion of this session, participants should be able to:

- demonstrate applied knowledge of the appropriate selection, use, and standards for rigor of some common methods for collection of qualitative data
- generate research questions appropriate for qualitative studies and choose appropriate data collection methods
- demonstrate applied knowledge of approaches to achieve rigor in the design of qualitative studies and collection of qualitative data
- demonstrate essential skills required for conducting focus groups

Analysis Methods

Session Overview:

This workshop will provide participants with an overview of the purposes, uses, and standards for rigor of qualitative research methods; and will offer an opportunity for skill development in design of a small qualitative study and analysis of qualitative data.

Upon completion of this session, participants should be able to:

- describe the purposes and uses of qualitative methods in medical education
- characterize the paradigms, research designs, data collection methods and types of data associated with qualitative research methods
- analyze qualitative data, by identifying themes in data sets; apply standards for rigor to evaluate qualitative evaluation or research studies; design a small qualitative study

ACR Advanced Rheumatology Coding and Clinical Documentation Improvement

Friday, Nov. 6

9:00 AM – 5:00 PM

Course Overview:

This hands-on coding workshop is designed to teach rheumatologists, practice managers and rheumatology coding professionals how to become proficient in the procedural and diagnosis coding system. In-depth coding education is necessary to achieve coding compliance and attain optimal reimbursement while preventing fraud and abuse. In this course, attendees will learn about the history, structure, and format of CPT, ICD-9-CM and ICD-10-CM. Individuals will identify the difference between ICD-10-CM and ICD-9-CM as well as how to apply the new coding hierarchy, conventions and guidelines to rheumatology diagnostic code assignment.

Upon completion of this session, participants should be able to:

- exhibit proficiency in adjudicating claims for accurate medical coding for diagnoses, procedures and services in physician-based settings
- display proficiency across a wide range of services, which include evaluation and management, surgical services, radiology, pathology and medicine
- demonstrate knowledge of medical coding rules and regulations including compliance and reimbursement

The Fundamentals of Clinical Documentation Improvement

The Elements of E/M and DX Coding

ACR Basic Research Conference: Pathways of Inflammation and Resolution

Friday, Nov. 6

1:00 – 6:00 PM

Course Overview:

This conference will address the pathways responsible for initiation and resolution of inflammation within the context of rheumatic diseases. The sessions will guide the attendee through the genetic and environmental moderators of inflammatory processes, the different cellular mediators of innate immunity including neutrophils and macrophages, metabolic influences of the inflammatory process, temporal changes in lipid mediators that promote resolution of inflammation, and how innate immunity can lead directly to autoimmunity. There will be a major emphasis on the evolving understanding of the temporal nature of the inflammatory process with a focus on how failure of resolution can lead to autoimmune diseases such as rheumatoid arthritis and lupus.



PRE-MEETING COURSES – BY COURSE TITLE

Pre-meeting courses require a separate registration fee.

Upon completion of this course, participants should be able to:

- identify the interactions between inflammation and autoimmunity in rheumatic diseases
- explain the mechanisms associated with resolution of inflammation and immune injury

Session I: Environmental Factors Set the Scene

Introduction

Environmental Risk Factors for Inflammatory Rheumatic Diseases

Keynote Lecture: The Intersection of Genes and Environment in Rheumatoid Arthritis

Infectious Triggers

Session II: Neutrophils Light the Fire

Neutrophils in Autoimmunity

Neutrophil Extracellular Traps and Anti-citrullinated Protein Antibody

Neutrophil Extracellular Traps in Resolution of Gout

Saturday, Nov. 7

7:45 AM – 4:30 PM

Session III: Metabolism Supports and Extends

Introduction

Dendritic Cells and Lipolysis

Hypoxia in Inflammation

Metabolomics in Chronic and Acute Inflammation

Session IV: Lipids Set the Balance

n-3 Fatty Acids and Inflammation

Pro-resolving Lipid Mediators

Prostaglandins in Innate and Acquired Immunity

Session V: Macrophages Respond, Sustain, and Resolve

Macrophage-fibroblast Interaction in the Synovium

Macrophage Subtypes in the Synovium

Tristetraprolin and Macrophage Resolution

Abstract Presentations

Session VI: Resolution or Disease

Toll-like Receptors, Mast Cells, and Anti-citrullinated Protein Antibodies

Complement and Autoimmunity

The Role of Interferons in Lupus

ACR Clinical Research Conference: Improving Long-Term Outcomes of Rheumatic Disease

Friday, Nov. 6

1:00 – 6:00 PM

Course Overview:

Therapeutic advances over the past decade have improved function and quality of life for many patients with systemic rheumatic diseases. The ability to track patient long-term outcomes, both disease and patient-centered, has also increased dramatically, in parallel with the improved treatment responses. Measurement of long-term outcomes can provide insights into how patients feel, act and function and these data that will facilitate optimization of therapy at all levels. Rheumatologists, trainees, patients, researchers and stakeholders must work together to develop outcome measures and methodologies that promote collection and analysis of outcome data to improve developmental therapeutics and clinical practice.

Members of the American College of Rheumatology expressed a need to learn more about long-term outcomes in rheumatic diseases. To address this need, this session will feature three main sections: methodologies to improve long-term data collection and analysis, long-term outcomes in specific disorders and practical applications focused on how to incorporate long-term data collection in the practice and research setting.

Upon completion of this course, participants should be able to:

- describe methods to analyze long-term outcomes from both the patient and disease-centered perspectives
- outline available resources for tracking outcomes
- discuss long-term outcome instruments and available registries for specific rheumatic diseases
- implement collection of long-term outcome data in clinical practice or the research setting through the use of novel technologies, practical application including the use of electronic medical records and participation in training opportunities

Session I: Methodologies

Introduction

Keynote Lecture: Introduction to Outcomes

Measuring Outcomes Including Pitfalls and Barriers

Patient Based Data Sets (CORRONA; Practical Application of Methodology)

Resources for Tracking Outcomes

Data for Tracking Outcomes: Imaging and Biomarker Data

Outcomes Research Using Electronic Medical Record

Overview of Patient-Reported Outcomes: What Are They and How Do You Work With Them?

Patient-Reported Outcomes Measurement Information System (PROMIS)



PRE-MEETING COURSES – BY COURSE TITLE

Pre-meeting courses require a separate registration fee.

Saturday, Nov. 7

7:45 AM – 4:30 PM

Session II: Disease Oriented

Introduction
Vasculitis
Inflammatory Arthritis
Osteoarthritis
Lupus
Pediatric Rheumatic Diseases
Transition From Pediatric to Adult Care

Session III: Looking to the Future – Practical Applications

Measurement Versus Improvement in Long-term
Outcomes
Cost and Healthcare Utilization
Novel Technologies
Training Opportunities

ACR Maintenance of Certification (MOC) Annual Meeting Course

Friday, Nov. 6

1:00 – 4:30 PM

Course Overview:

The American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program requires all physicians to earn 100 points every five years. The MOC Annual Meeting Course is both a live and online activity that supports physicians in completing 10 MOC points in Medical Knowledge. The ABIM's Update in Rheumatology for 2015 will be covered by clinical experts while you test your understanding through case-based questions.

Upon completion of this session, participants should be able to:

- assess strengths and weaknesses in rheumatology medical base knowledge
- state major developments in rheumatology over the past ten years
- satisfy a self-evaluation requirement for the American Board of Internal Medicine Maintenance of Certification program

ACR Musculoskeletal Ultrasound Course for Rheumatologists

Friday, Nov. 6 – Saturday, Nov. 7

7:45 AM – 4:30 PM

Course Overview:

Musculoskeletal ultrasound has been an imaging modality of continuously growing importance over the last 15 years. Of all imaging modalities in rheumatology, ultrasound receives the greatest attention by rheumatologist researchers. More papers on musculoskeletal ultrasound are being published by rheumatologists than by any other specialty.

