

ACR Convergence 2023

UNC Thurston Arthritis Research Center

Presentations & Abstracts

[Link to full schedule](#) of ACR 2023 Presentations

Sunday, November 12th

Oral Presentations		
Session	Title	Presenter(s) & Moderator(s)
<p>State of the Art: Microbiome Niches in OA <u>9:00am-9:20am</u> <i>Exhibit Hall A-B</i></p>	<p>Fecal and Plasma Microbiome Composition, Microbial Metabolomics, and Leaky Gut in Obesity-Associated OA</p>	<p>Presenter(s): Liubov Arbeevea & Matlock Jeffries Moderator(s): Richard Loeser & Michael Zuscik</p>
<p>Interventions to Increase Minority Participation in Lupus Clinical Trials <u>12:00pm – 1:00pm</u> <i>Room 23A-C</i></p>	<p>1) Practical Programs to Engage Diverse Participants in Lupus Clinical Trials (12:00pm – 12:20pm) 2) The Impact of Diversification of the Biomedical Workforce (12:30pm-12:50pm)</p>	<p>Presenter(s): Saira Sheikh & Irene Blanco Moderator(s): Rosalind Ramsey-Goldman & Kimberly Trotter</p>
<p>STATS BOOTCAMP I: Introduction to Longitudinal Data Analysis <u>4:00am-5:00pm</u> <i>Room 23A-C</i></p>	<p>1) Overview of Longitudinal Data (4:00pm – 4:20pm) 2) Analysis of Longitudinal Data with Examples (4:30pm – 4:50pm)</p>	<p>Presenter(s): Becki Cleveland & Daniel White Moderator(s): Carolina Alvarez & Michael LaValley</p>

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Abstracts: Health Services Research I <u>5:00pm-5:10pm</u> <i>Room 11A-B</i>	Underserved by Rehabilitation: Characteristics Among Adults with Rheumatoid Arthritis	Presenter: Chris Lane Author(s): Chris Lane , Lauren Mihalek, Kelli Allen , Beth Jonas , Patti Katz and Louise Thoma
Poster Presentations		
Session	Title	Presenter & Author(s)
Osteoarthritis – Clinical Poster I <u>9:00am-11:00am</u> <i>Poster Hall</i>	Heterogeneity and Natural History of Medial Fixed Joint Space Width in Healthy Knees Among Women and Men: Data from Three Large Cohort Studies	Presenter: Kent Kwoh Authors: Kent Kwoh, Erin Ashbeck, Edward Bedrick, Yvonne Golightly , Zong-Ming Li, Jean Iew, Amanda Nelson , Tuhina Neogi, Xiaoxiao Sun and Jeffrey Duryea
Healthcare Disparities in Rheumatology Poster I: Lupus <u>9:00am-11:00am</u> <i>Poster Hall</i>	Barriers and Facilitators to Recruiting Underrepresented Participants for Clinical Trials: Insights from the Lupus Clinical Investigators Network (LuCIN)	Presenter: Tessa Englund Authors: Tessa Englund , Christine Lee, Julie Hsieh, RDML Richardae Araojo, Julia Mariano , Emily McCormick , Stacie Bell, Albert Roy, and Saira Sheikh
Epidemiology & Public Health – Interprofessional Poster <u>9:00am-11:00am</u> <i>Poster Hall</i>	Diminished Vibration Perception and Greater Pressure Pain Sensitivity Are Associated with Worse Knee Osteoarthritis Outcomes Across Sex and Race	Presenter: Chris Lane Authors: Chris Lane , Louise Thoma , Carolina Alvarez , Deborah Givens, Amanda Nelson , Adam Goode, Kharma Foucher and Yvonne Golightly

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	Recreational Activities in Adults with Rheumatoid Arthritis: Relevance, Difficulty, and Associations with Clinical Outcomes	Presenter: Sarah Novroski Authors: Sarah Novroski, Chris Lane , Joshua Torrey, Louise Thoma
ACR Image Competition (Awards Session: 11:05am – 11:15am, Location: Exhibit Hall A-B)	Image Submitted By: Prarthana Jain	

Monday, November 13th

Oral Presentations		
Session	Title	Presenter & Moderator(s)
Non-pharmacologic Strategies for Pain Management in Adults with OA <u>8:45am – 9:00am</u> <i>Room 24A-C</i>	Exercise Interventions for Osteoarthritis Pain Management for Older Adults	Presenter(s): Kelli Allen
STATS BOOTCAMP II: Statistical Time-to-Event Data Analysis for Clinical Researchers <u>12:00-1:00pm</u> <i>Room 24A-C</i>	<ol style="list-style-type: none"> 1) Introduction to Time-to-Event Data and Basic Statistical Methods for Analyzing Them (12:00pm – 12:20pm) 2) Time-to-Event Data Analysis, Statistical Computing Considerations, and Interpretation of Results (12:30pm – 12:50pm) 	Presenter(s): Todd Schwartz & Carolina Alvarez Moderator(s): Becki Cleveland & Michael LaValley
Health Disparities in Osteoarthritis: What Do the Data Tell Us and Considerations for Practice <u>4:00pm – 4:20pm</u> <i>Room 24A-C</i>	Disparities in Hip and Knee Osteoarthritis Prevalence and Outcomes	Presenter: Leigh Callahan
Poster Presentations		

