

## CURRICULUM VITAE

Dimitrios Pappas MD, MPH

### DEMOGRAPHIC INFORMATION

#### Appointments:

Oct 2013 - Present	Director of Rheumatology, Athens Medical Center, Athens, Greece
Aug 2013 – Present	Adjunct Assistant Professor of Medicine, Columbia University School of Medicine, Department of Medicine, Division of Rheumatology, New York, NY <ul style="list-style-type: none"><li>• 3 blocks a year of educational, research and patient care responsibilities at Columbia University</li></ul>
July 2009 - Present	Scientific Director, Consortium of Rheumatology Researchers of North America, Comparative Effectiveness Sub-study and International Registry, New York, NY
Nov 2010- Aug 2013:	Assistant Professor of Medicine, Columbia University School of Medicine, Department of Medicine, Division of Rheumatology, New York, NY
Nov 2010- Aug 2013	Director of Fast Arthritis Sonographic Evaluation and Treatment (FAST) Center, Department of Medicine, Division of Rheumatology, New York, NY
July 2010 – Nov2010:	Assistant Professor of Medicine, Johns Hopkins University School of Medicine, Department of Medicine, Division of Rheumatology, Baltimore MD
July 2009 – July 2010:	Instructor of Medicine, Johns Hopkins University School of Medicine, Department of Medicine, Division of Rheumatology, Baltimore MD
July 2009 – Nov 2010:	Co-Director, Rapid Arthritis Care and Evaluation ( RACE) Center, Johns Hopkins University School of Medicine, Department of Medicine, Division of Rheumatology, Baltimore MD

#### Personal Data:

##### Greece:

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14562, Greece  
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E-mail: [dp2544@columbia.edu](mailto:dp2544@columbia.edu)

##### United States:

Columbia University, College of Physicians and Surgeons  
New York Presbyterian Hospital  
P&S Building, Suite 10-455  
New York, NY 10032  
Ph: (212) 305-6192  
Fax: (212) 304 6070  
E-mail: [dp2544@jhmi.edu](mailto:dp2544@jhmi.edu)

Nationality: Greek  
Visa Status for appointment at Columbia : O-1 (Scientist of extraordinary ability)

## **Education and Training**

### **Undergraduate:**

- Not applicable for Greek educational system  
One-year studies in School of Biology, University of Iraklion, Creta, Greece

### **Doctoral/Graduate**

- 1999 M.D., Aristotle University of Thessaloniki, Thessaloniki, Greece
- 2009 Certification in Musculoskeletal Ultrasound for Rheumatologists, UltraSound School Of North America for Rheumatologists ( USSONAR), Philadelphia, USA
- 2012 MPH, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA

### **Postdoctoral**

- 1999-00 Social Service-Internship, General Hospital of Grevena, Grevena, Greece  
(Obligatory for Medicine Graduates in Greece)
- 2001-02 Military service-Internship, Greek Army – Military Hospital of Xanthi, Xanthi,  
Greece. (Obligatory for Male Medicine Graduates in Greece)
- 2003 Internal Medicine Resident, Division of Internal Medicine, Hippokration University Hospital,  
Thessaloniki, Greece.
- 2003-06 Intern, Junior Resident, Senior Resident, Junior Chief Resident, Department of Medicine Albany  
Medical College – Union University, Albany, New York.
- 2006- 09 Postdoctoral Fellow, Department of Medicine, Division of Rheumatology Johns Hopkins University  
School of Medicine, Baltimore, Maryland.
- 2008- 12 Master of Public Health Student, Johns Hopkins School of Public Health, Baltimore, Maryland.

### **Professional experience**

- 2009-10 Instructor of Medicine, Department of Medicine, Division of Rheumatology, Johns Hopkins University  
School of Medicine, Baltimore, Maryland.
- 2010-10 Assistant Professor of Medicine, Department of Medicine, Division of Rheumatology, Johns Hopkins  
University School of Medicine, Baltimore, Maryland.
- 2010- current Assistant Professor of Medicine, Department of Medicine, Division of Rheumatology, Columbia  
University School of Medicine, New York, NY.
  - Until Aug 2013 as full time and since as part-time adjunct

## **RESEARCH ACTIVITIES**

### **Extramural Funding**

- 07/01/11-06/30/15 Inflammation and cardiovascular disease in rheumatoid arthritis  
NIH/NIAMS  
2R01 AR050026-07 (\$2,059,071)  
Bathon (PI), Institution: Columbia University  
Total Direct Costs: 10% effort  
Role: Co-investigator
- 07/01/09-06/30/14 Longitudinal Comparative effectiveness & Safety of Biologics in Autoimmunity (The  
CERTAIN study)  
AHRQ

Curtis (PI), Institution: University of Alabama  
RO1 RO1HS018517 ( \$2,393,997)  
Role: Co-investigator

&

Consortium of Rheumatology Researchers of North America ( CORRONA)  
Total Direct Costs: 50% effort  
Role: Scientific Director for CERTAIN Study.

