

MELISSA MANNION

CURRICULUM VITAE

Date: August 8, 2014

PERSONAL INFORMATION:

RANK/TITLE: Post-Doctoral Fellow, Division of Pediatric Rheumatology
Department: Pediatrics
Business Address: Children's of Alabama (COA)
Dept. of Pediatrics, Div. of Rheumatology
1601 4th Avenue South, CPP 210
Birmingham, AL 35233
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EDUCATION:

2004	B.S. in Biology	The College of William and Mary
2008	M.D.	Eastern Virginia Medical School
2014	MSPH in Epidemiology	University of Alabama, Birmingham

POSTDOCTORAL TRAINING:

2011-14	Fellow in Pediatric Rheumatology, University of Alabama at Birmingham
2009-11	Resident in Pediatrics, University of Alabama at Birmingham
2008-09	Intern in Pediatrics, University of Alabama at Birmingham

ACADEMIC APPOINTMENTS:

October 2014 Instructor, Pediatric Rheumatology, University of Alabama at Birmingham

LICENSURE:

Alabama (MD.29937)

BOARD CERTIFICATION:

2011 American Board of Pediatrics

AWARDS/HONORS:

2008	Abraham Jacobi Award for demonstrating genuine commitment to pediatrics, academic excellence, compassion, honesty, and sincere dedication to the care of children, Eastern Virginia Medical School, Department of Pediatrics
2011	Fellow-in-Training Scholarship to American College of Rheumatology annual scientific meeting
2012	Fellow-in-Training Scholarship to American College of Rheumatology State of the Art scientific meeting
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- 2013 Fellow-in-Training Scholarship to American College of Rheumatology annual scientific meeting
- 2013 American College of Rheumatology Distinguished Fellow Award
- 2014 Fellow-in-Training Scholarship to Pediatric Rheumatology Symposium (PRSYM)
- 2014 American College of Rheumatology Travel Grant to participate in OMERACT 12 conference

PROFESSIONAL SOCIETIES:

Alabama Society for Rheumatic Disease (2011-present)
American Academy of Pediatrics (2008-present)
American College of Rheumatology, Fellow-in-Training member (2011-present)
Society for Pediatric Research, Fellows section (2012 – present)
Childhood Arthritis and Rheumatology Research Alliance (2011-present)
AcademyHealth (2014-present)

COUNCILS AND COMMITTEES:

Leadership Positions:

November 1, 2012 – October 31, 2014	American Academy of Pediatrics Section on Rheumatology Executive Committee, Post Residency Training Member
July 2013 – June 2014	Childhood Arthritis and Rheumatology Research Alliance Fellows Committee

EDITORIAL POSITIONS:

August 2013	ad hoc reviewer for Archives of Disease in Childhood
December 2013	ad hoc reviewer for Seminars in Arthritis and Research
April 2014	ad hoc reviewer for BMC Cancer

MAJOR RESEARCH INTERESTS: My primary research interests are in epidemiologic analysis related to juvenile idiopathic arthritis (JIA). Specifically I am interested in the use of medications to treat JIA, the outcomes of JIA in adulthood, and the comparative effectiveness of treatment modalities.

TEACHING EXPERIENCE:

CME/GRAND ROUNDS/EDUCATIONAL LECTURES:

1. Lecturer, “Disseminated MRSA” - Pediatric Inpatient Morning Report, UAB, Birmingham, AL, October 2009
2. Lecturer, “Recurrent Pancreatitis in a 12-year-old male” - Pediatric Inpatient Morning Report, UAB, Birmingham, AL, January 2010
3. Lecturer, “An Acute Asthma Exacerbation in a Toddler” - Pediatric Inpatient Morning Report, UAB, Birmingham, AL, May 2010
4. Lecturer, “Common Pediatric Biologics” - Pharmacy Continuing Education for the Children’s Hospital of Alabama, Birmingham, AL, August 2010
5. Lecturer, “Treating Adults in a Children’s Hospital” - Ethics Morning Report, UAB, Birmingham, AL, December 2010