Trained rheumatologists can agree more readily on ultrasound findings than musculoskeletal radiologists can on magnetic resonance imaging findings, based on available literature. This suggests that operator dependency is less of a concern for rheumatologists, if they are adequately trained. However, such training opportunities continue to be scarce in the United States. This course is designed to help address the need for additional education.

Upon completion of this session, participants should be able to:

- demonstrate proper ultrasound exam technique and procedure guidance applying standardized protocols
- identify and describe normal sonographic anatomy and fundamental pathology for rheumatology indications
- explain the requirements for documentation related to musculoskeletal ultrasound

ACR Practice Management Pre-meeting Course: Transforming Theory Into Practice

Saturday, Nov. 7

9:00 AM – 4:00 PM

Course Overview:

Like in any small business, skilled management of a medical practice is often the difference between staggering and thriving. The practice management model was created to solidify the roles of personnel who are responsible for making key business and management decisions. The symbiotic relationship between a physician and a practice manager creates a practice that is fiscally sound and efficient in its operations.

Upon completion of this course, participants should be able to:

- discuss upcoming healthcare reform and regulatory compliance provisions and how they may affect practice operations and patient access
- apply information learned from case studies to team approaches, staff management, and strategic planning in the office and ASC setting
- develop strategies to improve practice efficiency and service quality





PRE-MEETING COURSES – BY COURSE TITLE

Pre-meeting courses require a separate registration fee.

Emerging Payment Model

Upon completion of this session, participants should be able to:

- discuss the payment changes that will impact medical practices in the future
- determine when to expect implementation of new payment models and initiatives for Medicare and private payers
- list the key elements of pending Medicare and private payers payment models and programs

Office of Inspector General Audits and Compliance

Upon completion of this session, participants should be able to:

- explain the prevention and preparation for an OCR audit
- identify privacy and security program vulnerabilities and employ strategies to mitigate risk
- demonstrate healthcare information technology security best practices

Optimizing Clinical Productivity and Revenue Cycle

Upon completion of this session, participants should be able to:

- identify established industry benchmarks to assess and monitor key performance metrics to determine whether or not your professional fee billing operations are working well
- examine what information and metrics are critical to establish accountability and achieve results in the revenue cycle
- identify traditional revenue cycle processes that represent weak spots

Practice Management 101

Upon completion of this session, participants should be able to:

- analyze common pitfalls in practice management and identify how to avoid them
- discuss key steps to recover from medical practice management mistakes and implement administrative policies
- rethink and identify how resources and technology can be utilized to achieve greater success

Understanding Resource-Based Relative Value Scale Impact on Practice

Upon completion of this session, participants should be able to:

- explain relative value scales and different relative value unit components on procedural coding
- establish practical Resource-Based Relative Value Scale (RBRVS) applications for rheumatology practices
- discuss role of RBRVS and practice efficiency, cost accounting and fee schedules

Prevent Compliance Breaches

Upon completion of this session, participants should be able to:

- discover the most common compliance and privacy breaches that affect physician practices
- organize and prepare compliance policies and procedures to prevent the most common privacy breaches
- identify and outline terms and contractual agreements for all business associate vendors

ACR Review Course

Saturday, Nov. 7

8:00 AM – 4:00 PM

Central Nervous System Manifestations of Rheumatic Diseases

Session Overview:

Rheumatologists are often asked to evaluate patients with central nervous system (CNS) disease suspected to be related to an underlying rheumatic disease. The goal of this discussion is to assist the rheumatologist in constructing an appropriate differential diagnosis, and in ordering and interpreting appropriate laboratory and imaging studies to distinguish various rheumatic disease-associated CNS syndromes.

Upon completion of this session, participants should be able to:

- define the spectrum of central nervous system (CNS) syndromes occurring in rheumatic diseases
- distinguish whether a CNS syndrome is attributable to an underlying rheumatic disease versus a competing co-morbidity
- formulate a diagnosis and treatment plan, incorporating results from laboratory and neuroimaging testing

Lupus Nephritis: An Experience in the Mixed Martial Arts

Session Overview:

Nephritis is a poor prognostic indicator in systemic lupus with high risk for progression to end stage renal failure. Current diagnostic and treatment practices are inadequate in preventing progressive kidney damage, and carry a significant burden of toxicities. Although there have been modest advances in learning to select and use standard of care therapies, our clinical state of the art lags far behind the important pathophysiologic insights of recent years. This talk will review current evidence that may help in selecting and monitoring treatments today as well as the rationale for new options on the horizon.





PRE-MEETING COURSES – BY COURSE TITLE

Pre-meeting courses require a separate registration fee.

Upon completion of this session, participants should be able to:

- review the evidence for efficacy and expected toxicities of current lupus nephritis treatments
- cite the limited but best available evidence base behind current treatment approaches for different patient subsets
- discuss new understanding of nephritis pathology and how this may support novel experimental approaches to treatment

Metabolic Myopathies: A Hybrid Approach to Diagnosis and Management

Session Overview:

Rheumatologists commonly see patients with complaints of muscle pain and/or weakness. The purpose of this discussion is to review the spectrum of metabolic myopathies, and provide rheumatologists the clinical skills to distinguish metabolic myopathies from other myopathies, and to differentiate the various metabolic myopathies on the basis of clinical findings and metabolic studies.

Upon completion of this session, participants should be able to:

- discuss the sources of energy for muscle
- describe a systematic diagnostic approach to the patient presenting with a suspected metabolic myopathy, correlating defects in energy production pathways with symptoms and laboratory studies
- summarize available therapies for patients with metabolic myopathies

Extra-Pulmonary Manifestations of Sarcoidosis

Session Overview:

Sarcoidosis is a multisystem disorder for which rheumatologists are frequently consulted to assist in management. These patients commonly see multiple specialists for specific organ involvement; however, treatment decisions may be made by the rheumatologist, who must be knowledgeable about clinical manifestations and current treatment approaches.

Upon completion of this session, participants should be able to:

- review the pathogenesis, presentation and clinical course of sarcoidosis
- discuss the extra-pulmonary manifestations of sarcoidosis
- describe the therapeutic advances and future prospects for treatment of sarcoidosis

The Inflammasome: From Bench to Bedside

Session Overview:

The concept of autoinflammation is a relatively recent development and it is distinct from autoimmunity. This review will focus on the molecular characterization of the autoinflammatory disorders and the role that the inflammasome plays in the pathogenesis of these conditions.

Clinical features that alert the clinician to these conditions will be described.

Upon completion of this session, participants should be able to:

- describe IL-1 mediated autoinflammatory diseases and the role of the inflammasome
- discuss novel inflammasome mediated diseases (a distinct role of IL-18 and macrophage activation syndrome)
- discuss non-IL-1 mediated autoinflammatory diseases (with focus on the IFN-mediated autoinflammatory diseases CANDLE and SAVI)

Evolving Treatments for Amyloidosis

Session Overview:

The systemic and multi-organ involvement due to amyloidosis can present in myriad ways- not surprisingly, rheumatologists are often asked to evaluate patients who may have this disorder. This talk will review the clinical manifestations, physical exam and laboratory findings of amyloidosis. A rational approach to imaging and tissue biopsy will also be discussed. Associated disorders and comorbidities will be emphasized. The management and treatment options will be carefully reviewed.

Upon completion of this session, participants should be able to:

- identify common presentations for amyloidosis, keying on under diagnosed hereditary forms
- gain familiarity with appropriate and cost-effective evaluation of this disorder
- acquire expertise in evaluating tissue biopsy material and laboratory results for amyloidosis
- review the various treatment options in development for hereditary transthyretin amyloidosis

An Overview of Behçet's Disease in Children and Adolescents

Session Overview:

Over the past few decades the geographic map of Behçet's disease (BD) has greatly enlarged. Behçet's disease shares features with many other more commonly seen rheumatologic disorders and it is imperative that rheumatologists become familiar with the clinical, laboratory and pathologic features of BD that serve to distinguish it from these other conditions. In addition, this review will include a discussion of how BD affects pediatric and adolescent populations.