07/01/10-06/30/12 RA-associated Lung Disease: Using Quantitative Markers to Improve Clinical Practice  
American College of Rheumatology Within Our Reach  
Danoff (PI), Institution: Johns Hopkins  
Total Direct Costs: 20% effort (relinquished upon leaving Johns Hopkins)  
Role: Co- investigator

07/01/10-06/30/12 *RA-associated Lung Disease: Using Quantitative Markers to Improve Clinical Practice*  
American College of Rheumatology Within Our Reach  
*Bathon (PI), Institution : Johns Hopkins*  
*Total Direct costs: 20% effort*  
*Role: Co-investigator (relinquished upon leaving Johns Hopkins)*

07/01/07-06/30/10 The role of PAD4 in the pathogenesis of rheumatoid arthritis  
MARRC Senior Fellowship  
Arthritis Foundation, MD Chapter  
Total Direct Costs: \$150,000  
Role: Principal Investigator

**Pending funding:**

*Validating PROMIS Item Banks in Rheumatoid Arthritis Clinical Care and Research.*  
*NIH RO1 (RFA-AR-12-007)*  
Bingham (PI), Institution: Johns Hopkins  
Total Direct Costs: 5% effort - \$66,698  
Role: Co-investigator

*Validating a novel case finding strategy to identify both early and prevalent rheumatoid arthritis (RA) cases within the Multi-Ethnic Study of Atherosclerosis (MESA).*  
*Northwestern's MCRC P60*  
*Majka( PI) Institution : Northwestern University*  
*Total Direct Costs: 10% effort*

## Other research activities (non funded)

Optical Tomographic Imaging (OTI): A pilot study prior to submitting a grant application. It attempts to validate OTI - a new imaging technique devoid of radiation exposure for the patient – against physical examination, musculoskeletal ultrasound, and disease activity measures for the evaluation of synovitis in Rheumatoid arthritis. This research is currently IRB approved and enrolls patients at Columbia University.

*In collaboration with Andreas Hielscher PhD Professor of Biomedical Engineering, Electrical Engineering & Radiology at Columbia University, New York, NY*

Chronic Obstructive Pulmonary Disease (COPD) in Rheumatoid Arthritis: A pilot study prior to submitting a grant application. It attempts to validate Computer Tomographic Densitometry – an imaging modality capable of quantifying pulmonary parenchyma involvement by COPD/emphysema. Data already acquired are being verified and analyzed. Lung involvement (including COPD) is the second cause of mortality in patients with Rheumatoid Arthritis.

*In collaboration with Graham Barr MD, Professor of Medicine (pulmonology) at Columbia University, College of Physicians and Surgeons, New York, NY & in Collaboration with the radiology Department of the university of Iowa.*

Development of a Systemic Lupus Erythematosus (SLE) Registry in the United States: Leveraging the expertise I acquired in developing an international registry ( CORRONA international – 5790 patients in Latin America, Asia and Europe) and a comparative effectiveness and safety study ( CORRONA CERTAIN – 2733 patients across the United States) I am designing an observational registry in SLE.

*In collaboration with George Tsokos MD, Professor of Medicine (Rheumatology) at Harvard University, Beth Israel Hospital, Boston, MA*