6. Course Lecturer, "Pediatric Patients" - UAB medical student Musculoskeletal Evaluation, Birmingham, AL, September 2011
7. Lecturer, "Non bacterial Osteitis" – Rheumatology Grand Rounds, UAB, Birmingham, AL January 2012
8. Lecturer, "Ultrasound in JIA patients in clinical remission" – Rheumatology Journal Club, UAB, Birmingham, AL, April 2012
9. Lecturer, "Episcleritis and Scleritis" – Rheumatology Grand Rounds, UAB, Birmingham, AL, June 2012
10. Course Lecturer, "Pediatric Patients" – UAB medical student Musculoskeletal Evaluation, Birmingham, AL, September 2012
11. Lecturer, "Parotitis" – Rheumatology Grand Rounds, UAB, Birmingham, AL, November 2012
12. Lecturer, "Randomized trial of Tocilizumab in systemic juvenile idiopathic arthritis" – Rheumatology Journal Club, UAB, Birmingham, AL, January 2013
13. Lecturer, "Varicella in immunocompromised patients" – Rheumatology Grand Rounds, UAB, Birmingham, AL, February 2013
14. Lecturer, "Rheumatology Review for Pediatric Residents" – Board Review, UAB, Birmingham, AL, May 2013
15. Lecturer, "Pericarditis" – Rheumatology Grand Rounds, UAB, Birmingham, AL, June 2013
16. Lecturer, "Parotitis" – Pediatric Resident Noon Conference, UAB, Birmingham, AL, October 2013
17. Lecturer, "Detection of Enthesitis in Children with Enthesitis-Related Arthritis" – Rheumatology Journal Club, UAB, Birmingham, AL January 2014
18. Lecturer, "Uveitis" – Rheumatology Grand Rounds, UAB, Birmingham, AL, February 2014
19. Lecturer, "Pediatric Rheumatology" – Pediatric Optometry Journal Club, UAB, Birmingham, AL, March 2014
20. Lecturer, "Rheumatology Review for Pediatric Residents" – Board Review, UAB, Birmingham, AL, March 2014
21. Lecturer, "Pediatric Rheumatology" – Pediatric Optometry Journal Club, UAB, Birmingham, AL, April 2014

PRECEPTORSHIPS:

1. Small Group Preceptor for First Year medical students, "Patient, Doctor, and Society", UAB, Birmingham, AL, August 2012

GRANT SUPPORT:

October 2013-September 2014

AHRQ T32 Health Services, Outcomes, and Effectiveness
Research (HSOER) Training Program
PI: Kenneth Saag, MD, MSc and Monika Safford, MD

BIBLIOGRAPHY [citations]:

MANUSCRIPTS ALREADY PUBLISHED:

1. Combs CD, Friend K, Mannion M, Alpino RJ. [Simulating the domain of medical modeling and simulation: the medical modeling and simulation database](#). Stud Health Technol Inform. 2006;119:105-7. PMID: 16404026.