Upon completion of this session, participants should be able to:

- identify the presentation of Behçet's disease (BD) and distinguish this disorder from other rheumatologic syndromes that it may mimic
- explain how BD affects children and young adults
- manage the diagnostic evaluation of BD
- outline the various treatment options available for BD



PRE-MEETING COURSES – BY COURSE TITLE

Pre-meeting courses require a separate registration fee.

A Rational Approach to Dermatology for the Rheumatologist

Session Overview:

Cutaneous lesions are frequently identified in patients who present to rheumatologists. They often provide critical clues that help in establishing the diagnosis of specific rheumatologic conditions. This review will focus on demonstrating a variety of skin lesions that are often seen in patients who are being evaluated in the rheumatology clinic. The dermatopathologic findings will also be highlighted. A rational approach to properly identifying and managing skin lesions will be carefully reviewed.

Upon completion of this session, participants should be able to:

- identify skin lesions associated with underlying rheumatic diseases or their treatment
- discuss the proper approach to characterizing a variety of skin changes that provide helpful clinical clues to the clinician
- review the dermatopathology of specific cutaneous disorders and be capable of formulating a rationale classification format
- identify the proper use of topical agents and systemic therapies for various cutaneous disorders

ARHP Clinical Focus Course: Clinical Advances in Rheumatologic Diseases: A Case-based Approach

Saturday, Nov. 7

8:00 AM – 4:15 PM

Course Overview:

Rapid scientific advances in diagnosis and clinical management require rheumatology healthcare professionals to stay up-to-date in numerous areas in order to provide optimal patient care. This can be a challenge for busy clinicians. In a 2014 survey, ARHP members identified top educational needs including a review of new rheumatology medications, impact of co-morbidities, heightened understanding of lab tests, systemic lupus erythematosus, and polymyositis/dermatomyositis. This workshop will highlight the most recent advances in common rheumatologic diseases of adults and children. Attendees will immediately apply the information through small group, interactive interprofessional case discussions.

Upon completion of this course, participants should be able to:

- discuss the latest advances in clinical diagnosis, pathogenesis and interventions for selected rheumatologic diseases
- evaluate a given case and apply evidence to recommend assessment and management of selected rheumatologic diseases
- describe contributions of a variety of healthcare disciplines in management of selected rheumatologic diseases

What Is the Latest Breaking in Rheumatoid Arthritis?

What Is the Latest Breaking in Osteoarthritis?

Latest and Greatest – Juvenile Idiopathic Arthritis

Inter-professional Case Discussion

Adult and Pediatric Systemic Lupus Erythematosus

Inter-professional Case Discussion for Adult and Pediatric Systemic Lupus Erythematosus

Polymyositis and Dermatomyositis – Adult and Pediatric

Inter-professional Case Discussion for Adult and Pediatric Polymyositis/Dermatomyositis



*The goal of the **ACR Review Course** is to assist the rheumatologist in constructing an appropriate differential diagnosis, and in ordering and interpreting appropriate laboratory and imaging studies.*





MEETING-AT-A-GLANCE BY TRACK

TRACK ONE

B Basic Science

PRE-MEETING COURSES

Pre-meeting courses require a separate registration fee.

FRIDAY, NOV. 6

1:00 – 6:00 PM ACR Basic Research Conference: Pathways of Inflammation and Resolution – Day 1 of 2

SATURDAY, NOV. 7

8:00 AM – 4:15 PM ACR Basic Research Conference: Pathways of Inflammation and Resolution – Day 2 of 2

9:00 AM – 4:00 PM AAMC Medical Education Research Certificate (MERC) Workshop: Qualitative Data Collection and Analysis Methods
This workshop is not eligible for CME credit.

SCIENTIFIC SESSIONS

SUNDAY, NOV. 8

7:30 – 8:30 AM *Rheumatology Research Foundation* Philip Hench, MD, Memorial Lecture
The Interferonopathies

8:30 – 10:00 AM Neutrophils in Inflammation

8:30 AM – 6:00 PM ACR Poster Session A and Poster Tours
Although there is no fee to participate in guided poster tours, pre-registration is required.

9:00 – 11:00 AM
Poster Presentations

9:00 – 9:45 AM and 10:15 – 11:00 AM
Guided Poster Tours

SUNDAY, NOV. 8 (continued)

10:00 AM – 5:00 PM Exhibits
Exhibits and Innovation Theater are not eligible for CME credit.

10:30 – 11:15 AM, 12:30 – 1:15 PM and 2:30 – 3:15 PM

Innovation Theater A

11:30 AM – 12:15 PM, 1:30 – 2:15 PM and 3:30 – 4:15 PM

Innovation Theater B

11:00 AM – 12:30 PM ACR Plenary Session I: Discovery 2015

1:00 – 2:00 PM Gender Differences in Pain Mechanisms
Immunology Update on B Cell Biology
Platelets as Immune Sensors and Effectors: New Biology

2:30 – 4:00 PM Novel Roles for the Inflammasome in the Pathogenesis of Autoimmune Diseases
ACR and ARHP Concurrent Abstract Sessions

4:30 – 6:00 PM Biosimilars in Rheumatology
Function of Non-coding Ribonucleic Acid
ACR and ARHP Concurrent Abstract Sessions

MONDAY, NOV. 9

7:30 – 8:30 AM Negative Regulation of Inflammation in Autoimmunity

8:30 – 10:00 AM Genetics and Epigenetics in Osteoarthritis: Update 2015

8:30 AM – 6:00 PM ACR/ARHP Poster Session B and Poster Tours
Although there is no fee to participate in guided poster tours, pre-registration is required.

9:00 – 11:00 AM
Poster Presentations
9:00 – 9:45 AM and 10:15 – 11:00 AM
Guided Poster Tours

9:00 – 10:00 AM T Cell-based Treatments: The Next Generation of Immunotherapies



MEETING-AT-A-GLANCE BY TRACK

Basic Science (continued)

MONDAY, NOV. 9 (continued)	
10:00 AM – 5:00 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM, 12:30 – 1:15 PM and 2:30 – 3:15 PM Innovation Theater A 11:30 AM – 12:15 PM, 1:30 – 2:15 PM and 3:30 – 4:15 PM Innovation Theater B
11:00 AM – NOON	Regulatory Dendritic Cells in Inflammation
11:00 AM – 12:30 PM	ACR Plenary Session II: Discovery 2015
1:00 – 2:00 PM	Pathways of Innate Immune System Activation by Nucleic Acid <i>Rheumatology Research Foundation Oscar S. Gluck, MD, Memorial Lecture</i>
2:30 – 3:30 PM	Immunology Update on Cytokine Signaling in Rheumatic Disease
2:30 – 4:00 PM	Tumor Necrosis Factor (TNF) and Beyond: The TNF–Tumor Necrosis Factor Receptor Cytokine Superfamily From Bench to Bedside ACR and ARHP Concurrent Abstract Sessions
4:30 – 5:30 PM	Fibrosis and New Therapeutic Approaches
4:30 – 6:00 PM	Osteoimmunology: Cross-talk Between Bone and Immune Cells ACR and ARHP Concurrent Abstract Sessions

TUESDAY, NOV. 10	
8:30 – 10:00 AM	Novel Approaches for Intra-articular Arthritis Therapy
8:30 AM – 6:00 PM	ACR/ARHP Poster Session C and Poster Tours <i>Although there is no fee to participate in guided poster tours, pre-registration is required.</i> 9:00 – 11:00 AM Poster Presentations 9:00 – 9:45 AM and 10:15 – 11:00 AM Guided Poster Tours
9:00 – 10:00 AM	<i>Rheumatology Research Foundation Memorial Lecture Honoring Dr. L. Emmerson Ward: Rheumatoid Arthritis (RA) Mechanisms and Predictors of Pre-Clinical RA</i>
10:00 AM – 2:30 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM and 12:15 – 1:00 PM Innovation Theater A 11:30 AM – 12:15 PM and 1:30 – 2:15 PM Innovation Theater B
11:00 AM – 12:30 PM	ACR/ARHP Plenary Session III: Discovery 2015
1:00 – 2:00 PM	Immunology Update on Immunological Mechanisms in Sjögren's
1:00 – 2:00 PM	Utilizing Big Data to Advance Rheumatology
2:30 – 4:00 PM	Next Generation Sequencing: A Novel Tool for Genomic Discovery ACR Late-breaking Abstract Session ACR and ARHP Concurrent Abstract Sessions
4:30 – 6:00 PM	Novel Mechanisms in Myopathy ACR and ARHP Concurrent Abstract Sessions