## EDUCATIONAL ACTIVITIES

### Peer-reviewed publications

1. **Pappas DA**, Taube JM, Bathon JM, Giles JT. A 73-Year-Old Woman with Rheumatoid Arthritis and Shortness of Breath. *Arthritis Rheum.* 2008 Jun 15;59(6):892-9.
2. **Pappas DA**, Gelber CA. An emerging imitator. *Am J Med.* 2008 Nov;121(11):952-5.
3. **Pappas DA**, Giles JT, Connors G, Wise RA, Lechtzin N, Bathon JM, Danoff SK. Respiratory symptoms and disease characteristics as predictors of pulmonary function abnormalities in patients with rheumatoid arthritis: an observational cohort study. *Arthritis Res Ther.* 2010 May 27;12(3):R104.
4. Giles JT, Fert-Bober J, Park JK, Bingham CO 3rd, Andrade F, Fox-Talbot K, **Pappas D**, Rosen A, van Eyk J, Bathon JM, Halushka MK. Myocardial citrullination in rheumatoid arthritis: A correlative histopathologic study. *Arthritis Res Ther.* 2012 Feb 24;14(1):R39.
5. **Pappas DA**, Oh C, Plenge R, Greenberg J. Association of Rheumatoid Arthritis Risk Alleles with Response to Anti-TNF Biologics: Results from the CORRONA Registry and Meta-analysis. *Inflammation.* 2012 Sep 25 ( Epub ahead of print)
6. Navarro-Millán I, Chen L, Greenberg JD, **Pappas DA**, Curtis JR. Predictors and persistence of new-onset clinical remission in rheumatoid arthritis patients. *Semin Arthritis Rheum.* 2013 Jun 3. [Epub ahead of print]
7. Giles JT, Danoff SK, Sokolove J, Wagner CA, Winchester R, **Pappas DA**, Siegelman S, Connors G, Robinson WH, Bathon JM. Association of fine specificity and repertoire expansion of anticitrullinated peptide antibodies with rheumatoid arthritis associated interstitial lung disease. *Ann Rheum Dis.* 2013 May 28. [Epub ahead of print]
8. Yarwood A, Han B, Raychaudhuri S, Bowes J, Lunt M, **Pappas DA**, Kremer J, Greenberg JD, Plenge R; Rheumatoid Arthritis Consortium International (RACI), Worthington J, Barton A, Eyre S. A weighted genetic risk score using all known susceptibility variants to estimate rheumatoid arthritis risk. *Ann Rheum Dis.* 2013 Oct 3. [Epub ahead of print]

9. McAllister K, Yarwood A, Bowes J, Orozco G, Viatte S, Diogo D, Hocking LJ, Steer S, Wordsworth P, Wilson AG, Morgan AW; UK Rheumatoid Arthritis Genetics Consortium; Rheumatoid Arthritis Consortium International, Kremer J, **Pappas D**, Gregersen P, Klareskog L, Plenge R, Barton A, Greenberg J, Worthington J, Eyre S. *Meta-analysis identifies BACH2 and RAD51B as rheumatoid arthritis susceptibility loci. Arthritis Rheum.* 2013 Sep 10. doi: 10.1002/art.38183. [Epub ahead of print]
10. Okada Y, Wu D, Gosia Trynka, Towfique Raj, Chikashi Terao, Katsunori Ikari, Kochi Y, Ohmura K, Suzuki A, Yoshida S, Robert R. Graham RR, Manoharan A, Ortmann W, Bhangale T, Denny JC, Carroll RJ, Eyster AE, Greenberg JD, Kremer JM, **Pappas DA**, et al. Genetics of rheumatoid arthritis contributes to biology and drug discovery. [Accepted in Nature]

**Submitted or In preparation:**

11. **Pappas DA**, Hooper M, Kremer JM, Reed G, Shan Y, Wenkert D, Greenberg JD, Curtis J. Factors associated with reactivation of Herpes Zoster in patients with Rheumatoid Arthritis and comparison of risk conferred by disease modifying anti-rheumatic drugs. (To be submitted to Annals of Rheumatic Diseases)
12. Dannoff S, **Pappas DA**, Connors J, Giles J, Bathon J. Quantitative Densitometry of pulmonary CT Scans: Utility in Interstitial Lung Disease associated with Rheumatoid Arthritis. (To be submitted to Annals of Rheumatic Diseases)
13. Kwangwoo Kim; So-Young Bang; Hye-Soon Lee; Soo-Kyung Cho; Chan-Bum Choi; Yoon-Kyoung Sung; Tae-Hwan Kim; Jae-Bum Jun; Dae Hyun Yoo; Young Mo Kang; Seong-Kyu Kim; Chang-Hee Suh; Seung-Cheol Shim; Shin-Seok Lee; Jisoo Lee; Won Tae Chung; Jung-Yoon Choe; Hyoung Doo Shin; Jong-Young Lee; Bok-Ghee Han; Steve Eyre; John Bowes; **Dimitrios A Pappas**; Joel M Kremer; Yukinori Okada; Dorothée Diogo; Katherine P Liao; Elizabeth W Karlson; Soumya Raychaudhuri; Lars Klareskog; Leonid Padyukov; Peter K Gregersen; Jane Worthington; Jeffrey D Greenberg; Robert M Plenge; Sang-Cheol Bae. High-Density Genotyping of Immune Loci in Koreans and Europeans Identifies 8 New Rheumatoid Arthritis Risk Loci. ( Submitted to PLOS genetics)
14. **Pappas DA**, Kremer JM, Greenberg JD, Curtis JR. Design Characteristics of the CORRONA CERTAIN Study: A Comparative Effectiveness and Biomarker Study of Rheumatoid Arthritis Biologic Agents. (Submitted to the BMC MSK )