2. **Mannion M**, Cron RQ. [Successful treatment of pediatric IgG4 related systemic disease with mycophenolate mofetil: case report and a review of the pediatric autoimmune pancreatitis literature.](#) *Pediatr Rheumatol Online J.* 2011 Jan 4;9(1):1. PMID: 21205323. [11 citations]
3. Nigrovic PA, **Mannion M**, Prince FH, Zeft A, Rabinovich CE, van Rossum MA, Cortis E, Pardeo M, Miettunen PM, Janow G, Birmingham J, Eggebeen A, Janssen E, Shulman AI, Son MB, Hong S, Jones K, Ilowite NT, Cron RQ, Higgins GC. [Anakinra as first-line disease-modifying therapy in systemic juvenile idiopathic arthritis: report of forty-six patients from an international multicenter series.](#) *Arthritis Rheum.* 2011 Feb;63(2):545-55. PMID: 21280009. [79 citations]
4. Fain ET, **Mannion M**, Pope E, Young DW, Laxer RM, Cron RQ. [Brain cavernomas associated with en coup de sabre linear scleroderma: Two case reports.](#) *Pediatr Rheumatol Online J.* 2011 Jul 29;9:18. PMID: 21801349. [4 citations]
5. **Mannion M**, Cron RQ. [Intensive care requirement, rather than degree of serum ferritin elevation, predicts mortality in macrophage activation syndrome.](#) *Pediatr Crit Care Med.* 2012 Sep;13(5):616. PMID: 22955471. [1 citation]
6. **Mannion M**, Zolak M, Kelly DR, Beukelman T, Cron RQ. [Sarcoidosis in a young child with Alagille syndrome: a case report.](#) *Pediatr Rheumatol Online J.* 2012 Aug 31;10(1):32. PMID: 22937766.
7. **Mannion ML**, Beukelman T. [What is the background incidence of malignancy in children with rheumatic disease?](#) *Curr Rheumatol Rep* 2013 Mar;15(3):310. PMID: 23378144.
8. Beukelman T, Xie R, Baddley JW, Chen L, Delzell E, Grijalva CG, **Mannion ML**, Patkar NM, Saag KG, Winthrop KL, Curtis JR. [Brief report: incidence of selected opportunistic infections among children with juvenile idiopathic arthritis.](#) *Arthritis Rheum* 2013 May;65(5):1384-9. PMID: 23460423. [2 citations]
9. **Mannion ML**, Xie F, Curtis JR, and Beukelman T. Recent trends in medication usage for the treatment of juvenile idiopathic arthritis in the U.S. and the influence of TNF inhibitors. *J Rheumatol* 2014 Aug 1 pii: jrheum.140012. [Epub ahead of print]. PMID: 25086081.
10. **Mannion ML** and Beukelman T. Risk of Malignancy Associated with Biologic Agents in Pediatric Rheumatic Disease. *Curr Opin Rheumatol.* 2014 Sep;26(5):538-42. PMID: 25010437.

MANUSCRIPTS SUBMITTED:

1. Anderson C and **Mannion ML** (co-first authors), and McGwin G. Identification of risk factors among adults in the United States associated with not getting the annual influenza vaccine. Submitted 1/24/14.

PUBLISHED ABSTRACTS:

1. Nigrovic, P.A., **Mannion, M.**, Zeft, A., Rabinovich, E., van Rossum, M.A.J., Cortis, E., Pardeo, M., Miettunen, P.M., Janow, G., Birmingham, J., Eggebeen, A., Janssen, E., Shulman, A.I., Son, M.B., Hong, S., Jones, K., Ilowite, N.T., Cron, R.Q., and Higgins, G.C. 2010. Anakinra as first-line disease modifying therapy in systemic juvenile

- idiopathic arthritis: report of 46 patients from an international multicenter series (abstract). *Arthritis Rheum.* 62 (suppl 10):S89-S90. [ACR 2010, Atlanta, GA]
2. Beukelman T, Xie F, Baddley J, Chen L, Delzell ES, Grijalva C, **Mannion ML**, Patkar NM, Saag KG, Winthrop KL and Curtis JR. 2012. Incidence of Selected Opportunistic Infections Among Children with Juvenile Idiopathic Arthritis (abstract). *Arthritis Rheum.* 64 (suppl 10):S329. [ACR 2012, Washington, D.C.]
 3. **Mannion M**, Xie F, Curtis JR, and Beukelman T. 2013. Recent trends in medication usage for the treatment of juvenile idiopathic arthritis in the U.S. and the influence of TNF inhibitors (abstract). [EULAR 2013, Madrid, Spain]
 4. **Mannion M**, Xie F, Curtis JR, and Beukelman T. 2013. Recent trends in medication usage for the treatment of juvenile idiopathic arthritis in the U.S. and the influence of TNF inhibitors (abstract). [ISPE 2013, Montreal, Canada]
 5. **Mannion M**, Xie F, Curtis JR, and Beukelman T. 2013. Recent trends in medication usage for the treatment of juvenile idiopathic arthritis in the U.S. and the influence of TNF inhibitors (abstract). *Arthritis Rheum.* 65 (suppl 10): S336–S337. [ACR 2013, San Diego, CA]