MEETING-AT-A-GLANCE

BY TRACK

Basic Science (continued)

WEDNESDAY, NOV. 11

7:30 – 8:30 AM	Immunology Update on Adaptive Immunity: Immune Regulation and Tolerance Use of Individual Cell and Cell Subset Transcriptomes as Biomarkers of Disease  
9:00 – 10:30 AM	T Follicular Cells and Their Mediators ACR and ARHP Concurrent Abstract Sessions
11:00 AM – 12:30 PM	Novel T Cell Subsets ACR and ARHP Concurrent Abstract Sessions

TRACK TWO

B/A Business/Administration

PRE-MEETING COURSES

Pre-meeting courses require a separate registration fee.

FRIDAY, NOV. 6

9:00 AM – 5:00 PM	ACR Advanced Rheumatology Coding and Clinical Documentation Improvement 
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SATURDAY, NOV. 7

8:00 AM – 4:00 PM	ACR Practice Management Pre-meeting Course: Transforming Theory Into Practice 
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SCIENTIFIC SESSIONS

SATURDAY, NOV. 7

4:30 – 6:15 PM	Opening Lecture and Awards Opening Lecture: Education at Scale: Beyond an Experiment  Lecturer: Daphne Koller, PhD
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SUNDAY, NOV. 8

9:00 – 10:00 AM	Legislative Update 
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SUNDAY, NOV. 8 (continued)

10:00 AM – 5:00 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM, 12:30 – 1:15 PM and 2:30 – 3:15 PM Innovation Theater A 11:30 AM – 12:15 PM, 1:30 – 2:15 PM and 3:30 – 4:15 PM Innovation Theater B
11:00 AM – Noon	 Navigating Insurance and Prior Authorization 
2:30 – 4:00 PM	 How to Manage Difficult Conversations in Your Practice 
4:30 – 6:00 PM	 Vaccinations: Update and Controversies 

MONDAY, NOV. 9

8:30 – 10:00 AM	RISE Registry: How Is It Impacting Patient Care?  
10:00 AM – 5:00 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM, 12:30 – 1:15 PM and 2:30 – 3:15 PM Innovation Theater A 11:30 AM – 12:15 PM, 1:30 – 2:15 PM and 3:30 – 4:15 PM Innovation Theater B
1:00 – 2:00 PM	An Hour Well Spent: Successful Stories of Members Enhancing Patient Care Through State Advocacy 
2:30 – 3:30 PM	Demonstrating the Value of Rheumatology Within Various Payment Models for Practice   Where Is the Money: Funding for Rheumatology Training and Research
4:30 – 6:00 PM	Career Opportunities in Rheumatology: Making a Choice  Group Practice Without Walls  



MEETING-AT-A-GLANCE

BY TRACK

Business/Administration (continued)

TUESDAY, NOV. 10

9:00 – 10:00 AM Medical Education: The Tension Between Emerging Needs and Enduring Values

10:00 AM – 2:30 PM Exhibits
Exhibits and Innovation Theater are not eligible for CME credit.
10:30 – 11:15 AM and 12:15 – 1:00 PM Innovation Theater A
11:30 AM – 12:15 PM and 1:30 – 2:15 PM Innovation Theater B

1:00 – 2:00 PM Government Affairs

2:30 – 3:00 PM ACR Business Meeting
This session is not eligible for CME credit.

TRACK THREE

Clinical Practice

PRE-MEETING COURSES

Pre-meeting courses require a separate registration fee.

FRIDAY, NOV. 6

7:45 AM – 5:30 PM ACR Musculoskeletal Ultrasound Course for Rheumatologists – Day 1 of 2

1:00 – 6:00 PM ACR Maintenance of Certification (MOC) Annual Meeting Course
This course is not eligible for CME credit.

SATURDAY, NOV. 7

7:15 AM – 5:50 PM ACR Musculoskeletal Ultrasound Course for Rheumatologists – Day 2 of 2

8:00 AM – 4:15 PM ARHP Clinical Focus Course: Clinical Advances in Rheumatologic Diseases: A Case-based Approach

SCIENTIFIC SESSIONS

SUNDAY, NOV. 8

7:45 – 9:15 AM ACR Meet the Professor Sessions
For more information see the Meet the Professor Listing on page 18.

7:45 – 9:45 AM ACR/ARHP Workshops
For more information see the Workshop Listing on page 20.

8:30 – 10:00 AM Hot Topics in Osteoarthritis: Nutraceuticals, Narcotic Analgesics and Behavioral Interventions

9:00 – 10:00 AM Can We Replace Warfarin? An Update on the Direct Oral Anticoagulants
 ARHP Keynote Address: Movement-Based Expressive Arts to Teach About Cultural Humility and Resiliency
Lecturer: Vivian R. Chavez, DrPH, MPH

10:00 AM – 5:00 PM Exhibits
Exhibits and Innovation Theater are not eligible for CME credit.
10:30 – 11:15 AM, 12:30 – 1:15 PM and 2:30 – 3:15 PM Innovation Theater A
11:30 AM – 12:15 PM, 1:30 – 2:15 PM and 3:30 – 4:15 PM Innovation Theater B

10:30 AM – 12:30 PM ACR/ARHP Workshops
For more information see the Workshop Listing on page 20.

11:00 AM – Noon Update in Antibody Testing: Clinical Significance of Antinuclear and Anti-Neutrophil Cytoplasmic Antibodies

12:30 – 2:00 PM CARE: MOC Session – Nonarticular and Regional Musculoskeletal Disorders (Session 1 of 3)

12:45 – 2:15 PM ACR Meet the Professor Sessions
For more information see the Meet the Professor Listing on page 18.

1:00 – 2:00 PM Medical Education: The Year in Review – Cultivating the Competent Clinician Educator
Vasculitis Mimics



MEETING-AT-A-GLANCE

BY TRACK

Clinical Practice (continued)

SUNDAY, NOV. 8 (continued)

1:15 – 3:15 PM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>
2:30 – 4:00 PM	Tech Tools for Rheumatologists The Great Debate: Long-term, Low-dose Corticosteroid Use in the Treatment of Rheumatoid Arthritis The Red, the White and the Blue: Digital Color Changes and the Rheumatologist Patient Advocacy: Patient and Professional Perspectives Practicalities of Pain Management Psychoneuroimmunology: The Brain–Behavior Connection
4:00 – 6:00 PM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>
4:30 – 6:00 PM	ACR Thieves' Market: Show Me Your Best Cases ACR Meet the Professor Sessions <i>For more information see the Meet the Professor Listing on page 18.</i> Emotional Distress: Tips to Help Your Patients Exercise After Total Knee Arthroplasty: Progressive Resistance Pediatric Lupus Transitional Care: An Interactive Experience

MONDAY, NOV. 9

7:30 – 8:30 AM	Maintenance Therapy in ANCA–Associated Vasculitis: Evaluation and Treatment of Patients in Remission
7:45 – 9:15 AM	ACR Meet the Professor Sessions <i>For more information see the Meet the Professor Listing on page 18.</i>
7:45 – 9:45 AM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>
8:30 – 10:00 AM	Nuts and Bolts of Macrophage Activation Syndrome

MONDAY, NOV. 9 (continued)