**Invited Review Articles**

1. **Pappas DA**, Giles JT. Do Anti-tumor Necrosis Factor Agents Increase the Risk of Postoperative Orthopedic Infections?. *Curr Opin Rheumatol.* 2008 Jul;20(4):450-6
2. **Pappas DA**, Bathon JM, Hanicq D, Yasothan U, Kirkpatrick P. Golimumab. *Nature Reviews Drug Discovery.* 2009 Sep;8(9):695-6
3. **Pappas DA**, Geraldino-Pardilla L, Bathon JM. Immune modulation of Rheumatoid Arthritis. *Best Pract Res Clin Rheumatol.* 2011 Dec;25(6):873-89.

**Book Chapters, Monographs**

1. **Pappas DA**, Bathon JM. (2008). Treatment of Rheumatoid Arthritis: Tumor Necrosis Factor Inhibitors. In Hohnberg MC, Silman AJ, Smolen JS, Wenblatt ME, Weisman MH (Eds), *Rheumatoid Arthritis* (pp 337-349). Philadelphia: Mosby

2. **Pappas DA.** Musculoskeletal Ultrasound in Rheumatology. In Current Medical Diagnosis and Treatment ((Rheumatology), McGraw-Hill) Third Edition, (pp 515-520). Lange
3. **Pappas DA,** Kremer JM. Registry Design: Developing Prospective Nested Studies in Existing Registries. In Registries for Evaluating Patient Outcomes . *Agency for Healthcare Research and Quality publication* Third Edition
4. **Pappas DA,** Bathon JM. Management of Rheumatoid Arthritis: Synovitis. In Hohcberg MC, Silman AJ, Smolen JS, Wenblatt ME, Weisman MH (Eds), *Rheumatology* , 6<sup>th</sup> edition. Elsevier ( In preparation)
5. **Pappas DA,** Bathon JM. Rheumatoid Arthritis: Extraarticular manifestations. In Mackay IR, Rose NR (Eds), *Encyclopedia of Medical immunology.* Springer

### Case Reports

1. **Pappas DA.** A young woman with cervical lymphadenopathy – A case report. Albany Medical Review 2004; [www.amc.edu/Amr/archives/200411/case3.html](http://www.amc.edu/Amr/archives/200411/case3.html)

### Abstracts (sample)

- For ACR meeting 2013: 2 abstracts have been accepted as oral presentations ( 1 as presenting author and one as co-author) and 11 abstracts have been accepted as poster presentations (7 as 1st author, 1 as senior author, 2 as co-author).
- For EULAR meeting 2013: 1 abstract was accepted as oral presentation and 3 abstracts were accepted as poster presentations
- A sample of abstracts/presentations at international meetings follows below.

1. **Pappas DA.** When vertigo turns out to be Sarcoidosis. American College of Physicians, 2005 Annual Scientific meeting, San Fransisco, California, April 2005
2. **Pappas DA,** Pappa C, Kremer JM. Giant Cell Arteritis presenting as aortitis and subsequent aortic dissection. American College of Physicians, 2005 Annual New York Chapter Upstate Scientific Meeting, Rochester, New York, October 2005.
3. **Pappas DA,** Stevens C, Greenberg JD , Reed G, Greenstein N, Kremer JM, Flaherty L. Identification Of Single Nucleotide Polymorphisms In The Mmp3 And Scgb1a1 Genes Associated With Ra Susceptibility In A Caucasian Population. Arthritis and Rheumatism Abstract Supplement 2005; 52(9):S147. American College of Rheumatology National Meeting.
4. **Pappas DA,** Greenberg JD, Stevens C, Reed G, Greenstein N, Flaherty L, Kremer JM. Polymorphisms Of The Uteroglobin Gene As A Marker Of Disease Activity In Rheumatoid Arthritis. Arthritis and Rheumatism Abstract Supplement 2005; 52(9):S120. American College of Rheumatology National Meeting.
5. **Pappas DA,** Greenberg JD, Stevens C, Reed G, Greenstein N, Flaherty N, Kremer JM. Identification Of A Single Nucleotide Polymorphism In MIF Gene Associated with Erosive Radiographic Damage in Patients with Rheumatoid Arthritis. Arthritis and Rheumatism Abstract Supplement 2005; 52(9):S146 American College of Rheumatology National Meeting.
6. **Pappas DA,** Rodriguez-Pla A, Bathon JM, Giles JT. Glucocorticoid Treatment is Associated with Increased Prevalence of Insulin Resistance In Subjects With Rheumatoid Arthritis. Arthritis and Rheumatism Abstract Supplement 2007; 56(9):S411. American College of Rheumatology National Meeting.
7. Danoff SK, **Pappas DA,** Bathon JM. Prevalence Of PFT Abnormalities And Respiratory Symptoms In An RA Patient Cohort. American Thoracic Society, 2008 International Meeting, Toronto, Canada, May 2008.