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Imaging of Rheumatic Diseases Poster I <u>9:00am-11:00am</u> <i>Poster Hall</i>	Cross-Sectional Associations of Ultrasound Features with Symptom Outcomes at the Knee: A Community-based Study	Presenter: Katherine Yates Authors: Katherine Yates, Carolina Alvarez, Todd Schwartz , Serena Savage-Guin, Jordan Renner, Catherine Bakewell, Minna Kohler, Janice Lin, Jonathan Samuels and Amanda Nelson
Health Services Research Poster II <u>9:00am-11:00am</u> <i>Poster Hall</i>	Use of Implementation Strategies to Promote Adherence of Knee Osteoarthritis Guidelines and Improve Patient Outcomes: A Systematic Review	Presenter: Michelle Ramirez Authors: Michelle Ramirez, Rebecca Fillipo, Connor Drake, Lesley Skalla, Kelli Allen, Amanda Nelson and Maggie Horn
	Optimizing Rural Rheumatology Access: Collaborative Tele-Health Clinic Between University of North Carolina and Piedmont Health 1 Year Extension and Opportunities for Improvement	Presenter: Prarthana Jain Authors: Prarthana Jain , Eli Tiller, John Doughton, Rumey Ishizawar and Alfredo Rivadeneira
Patient Outcomes, Preferences, & Attitudes Poster II <u>9:00am-11:00am</u> <i>Poster Hall</i>	The Role of Kinesiophobia on Ankylosing Spondylitis Disease Activity, Exercise Habits, and Quality of Life	Presenter: Joel Thompson Authors: Joel Thompson
Adult Thieves Market Poster II <u>9:00am – 11:00am</u> <i>Poster Hall</i>	A Pearly Rash (#TM47) A Bad Hangnail (#TM30)	Presenter: Katherine Yates

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<p>SLE – Treatment Poster II <u>9:00am – 11:00am</u></p> <p><i>Poster Hall</i></p>	<p>Year-5 Follow-up of Belimumab Safety (mortality and Malignancies) in Patients with Systemic Lupus Erythematosus (SLE) Who Completed a Phase 4, 52-week, Randomized, Double-blind Placebo-controlled Safety Study</p>	<p>Presenter: Saira Sheikh</p> <p>Authors: Sheikh S, Wei J, Tegzova D, Stohl W, Acayaba de Toledo R, Mucenic T, Abello Banfi M, Maksimowicz-McKinnon K, Abud-Mendoza C, Navarra S, García M, GARCÍA-DE LA TORRE I, Fernandes S, Harris J, Roy A, Olaiz J, Wilde P, Roth D.</p>
	<p>Cumulative Infections by Week 52 Among Patients with SLE: A Summary of Data from Placebo-Controlled Belimumab Studies</p>	<p>Presenter: Saira Sheikh</p> <p>Authors: Sheikh S, Withrop K, Yazdany J, Navarra S, Atsuma T, Curtis P, Olaiz J, Henning C, Levy R, Stohl W, Wallace D</p>

Tuesday, November 14th

Oral Presentations		
Session	Title	Presenter(s) & Moderator(s)
<p>Mitigating Health Disparities Through Inclusion and Diversity in Clinical Trials <u>7:30 AM – 8:30 AM</u></p> <p><i>Room: 29A-D</i></p>	<p>1) Unique Aspects of Ethical Clinical Research in Rheumatology (7:30am – 7:45am)</p> <p>2) Geriatric Rheumatology: An Under-Represented Group</p> <p>3) Practical Models to Enhance/Promote Racial and Ethnic Inclusion in Lupus Clinical Trials (8:00am – 8:15am)</p>	<p>Presenter: Andreas Kerschbaumer, Jiha Lee, & Saira Sheikh</p> <p>Moderator(s): Candace Feldman</p>
<p>Phenotyping and Precision Medicine: The Interface of Research Methodology and Clinical Practice in NIAMS-funded Core Centers for Clinical Research <u>8:30am – 10:00am</u></p> <p><i>Room 24A-C</i></p>	<p>Phenotyping and Precision Medicine: The Interface of Research Methodology and Clinical Practice in NIAMS-funded Core Centers for Clinical Research</p>	<p>Presenter(s): Jamie Collins, Katherine Liao, Amanda Nelson, Tuhina Neogi</p> <p>Moderator(s): Richard Loeser & Elena Losina</p>