ORAL PRESENTATIONS:

1. Case Presentation, Lowe Conference, Alabama, October 2011
2. Storyboard Presentation, “PPD documentation”, PR-COIN (pediatric rheumatology care and outcomes improvement network) Learning Session 3, Cincinnati, OH, March 2012
3. Case Presentation, Alabama Society for Rheumatic Disease, Alabama, June 2012
4. Oral Abstract Presentation, “Recent trends in medication usage for the treatment of juvenile idiopathic arthritis in the U.S. and the influence of TNF inhibitors”, ACR Annual Meeting, San Diego, CA, October 27, 2013.
5. Research Presentation, “Recent Trends in Medication Use for the Treatment of Juvenile Idiopathic Arthritis in the United States and the Impact of TNF inhibitors” – Children’s Health Investigator Forum, UAB, Birmingham, AL, November 2013
6. Article Presentation, “Biostatistical Review of *Prediction of Mortality in Clinical Practice for Medicare Patients Undergoing Defibrillator Implantation for Primary Prevention of Sudden Cardiac Death*” – Biostatistics 613, UAB SOPH, Birmingham, AL, November 2013
7. Work in Progress Presentation, “Development of a Long-Term Outcome Measure in Juvenile Idiopathic Arthritis”, HSOER T32 Fellows meeting, Birmingham, AL, March 2014
8. Research Presentation, “Development of a Long Term Outcome Measure in Juvenile Idiopathic Arthritis”, CARRA annual meeting, JIA Outcomes subgroup, Orlando, FL, April 2014
9. Thesis Presentation, “Development of a Long Term Outcome Measure in Juvenile Idiopathic Arthritis”, UAB SOPH MSPH Thesis Defense, Birmingham, AL, April 18, 2014

POSTER PRESENTATIONS:

1. Mannion M, Williams MS, McGwin G, Saag K, and Beukelman T. Development of a Long Term Outcome Measure in Juvenile Idiopathic Arthritis. UAB DOM Trainee Research Symposium, Birmingham, AL, March 2014.

2. Mannion M, Williams MS, McGwin G, Saag K, and Beukelman T. Development of a Long Term Outcome Measure in Juvenile Idiopathic Arthritis. ACTS Translational Science Annual Meeting, Washington, D.C., April 2014.
3. Mannion M, Williams MS, McGwin G, Saag K, and Beukelman T. Development of a Long Term Outcome Measure in Juvenile Idiopathic Arthritis. OMERACT 2014. Budapest, Hungary. May 2014.
4. Mannion M, Williams MS, McGwin G, Saag K, and Beukelman T. Development of a Long Term Outcome Measure in Juvenile Idiopathic Arthritis. AcademyHealth Annual Meeting. San Diego, CA, June 2014.

LAY PRESS:

[Covering the article: Nigrovic, P.A., **Mannion, M.**, Zeft, A., Rabinovich, E., van Rossum, M.A.J., Cortis, E., Pardeo, M., Miettunen, P.M., Janow, G., Birmingham, J., Eggebeen, A., Janssen, E., Shulman, A.I., Son, M.B., Hong, S., Jones, K., Ilowite, N.T., Cron, R.Q., and Higgins, G.C. 2011. Anakinra as first-line disease modifying therapy in systemic juvenile idiopathic arthritis: report of 46 patients from an international multicenter series. *Arthritis Rheum.* 63:545-555.]

1. Jancin, B. 2011. Big changes in treatment of systemic JIA. *Rheumatology News* 10:30.
2. Schonfeld, A.R. 2011. Systemic JIA guidelines urged early treatment. *Rheumatology News* 10:8,19. <http://download.journals.elsevierhealth.com/pdfs/journals/1541-9800/PIIS1541980011702368.pdf>

VOLUNTEER WORK:

1. Medical Staff for Camp M.A.S.H. (Make Arthritis Stop Hurting), Mobile, AL, June 2012
2. Medical Staff for Camp M.A.S.H., Mobile, AL, June 2013
3. Medical Staff for Camp M.A.S.H., Mobile, AL, June 2014