8. **Pappas DA**, Giles JT, Connors G, Leczyn N, Bathon JM, Danoff SK. Respiratory symptoms and disease characteristics as predictors of Pulmonary Function Abnormalities(PFT) in Patients with Rheumatoid Arthritis (RA). Arthritis and Rheumatism Abstract Supplement 2009; 60(10):S359 American College of Rheumatology National Meeting.
9. Harrington JT, **Pappas DA**, Messing S, Tu X, Chen R, Kaukeinen K, Pietras T, Greenberg JD, Kremer JM. Dosing of Anti-Tumor Necrosis Factor Biologics (Anti-TNFs) for Rheumatoid Arthritis (RA) and Psoriatic Arthritis (PsA) in Clinical Practice in the United States. Arthritis and Rheumatism Abstract Supplement 2010, American College of Rheumatology National Meeting.
10. **Pappas D A**, Kremer JM, Reed G, Greenberg J, Curtis JR. The CORRONA CERTAIN study. A comparative effectiveness and biomarker study of Rheumatoid Arthritis Patients. American College of Rheumatology Clinical Trial Poster Exhibit. 2010
11. **Pappas DA**, Rathbun A, Reed G, Kremer JM, Villanueva I, Devenport J, Ogale S, John A, Greenberg J. Profile of Rheumatoid Arthritis Patients Treated with Tocilizumab in a United States Registry Population. Arthritis and Rheumatism Abstract Supplement 2011, American College of Rheumatology National Meeting.
12. Eberle E, **Pappas DA**, Kinght E, Raddatz D, Messing S, Tu X, Chen R, Kaukeinen K, Reed G, Greenberg G, Kremer JM. Association of BMI and Psoriatic Arthritis Activity. Arthritis and Rheumatism Abstract Supplement 2011. Presented at: American College of Rheumatology National Meeting.
13. **Pappas DA**, Hooper M, Reed G, Shan Y, Wenkert D, Zhang J, Greenberg J, Collier D, Curtis J. Risk for Herpes Zoster in patients with Rheumatoid and Psoriatic Arthritis. Arthritis and Rheumatism Abstract Supplement 2011. Presented at: American College of Rheumatology National Meeting.
14. **Pappas DA**, Kremer JM, Reed G, Greenberg J, Curtis JR. The CORRONA CERTAIN study. A comparative effectiveness and biomarker study of Rheumatoid Arthritis Patients. Presented at: American College of Rheumatology International meeting Clinical Trial Poster Exhibit. 2011
15. **Pappas DA**, Hooper M, Reed G, Shan Y, Wenkert D, Zhang J, Greenberg J, Collier D, Curtis J. Risk for Herpes Zoster after Treatment with Biologic and Synthetic Disease Modifying Agents for Rheumatoid Arthritis. Annals of Rheumatic Diseases Abstract Supplement 2012. Presented at: European League Against Rheumatism (EULAR) international meeting 2012
16. Pala O, Messing S, Hopkins A, Reed G, Perez Rivera M, Acosta M, Kremer JM, Lozada C, **Pappas DA**. Effect of Alcohol on response to TNF inhibitor therapy for Rheumatoid Arthritis. Annals of Rheumatic Diseases Abstract Supplement 2012. Presented at: European League Against Rheumatism (EULAR) international meeting 2012
17. Pala O, Messing S, Hopkins A, Reed G, Perez Rivera M, Acosta M, Kremer JM, Lozada C, **Pappas DA**. Effect of Smoking on response to TNF inhibitor therapy for Rheumatoid Arthritis. Annals of Rheumatic Diseases Abstract Supplement 2012. Presented at: European League Against Rheumatism (EULAR) international meeting 2012  
\*Selected as one of the highlighted abstracts of the meeting