9:00 – 10:00 AM	Fatty Liver and the Rheumatology Patient How to Make Learning More Effective: New Insights Into the Science of Learning and Application to Teaching ARHP Distinguished Lecturer: Reclaim Life! Celebrating 50 Years of Advances in Rheumatology Health Professional Practice
10:00 AM – 5:00 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM, 12:30 – 1:15 PM and 2:30 – 3:15 PM Innovation Theater A 11:30 AM – 12:15 PM, 1:30 – 2:15 PM and 3:30 – 4:15 PM Innovation Theater B
10:30 AM – 12:30 PM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>
11:00 AM – Noon	Debate: Opioids for the Treatment of Chronic Non-cancer Pain... Use or Abuse? Getting Patients Back to Work: Resources for Clinicians Psychosocial Components of Living with Psoriasis
12:30 – 2:00 PM	CARE: MOC Session – Nonrheumatic and Systemic Diseases and Crystal–Induced Arthropathies (Session 2 of 3)
12:45 – 2:15 PM	ACR Meet the Professor Sessions <i>For more information see the Meet the Professor Listing on page 18.</i>
1:00 – 2:00 PM	Current State of the Art in Spondyloarthritis (SpA): Tough Questions Your SpA Patients Might Ask You
1:15 – 3:15 PM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>



MEETING-AT-A-GLANCE BY TRACK

Clinical Practice (continued)

MONDAY, NOV. 9 (continued)

2:30 – 4:00 PM	Curbside Consults: Ask the Professors Evidence Based Assessment and Treatment Options for Interstitial Lung Disease in Patients With Systemic Sclerosis Implementing Support Programs Into Your Practice: Model Support Programs Pain in the Older Adult: An International Perspective on Improving Quality of Life Pregnancy and Infertility in Rheumatic Disease
4:00 – 6:00 PM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>
4:30 – 6:00 PM	ACR Meet the Professor Sessions <i>For more information see the Meet the Professor Listing on page 18.</i> Ethical Issues of the Consent Process Men, Masculinity and Rheumatoid Arthritis

TUESDAY, NOV. 10

7:30 – 8:30 AM	Environmental Influences and Rheumatic Diseases Sexual Issues in Rheumatology: Assessment and Intervention
7:45 – 9:15 AM	ACR Meet the Professor Sessions <i>For more information see the Meet the Professor Listing on page 18.</i>
7:45 – 9:45 AM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>

TUESDAY, NOV. 10 (continued)

8:30 – 10:00 AM	Current Challenges in the Treatment of Systemic Lupus Erythematosus: Hope for the Future
9:00 – 10:00 AM	Lipid Lowering in 2015: How Low Can You Go Pediatric Rheumatology Year in Review and Awards (Town Hall Meeting) Public Medical Communication: An Essential Skill for 21st Century Health Professionals ARHP Daltroy Memorial Lecture: Arthritis Self-Management – Where We Have Been and Where We Are Going? Less Scary Care for the Pediatric Patient Pharmacotherapy: What's New in Rheumatology What You Know About Your Patients' Feet Could Make You A Superhero – Treat the Feet: Improve Foot Health in Rheumatology Patients
10:00 AM – 2:30 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM and 12:15 – 1:00 PM Innovation Theater A 11:30 AM – 12:15 PM and 1:30 – 2:15 PM Innovation Theater B
10:30 AM – 12:30 PM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>
11:00 AM – Noon	Using Twitter Effectively: Healthcare, Hashtags and Twitter Chats
12:30 – 2:00 PM	CARE: MOC Session – Other Rheumatic and Connective Tissue Diseases (Session 3 of 3)
12:45 – 2:15 PM	ACR Meet the Professor Sessions <i>For more information see the Meet the Professor Listing on page 18.</i>
1:00 – 2:00 PM	Osteoporosis Update Pearls and Pitfalls in Fibromyalgia and Central Pain Syndromes



Meet the Professor (MTP) sessions promote conversation and consultation. For this reason, attendance is limited to 35 attendees for each MTP session.



MEETING-AT-A-GLANCE BY TRACK

Clinical Practice (continued)

TUESDAY, NOV. 10 (continued)

1:15 – 3:15 PM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>
2:30 – 4:00 PM	Current Topics in Myositis Gout Management in 2015: Nonpharmacological Treatments, Treat-to-Target Strategy and Emerging Therapies for Gout   Update on Safety Issues in the Treatment of Rheumatic Diseases: From the FDA and Beyond  Better Communication, Better Outcomes  Fall Prevention Interventions  Make Self-Management a Reality   Manage Persistent Pain: An Interprofessional Approach
3:00 – 4:00 PM	Global Burdens of Rheumatic and Musculoskeletal Diseases in Different Regions of the World
4:00 – 6:00 PM	ACR/ARHP Workshops <i>For more information see the Workshop Listing on page 20.</i>
4:30 – 6:00 PM	ACR Meet the Professor Sessions <i>For more information see the Meet the Professor Listing on page 18.</i>  Empowerment Through the Family-Centered Care Approach   Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ): Conversations and Care  Telehealth: Opportunities and Pitfalls   The Influence of Sleep on Health & Disease

WEDNESDAY, NOV. 11

11:00 AM – 12:30 PM	 Bridging Research and Advocacy: The Osteoarthritis Action Alliance Update Issues in Ultrasound 2015  Reproductive Issues in Rheumatology 
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TRACK FOUR

Clinical Science

PRE-MEETING COURSES

Pre-meeting courses require a separate registration fee.

FRIDAY, NOV. 6

1:00 – 6:00 PM	ACR Clinical Research Conference: Improving Long-Term Outcomes of Rheumatic Disease – Day 1 of 2
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SATURDAY, NOV. 7

8:00 AM – 4:00 PM	ACR Review Course
8:00 AM – 4:15 PM	ACR Clinical Research Conference: Improving Long-Term Outcomes of Rheumatic Disease – Day 2 of 2

SCIENTIFIC SESSIONS

SUNDAY, NOV. 8

7:30 – 8:30 AM	Year in Review
8:30 – 10:00 AM	Clots in Children: Where They Come From and What to Do With Them  Coming to a Joint Near You: Chikungunya
8:30 AM – 6:00 PM	ACR Poster Session A and Poster Tours <i>Although there is no fee to participate in guided poster tours, pre-registration is required.</i> 9:00 – 11:00 AM Poster Presentations 9:00 – 9:45 AM and 10:15 – 11:00 AM Guided Poster Tours
10:00 AM – 5:00 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM, 12:30 – 1:15 PM and 2:30 – 3:15 PM Innovation Theater A 11:30 AM – 12:15 PM, 1:30 – 2:15 PM and 3:30 – 4:15 PM Innovation Theater B



MEETING-AT-A-GLANCE BY TRACK

Clinical Science (continued)

SUNDAY, NOV. 8 (continued)	
11:00 AM – Noon	ARHP Immunology Boot Camp I: The Basics of Targeted Therapies ARHP Pediatric Research Methods Pd ARHP Peripheral Neuropathy in Rheumatic Disease: Etiology and Management FIT
11:00 AM – 12:30 PM	ACR Knowledge Bowl: Preliminary Round ACR Plenary Session I: Discovery 2015
2:30 – 4:00 PM	ACR and ARHP Concurrent Abstract Sessions
4:30 – 6:00 PM	What Immunodeficiencies Can Teach Us About Autoimmunity and the Appropriate Care of Immunosuppressed Patients Pd ACR and ARHP Concurrent Abstract Sessions

MONDAY, NOV. 9	
7:30 – 8:30 AM	Clinicopathologic Conference (CPC) Ed FIT Pd Tips for Publishing Your Work in a Peer-Reviewed Medical Journal FIT Wearable Biosensors to Advance Rheumatology ARHP Analysis and Interpretation of Meta-Analyses ARHP How Much and Who Said So? Evaluating Cost-of-Illness Studies ARHP Immunology Boot Camp II: Basic Mechanisms of Autoimmunity ARHP New Therapeutics on the Horizon
8:30 AM – 6:00 PM	ACR/ARHP Poster Session B and Poster Tours <i>Although there is no fee to participate in guided poster tours, pre-registration is required.</i> 9:00 – 11:00 AM Poster Presentations 9:00 – 9:45 AM and 10:15 – 11:00 AM Guided Poster Tours