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<p>STATS BOOTCAMP III: Longitudinal Latent Growth Modeling: An Overview with Applications in Rheumatology <u>12:00pm-12:20pm</u></p> <p><i>Ballroom 20A</i></p>	<p>Latent Growth Modeling Framework, Reporting Guidelines, and Practical Details</p>	<p>Presenter(s): Liubov Arbeevea</p>
<p>Adult Thieves Market: Show Me Your Best Cases! <u>2:00pm – 3:00pm</u></p> <p><i>Room 6A-B</i></p>	<p>Adult Thieves Market: Show Me Your Best Cases!</p>	<p>Presenter(s): Catherine Deffendall, Rohan Goel, Amanda Moyer, Ruby Taparia</p> <p>Moderator(s): Rumey Ishizawar & Curry Koenig</p>
<p>Ehlers Danlos Syndrome and Joint Hypermobility Syndrome: A Not-So Benign Disorder? <u>2:00pm – 3:00pm</u></p> <p><i>Room 1A-B</i></p>	<ol style="list-style-type: none"> 1) Clinical Evaluation of Ehlers Danlos Syndrome and Joint Hypermobility Syndrome and the Role of Genetics (2:00pm – 2:15pm) 2) Autonomic Neuropathy and Dysautonomia in Ehlers Danlos Syndrome and Joint Hypermobility Syndrome (2:15pm – 2:30pm) 3) Chronic Pain Syndromes in Ehlers Danlos Syndrome and Joint Hypermobility Syndrome (2:30pm – 2:45pm) 	<p>Presenter(s): Jeff Milunsky, Khosro Farhad, Deeba Minhas</p> <p>Moderator(s): Nicole Orzechowski & Stephanie Mathew</p>
Poster Presentations		
Session	Title	Presenter & Author(s)
<p>Orthopedics, Low Back Pain, & Rehabilitation Poster <u>9:00am – 11:00am</u></p> <p><i>Poster Hall</i></p>	<p>Distribution and Validity of Proposed Disability Categories from the Short-Valued Life Activities Questionnaire</p>	<p>Presenter: Louise Thoma</p> <p>Authors: Louise Thoma, Kelli Allen, Beth Jonas, Patti Katz</p>

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Osteoarthritis – Clinical Poster III <u>9:00am – 11:00am</u> <i>Poster Hall</i>	Shared Variation Among Cartilage Thickness Change Maps and Baseline Clinical Features at the Initiation of Structural Knee Osteoarthritis	Presenter: Amanda Nelson Authors: Thomas Keefe, Marc Niethammer, Boqi Chen, Zhengyang Shen, Daniel Nissman, Mary Catherine Minnig, Yvonne Golightly, J.S. Marron and Amanda Nelson
Measures & Measurement of Healthcare Quality Poster II <u>9:00am – 11:00am</u> <i>Poster Hall</i>	Implementation of the Clinical Disease Activity Index to Optimize Treat-to-Target Management of Rheumatoid Arthritis at the University of North Carolina Hospitals Rheumatology Specialty Clinic	Presenter: Rumey Ishizawar Authors: Rumey Ishizawar, Thuyvan Phan, Steven Takacs
Professional Education Poster Session Type: Poster Session C <u>9:00am – 11:00am</u> <i>Poster Hall</i>	Training to Increase Minority Enrollment in Lupus Clinical Trials with Community Engagement (TIMELY): Assessing Behavioral Predictors of Clinical Trial Referrals Among Healthcare Providers	Presenter: Saira Sheikh Authors: Saira Sheikh, Tessa Englund, Andrew Simkus, Nicole Wanty, Annie McNeill, Kristen Holtz, Tenesha Hood, Starla Blanks, Maria Allen and Allen Anandarajah
SLE - Treatment Poster III Session Type: Poster Session C <u>9:00am – 11:00am</u> <i>Poster Hall</i>	Efficacy of Belimumab in Patients with Systemic Lupus Erythematosus by Race and Ethnicity: A Large Post Hoc Integrated Analysis of Five Clinical Trials	Presenter: Saira Sheikh Authors: Saira Sheikh, Amit Saxena, Angela Carroll, Christine Henning, Julia HN Harris, Bernard Rubin, David D'Cruz and Alvin F Wells

Wednesday, November 15th

Oral Presentations		
Session	Title	Presenter & Author(s)
Abstracts: Muscle Biology, Myositis & Myopathies – Basic & Clinical Science II <u>9:15am – 10:45am</u>	Frequency of Atherosclerotic Cardiovascular Disease Following a Diagnosis of Idiopathic Inflammatory	Presenter(s): Rohit Aggarwal, Astia Allenzara , Emma Austenfeld, Kasper Yde Jensen,

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<i>Room 23A-C</i>	Myopathy: Data from a Large National Registry (9:45am – 9:55am, Allenzara)	Alexander Oldroyd, & Jing Yi Wei Authors: Astia Allenzara, Carolina Alvarez, Amanda Nelson and Galen Foulke
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