MONDAY, NOV. 9 (continued)	
10:00 AM – 5:00 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM, 12:30 – 1:15 PM and 2:30 – 3:15 PM Innovation Theater A 11:30 AM – 12:15 PM, 1:30 – 2:15 PM and 3:30 – 4:15 PM Innovation Theater B
11:00 AM – Noon	ACR Knowledge Bowl: Final Round What's New in Localized Scleroderma: Viewpoints From a Dermatologist and Rheumatologist Pd ARHP Keep It Compliant: Tools for Researchers
11:00 AM – 12:30 PM	All Things Arthroplasty: Outcomes and Complications ACR/ARHP Plenary Session II: Discovery 2014
2:30 – 4:00 PM	ARHP Evidence to Action: Translation of Rheumatology Research to Influence Programs, Policies, and Practice ACR and ARHP Concurrent Abstract Sessions
4:30 – 5:30 PM	New ACR-EULAR Sjögren's Syndrome Classification Criteria and Updates ARHP Resilience: Functional and Neurobiological Influences ARHP Upper Extremity Arthritis: Epidemiology and Ergonomic Interventions ACR and ARHP Concurrent Abstract Sessions

TUESDAY, NOV. 10	
7:30 – 8:30 AM	Pathophysiology Synovitis in Rheumatoid Arthritis <i>Rheumatology Research Foundation Paul Klemperer, MD, Memorial Lecture</i> ARHP Immunology Boot Camp III: Applying Principles of Immunology to Treatment Decisions ARHP What Do the Numbers Mean? Tools to Interpret Medical Literature



MEETING-AT-A-GLANCE BY TRACK

Clinical Science *(continued)*

TUESDAY, NOV. 10 *(continued)*

8:30 AM – 6:00 PM	ACR/ARHP Poster Session C and Poster Tours <i>Although there is no fee to participate in guided poster tours, pre-registration is required.</i> 9:00 – 11:00 AM Poster Presentations 9:00 – 9:45 AM and 10:15 – 11:00 AM Guided Poster Tours
10:00 AM – 2:30 PM	Exhibits <i>Exhibits and Innovation Theater are not eligible for CME credit.</i> 10:30 – 11:15 AM and 12:15 – 1:00 PM Innovation Theater A 11:30 AM – 12:15 PM and 1:30 – 2:15 PM Innovation Theater B
11:00 AM – Noon	Controversies in Kawasaki Disease: Implications for Long-Term Outcomes System Lupus Erythematosus 2015: Arthritis, Bone Loss, Pregnancy and Nephritis
11:00 AM – 12:30 PM	Prospects for Treating Rheumatic Diseases Through Modification in the Microbiome ACR Plenary Session III: Discovery 2014
2:30 – 4:00 PM	Innovative Educators, Novel Techniques: A <i>Rheumatology Research Foundation</i> Special Session ACR and ARHP Concurrent Abstract Sessions
4:30 – 6:00 PM	Disease Targeted Research Foundation Special Session and Anniversary Extra-Articular Manifestations of Rheumatoid Arthritis ACR and ARHP Concurrent Abstract Sessions

WEDNESDAY, NOV. 11

7:30 – 8:30 AM	New Adult and Juvenile Myositis Response Criteria Rheumatology Roundup: Highlights From the 2015 Annual Meeting Modeling of Categorical Data
9:00 – 10:00 AM	Biosimilars: The Road Ahead Hematologic Manifestations of Rheumatologic Disease: Case Studies ACR and ARHP Concurrent Abstract Sessions
9:00 – 10:30 AM	Chronic Nonbacterial Osteomyelitis (CNO): From the Bedside to the Bench Environmental Triggers of Autoantibodies and Autoimmunity Racial Disparities in Rheumatic Diseases ACR and ARHP Concurrent Abstract Sessions



Each year, the annual meeting draws **thousands of abstracts** submitted by rheumatologists and health professionals from around the world. Accepted abstracts are published in the **Arthritis & Rheumatology** journal (online only) and displayed in an international venue.



NETWORKING OPPORTUNITIES

Networking opportunities are not eligible for CME credit.

Kick your annual meeting experience up a notch. Take advantage of networking events and social offerings designed to help you facilitate connections that will “win friends and influence people”!

SATURDAY

Welcome Reception

Saturday, Nov. 7
6:30 – 8:00 PM

After the Opening Lecture and Awards, join your colleagues in a toast to the opening of the 2015 ACR/ARHP Annual Meeting.

SUNDAY

ACR/ARHP First-Time Attendee Orientation

Sunday, Nov. 8
7:30 – 8:30 AM

First-time ACR/ARHP attendees are invited to an orientation to learn the “ins and outs” of the annual meeting so that you can get the most out of your first annual meeting experience.

ARHP Discipline Round Tables: Networking Forum

Sunday, Nov. 8
12:30 – 2:15 PM

ARHP attendees are invited to this kickoff forum for the annual meeting. You will have the opportunity to network over a complimentary lunch at various discipline tables.

NEW! Annual Meeting Tweet Up

Sunday, Nov. 8
4:30 – 6:00 PM

It's a great way to get connected and stay connected to the latest trends, research and ideas pulsing through the rheumatology community!

MONDAY

ARHP Topic Round Tables: Networking Forum

Monday, Nov. 9
Noon – 2:00 PM

Sit down with your colleagues over a complimentary lunch, and participate in open discussion on various research, practice and clinical topics. Each roundtable discussion will be facilitated by a rheumatology expert. All ARHP attendees are welcome to participate in this event.

DAILY (Sunday, Monday and Tuesday)

Exhibit Hall

Sunday, Nov. 8 and Monday, Nov. 9
10:00 AM – 5:00 PM

Tuesday, Nov. 10
10:00 AM – 2:30 PM

Over 150 exhibitions will help you discover the latest technology from around the world! Spend some time in the exhibit hall...

- engaging exhibitors
- attending technology demonstrations at the Innovation Theater
- learning about ACR/ARHP initiatives and resources at the Discovery Center
- connecting with employers at the CareerConnection

ACR Study Groups

Sunday, Nov. 8, Monday, Nov. 9
and Tuesday, Nov. 10
Each day from 1:00 – 2:00 PM

Take advantage of these unique social forums, designed to bring together small groups of attendees with common interest in a single disease, a group of related disorders or a specialized field of study.



*Over 150 exhibitions will help you discover the latest technology from around the world! Spend some time in the **exhibit hall**...*



MEET THE PROFESSOR AND WORKSHOP SESSIONS

Meet the Professor and Workshop sessions require a separate registration fee.

MEET THE PROFESSOR LISTING

Adult Inflammatory Myopathy

Robert L. Wortmann, MD, MACR
Sun., 12:45 – 2:15 PM (011)
Mon., 4:30 – 6:00 PM (051)

Ankylosing Spondylitis: 2015 Update

Lianne S. Gensler, MD
Sun., 7:45 AM – 9:15 AM (001)
Mon., 7:45 – 9:15 AM (031)

Ankylosing Spondylitis: Disease Modification

Atul Deodhar, MD, MRCP
Sun., 12:45 – 2:15 PM (012)

Antiphospholipid Syndrome

Alana B. Levine, MD
Sun., 7:45 – 9:15 AM (002)

Antiphospholipid Syndrome

Doruk Erkan, MD
Sun., 4:30 – 6:00 PM (021)
Mon., 12:45 – 2:15 PM (041)

Behçet's Syndrome

Yusuf Yazici, MD
Mon., 4:30 – 6:00 PM (052)
Tues., 7:45 – 9:15 AM (061)

Biomechanical Interventions for Managing Orthoarthritis

Najia Shakoor, MD, MS
Mon., 12:45 – 2:15 PM (042)

Challenging Cases in Osteoporosis Management

Jeffrey R. Lisse, MD
Sun., 7:45 – 9:15 AM (003)
Mon., 7:45 – 9:15 AM (032)

Controversies in Sjögren's Syndrome

Frederick Vivino, MD
Sun., 4:30 – 6:00 PM (022)
Tues., 7:45 – 9:15 AM (062)

Crystal: Diagnosis and Management of Gout

John S. Sundy, MD, PhD
Tues., 12:45 – 2:15 PM (071)
Tues., 4:30 – 6:00 PM (081)

Crystal: Diagnosis and Management of Gout

Saima Chohan, MD
Mon., 7:45 – 9:15 AM (033)

Cutaneous Vasculitis

Ruth Ann Vleugels, MD, MPH
Mon., 7:45 – 9:15 AM (034)

Dermatological Manifestations of Rheumatic Diseases

Laura Winterfield, MD, MPH
Mon., 7:45 – 9:15 AM (035)
Tues., 7:45 – 9:15 AM (063)

Fibromyalgia 2015: Update on Management

Daniel J. Clauw, MD
Sun., 4:30 – 6:00 PM (023)

Hereditary Angioedema Update

Bruce Zuraw, MD
Sun., 4:30 – 6:00 PM (024)

Hypermobility

Eric Gall, MD
Sun., 4:30 – 6:00 PM (025)

Imaging of Crystal Arthritis

Ralf Thiele, MD
Sun., 4:30 – 6:00 PM (026)
Mon., 4:30 – 6:00 PM (053)

Immunodeficiency Syndromes

Troy R. Torgerson, MD, PhD
Tues., 12:45 – 2:15 PM (072)

Infections With Biologics

Kathryn H. Dao, MD
Mon., 7:45 – 9:15 AM (036)
Tues., 7:45 – 9:15 AM (064)

Inflammatory Eye Disease/Uveitis

Debra Anne Goldstein, MD
Sun., 4:30 – 6:00 PM (027)

Juvenile Dermatomyositis

Angela Robinson, MD
Mon., 12:45 – 2:15 PM (043)

Macrophage Activation Syndrome

Alexei A. Grom, MD
Tues., 4:30 – 6:00 PM (082)

Management of Difficult Raynaud's and Digital Ischemia

Fredrick M. Wigley, MD
Mon., 7:45 – 9:15 AM (037)
Tues., 4:30 – 6:00 PM (083)

Management of Patients With Hepatitis C and Rheumatic Diseases

Timothy Niewold, MD
Tues., 12:45 – 2:15 PM (073)

Myopathy: Issues in Diagnosis and Treatment

Rohit Aggarwal, MD, MS
Mon., 12:45 – 2:15 PM (044)
Tues., 12:45 – 2:15 PM (074)

Non-surgical Treatments for Osteoarthritis

David T. Felson, MD, MPH
Sun., 12:45 – 2:15 PM (013)

Osteoarthritis: Update 2015

Timothy E. McAlindon, MD, MPH, MRCP
Mon., 12:45 – 2:15 PM (045)
Tues., 12:45 – 2:15 PM (075)

Osteoporosis: Novel Treatments

Linda Russell, MD
Sun., 7:45 – 9:15 AM (004)

Pain: Evaluation and Treatment of Back Pain

Rajiv Dixit, MD
Sun., 4:30 – 6:00 PM (028)

Pediatric Rheumatology for Adult Rheumatologists

Daniel Lovell, MD, MPH
Sun., 4:30 – 6:00 PM (029)

Pediatric Systemic Lupus Erythematosus

Marisa Klein-Gitelman, MD, MPH
Sun., 12:45 – 2:15 PM (014)



MEET THE PROFESSOR AND WORKSHOP SESSIONS

Meet the Professor and Workshop sessions require a separate registration fee.

Meet the Professor Listings (continued)

Pediatrics: Difficult to Treat Juvenile

Idiopathic Arthritis

Charles Spencer, MD

Tues., 4:30 – 6:00 PM (084)

Pediatrics: Periodic Fevers in Children

Phillip Kahn, MD

Mon., 4:30 – 6:00 PM (054)

Polymyalgia Rheumatica

Antoine G. Sreih, MD

Mon., 4:30 – 6:00 PM (055)

Pregnancy and Rheumatic Diseases

Jill Buyon, MD

Sun., 7:45 – 9:15 AM (005)

Tues., 7:45 – 9:15 AM (065)

Psoriatic Arthritis

Dafna D. Gladman, MD

Sun., 7:45 – 9:15 AM (006)

Mon., 7:45 – 9:15 AM (038)

Psoriatic Arthritis

Philip J. Mease, MD

Tues., 12:45 – 2:15 PM (076)

Pulmonary Hypertension in the Rheumatic Diseases

Dinesh Khanna, MD, MSc

Tues., 4:30 – 6:00 PM (085)

Pulmonary Manifestations of Rheumatic Disease

Aryeh Fischer, MD

Sun., 12:45 – 2:15 PM (015)

Tues., 12:45 – 2:15 PM (077)

Reactive Arthritis: An Update

Siba Raychaudhuri, MD

Sun., 4:30 – 6:00 PM (016)

Tues., 7:45 – 9:15 AM (066)

Rheumatoid Arthritis: Biological Agents

Josef Smolen, MD

Sun., 12:45 – 2:15 PM (017)

Rheumatoid Arthritis: Biological Agents

Michael E. Weinblatt, MD

Mon., 12:45 – 2:15 PM (046)

Tues., 4:30 – 6:00 PM (086)

Rheumatoid Arthritis: Challenging Cases

Daniel Furst, MD, MPH

Sun., 7:45 – 9:15 AM (007)

Rheumatoid Arthritis: Challenging Cases

Stephen A. Paget, MD

Tues., 7:45 – 9:15 AM (067)

Rheumatoid Arthritis: Outcome Measures in Clinical Practice – Moving From Measurements to Management

Eric Newman, MD

Sun., 7:45 – 9:15 AM (008)

Rheumatology Practice 101: Starting Out in Practice for the Graduating Fellow

Alexandru F. Kimel, MD

Mon., 4:30 – 6:00 PM (056)

Safety of Drugs Used to Treat Rheumatoid Arthritis

Jeffrey Greenberg, MD

Sun., 7:45 – 9:15 AM (009)

Mon., 7:45 – 9:15 AM (039)

Scleroderma Mimics

Virginia Steen, MD

Tues., 7:45 – 9:15 AM (068)

Spondyloarthropathy: An Update

Christopher T. Ritchlin, MD, MPH

Tues., 12:45 – 2:15 PM (078)

Still's Disease and Autoinflammatory Syndromes

Arturo Diaz, MD

Tues., 7:45 – 9:15 AM (069)

Systemic Lupus Erythematosus: Central Nervous System

Meggan Mackey, MD, MS

Mon., 12:45 – 2:15 PM (047)

Systemic Lupus Erythematosus: Central Nervous System

F. Jorge Sanchez-Guerrero, MD, MSc

Tues., 7:45 – 9:15 AM (070)

Systemic Lupus Erythematosus: Difficult to Treat Systemic Lupus Erythematosus

Eliza Chakravarty, MD

Mon., 4:30 – 6:00 PM (057)

Tues., 4:30 – 6:00 PM (087)

Systemic Lupus Erythematosus: Lupus Nephritis

Rosalind Ramsey-Goldman, MD

Sun., 12:45 – 2:15 PM (018)

Mon., 12:45 – 2:15 PM (048)

Systemic Lupus Erythematosus: Novel Treatments

Speaker to be determined

Sun., 4:30 – 6:00 PM (030)

Systemic Lupus Erythematosus: Novel Treatments – How to Treat Systemic Lupus Erythematosus

Richard Furie, MD

Mon., 7:45 – 9:15 AM (040)

Tues., 12:45 – 2:15 PM (079)

Systemic Sclerosis: Disease Staging and Subsetting in Clinical Practice

Robyn T. Domsic, MD, MPH

Sun., 7:45 – 9:15 AM (010)

Mon., 4:30 – 6:00 PM (058)

Temporal Arteritis

Robert F. Spiera, MD

Tues., 4:30 – 6:00 PM (088)

Vaccinations for Patients on Biologic Therapies

Jeffrey R. Curtis, MD, MPH, MS

Sun., 12:45 – 2:15 PM (019)

Mon., 12:45 – 2:15 PM (049)

Vasculitis Mimics

Peter A. Merkel, MD, MPH

Mon., 4:30 – 6:00 PM (059)



MEET THE PROFESSOR AND WORKSHOP SESSIONS

Meet the Professor and Workshop sessions require a separate registration fee.

Meet the Professor Listings (continued)

Vasculitis: Factors That Influence Disease Patterns

Kenneth Warrington, MD
Mon., 4:30 – 6:00 PM (060)
Tues., 4:30 – 6:00 PM (089)

Vasculitis: Update

Raashid A. Luqmani, DM
Mon., 12:45 – 2:15 PM (050)
Tues., 12:45 – 2:15 PM (080)

Vitamin D and Bone Health

Chad Deal, MD
Sun., 12:45 – 2:15 PM (020)

What Is Not Central Nervous Angiitis: Making the Right Diagnosis

Leonard H. Calabrese, DO
Tues., 4:30 – 6:00 PM (090)

WORKSHOP LISTING

Advanced Musculoskeletal Ultrasound

Jay B. Higgs, MD
Cathrine Bakewell, MD
Sun., 7:45 – 9:45 AM (201)
Tues., 1:15 – 3:15 PM (236)

Advanced Musculoskeletal Ultrasound: Image Optimization and Pathology Recognition

Jay B. Higgs, MD
Catherine Bakewell, MD
Mon., 7:45 – 9:45 AM (215)

Beyond Musculoskeletal Ultrasound for Rheumatologists

Minna J. Kohler, MD
Sun., 10:30 AM – 12:30 PM (204)

Clinical Anatomy and Physical Exam: Essential Tools in Lower Extremity Regional Pain Syndromes

Robert A. Kalish, MD
Pablo Villasenor Ovies, MD
Sun., 10:30 AM – 12:30 PM (205)

Clinical Anatomy and Physical Exam: Essential Tools in Upper Extremity Regional Pain Syndromes

Robert A. Kalish, MD
Pablo Villasenor Ovies, MD
Sun., 7:45 – 9:45 AM (202)

Complementary and Alternative Therapies in Rheumatic Disease

Donald M. Marcus, MD
Sun., 1:15 – 3:15 PM (208)

Dermatopathology of Rheumatic Diseases

Daniel Miller, MD
Sun., 4:00 – 6:00 PM (212)
Mon., 7:45 – 9:45 AM (216)

Evaluation and Management of Shoulder Pain

Michael Battistone, MD
Andrea Barker, MPAS, PA-C
Sun., 10:30 AM – 12:30 PM (209)

Histopathology of Rheumatic Lung Disease

Allen Burke, MD
Fabio Tavora, MD, PhD
Tues., 4:00 – 6:00 PM (240)

Histopathology of Vasculitis

Allen Burke, MD
Fabio Tavora, MD, PhD
Sun., 10:30 AM – 12:30 PM (206)

How to Apply Statistics to Your Research

Dorothy D. Dunlop, PhD
Jungwha Lee, PhD, MPH
Sun., 1:15 – 3:15 PM (210)

How to Utilize Health Records Right to Maximize Meaningful Use

Salahuddin Kazi, MD
Sun., 7:45 – 9:45 AM (203)

Joint Injection Techniques

Atul A. Deodhar, MD
Kenneth S. O'Rourke, MD
Mon., 1:15 – 3:15 PM (223)
Tues., 10:30 AM – 12:30 PM (233)

Joint Injections (Knee, Ankle, Shoulder and Wrist)

Jemima Albayda, MD
Pari Basharat, MD
Sun., 1:15 – 3:15 PM (211)
Mon., 7:45 – 9:45 AM (217)

Knee Braces, Foot Orthoses, and Shoe Gear for Managing Knee Osteoarthritis

Gupta J. Hillstrom, PhD
Kelly D. Krohn, MD
Mon., 10:30 AM – 12:30 PM (219)

Magnetic Resonance Imaging (MRI) in the Diagnosis and Management of Spondyloarthritis: A Clinician's Guide

Walter P. Maksymowych, MD
Sun., 4:00 – 6:00 PM (213)
Tues., 1:15 – 3:15 PM (237)

Magnetic Resonance Imaging of Peripheral Joints in Rheumatology Practice

Philip G. Conaghan, MD, PhD
Mikkel Ostergaard, DMSc, MD, PhD
Mon., 7:45 – 9:45 AM (218)

MDHAQ/RAPID3 and RHEUMDOC: Quantitative, Standard, Scientific Summaries of Patient History and Physical Exam, Toward Better Clinical Decisions and Outcomes

Theodore Pincus, MD
Tues., 1:15 – 3:15 PM (239)

Muscle Involvement in Inflammatory Muscle Disease: How Muscle Biopsy Can Help

Sakir Humayun Gultekin, MD
Mon., 1:15 – 3:15 PM (224)

Musculoskeletal Ultrasonography: Basic

Janak R. Goyal, MD
Gurjit S. Kaeley, MBBS, MRCP
Mon., 4:00 – 6:00 PM (227)
Tues., 7:45 – 9:45 AM (230)





MEET THE PROFESSOR AND WORKSHOP SESSIONS

Meet the Professor and Workshop sessions require a separate registration fee.

Workshop Listings (continued)

Musculoskeletal Ultrasound

Eugene Y. Kissin, MD
Amy M. Evangelisto, MD
Sun., 4:00 – 6:00 PM (214)
Mon., 10:30 AM – 12:30 PM (220)

Nailfold Capillaroscopy

Maurizio Cutolo, MD
Tues., 1:15 – 3:15 PM (239)

Osteoporosis: Interpreting Dual Energy X-ray Absorptiometry and Clinical Risk Factors: The New Fracture Risk Assessment Algorithm

Stuart L. Silverman, MD
Mon., 4:00 – 6:00 PM (228)
Tues., 10:30 AM – 12:30 PM (234)

Physical Examination Skills for Improved Detection of Synovitis and Cervical Thoracolumbar Disorders

Edward C. Keystone, MD
Mon., 4:00 – 6:00 PM Mon.

Renal Histopathology in Systemic Lupus Erythematosus and Vasculitis

Anthony Chang, MD
Mon., 10:30 AM – 12:30 PM (221)
Tues., 7:45 – 9:45 AM (231)

Synovial Fluid Analysis and Crystal Identification

Brian F. Mandell, MD, PhD
Gilda M. Clayburne, MLT
Lan Chen, MD, PhD
Sun., 10:30 AM – 12:30 PM (207)
Mon., 1:15 – 3:15 PM (225)

Systemic Sclerosis: How to Perform Skin Scores

Daniel Furst, MD, MPH
Tues., 4:00 – 6:00 PM (241)

Tai Chi, Yoga and Other Movement in Intervention in Disease

Mary L. Jurisson, MD
Deborah J. Bowes, DPT, GCFT
Tues., 7:45 – 9:45 AM (232)

The Rheumatologic Musculoskeletal Screening Exam, With Emphasis on Objective Disease-specific Measurements

Arthur M. Mandelin II, MD, PhD
Mon., 1:15 – 3:15 PM (226)
Tues., 10:30 AM – 12:30 PM (235)

Ultrasound Injection Guidance

Gurjit S. Kaeley, MBBS, MRCP
Tues., 4:00 – 6:00 PM (242)

X-ray Challenges in Rheumatic Diseases

Donald J. Flemming, MD
Mon., 10:30 AM – 12:30 PM (222)



Workshops are hands-on skill training sessions. For this reason, attendance is limited to 24 attendees for each workshop.



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Pre-meeting Courses: November 6–7, 2015
Scientific Sessions: November 7–11, 2015