**Other media (films, videos, CD-ROMs, slide sets, etc)**

1. **Ask the expert educational videos. The Johns Hopkins Arthritis Center Website.** Pappas DA, Ruffing V. Ultrasound and Rheumatoid Arthritis. <http://www.hopkins-arthritis.org/ask-the-expert/video/>
2. **Ask the expert educational videos. The Johns Hopkins Arthritis Center Website:** Pappas DA, Ruffing V. Symptoms of Rheumatoid Arthritis. <http://www.hopkins-arthritis.org/ask-the-expert/video/>
3. **Ask the expert educational videos. The Johns Hopkins Arthritis Center Website:** Pappas DA, Ruffing V. How to locate a rheumatologist. <http://www.hopkins-arthritis.org/ask-the-expert/video/>
4. **WEBMD:** Pappas DA. Biologic treatment in Rheumatoid Arthritis. Ask the expert video. <http://www.webmd.com/rheumatoid-arthritis/biologics-10/choosing-biologics-video>
5. **CBS television broadcast: Musculoskeletal Ultrasound in Rheumatology:** Pappas DA

CBS New York: <http://newyork.cbslocal.com/video/7031241-dr-max-gomez-arthritis-ultrasounds/>

CBS Pittsburgh: <http://pittsburgh.cbslocal.com/2012/04/20/ultrasound-offering-arthritis-patients-some-relief/>

\*this story was broadcasted in several states by CBS

6. **CBS Radio Broadcast: The Osgood File – Ultrasound for Arthritis**

<http://www.westwood-backup.com/pg/jsp/osgood/transcript.jsp?pid=34091>

## Teaching

### Classroom Instruction

2005-2006	Albany Medical College – Union University. Junior Chief Resident Lectures. Pathophysiology in Internal Medicine, for 3 <sup>d</sup> year medical students.
2010-	Columbia University, College of Physician and Surgeons: Pathophysiology course lecturer and instructor for Columbia University Medical Students
2010-	Columbia University, College of Physician and Surgeons : Internal Medicine Resident Didactic noon conference lecturer
2010-	Columbia University, College of Physician and Surgeons : Physical medicine and Rehabilitation Resident Morning didactic noon conference lecturer
2012	Columbia University, Mailman School of Public Health: MPH student Lecture ( Topic: Epidemiology of Chronic diseases)

### Clinical Instruction

2005-2006	Albany Medical College – Union University, Junior Chief Resident Clinical Instruction, Medical history and physical examination skills for 3 <sup>d</sup> year medical students.
2006-2009	Johns Hopkins University, Small Group Preceptor for Patient Encounters, "Clinical Skills" - an introduction to history and physical examination for second year medical students.
2009-2010	Johns Hopkins Arthritis Center: Bedside instruction of residents fellows in Arthritis Center. Teaching of Musculoskeletal Ultrasound to Rheumatology fellows in Rapid Arthritis Care and Evaluation (RACE) center.
2010-	Columbia University, College of Physician and Surgeons : Bedside instruction of residents fellows in Arthritis Center. Teaching of Musculoskeletal Ultrasound to Rheumatology fellows in Fast Arthritis Sonographic evaluation and Treatment (FAST) center.

#### CME instruction

07/21/06	Differential diagnosis of arthritis and rash in the setting of Cystic Fibrosis. Rheumatology Rounds , Division of Rheumatology, Johns Hopkins University
08/04/06	The role of MRI imaging in the evaluation of sacroiliitis. Rheumatology Rounds , Division of Rheumatology, Johns Hopkins University
10/13/06	An Emerging "Great Imitator". Rheumatology Rounds , Division of Rheumatology, Johns Hopkins University
01/19/07	"An Ulcer in the Buttock". Rheumatology Rounds , Division of Rheumatology, Johns Hopkins University
10/19/07	Glucocorticoid Treatment is Associated with Increased Insulin Resistance in Subjects with Rheumatoid Arthritis. Rheumatology Rounds , Division of Rheumatology, Johns Hopkins University
07/22/10	Rheumatology Preceptorship, Interstitial Lung Disease in Rheumatoid Arthritis, Division of Rheumatology, The Johns Hopkins Hospital, Baltimore, MD.

#### **Mentoring**

##### Advisees

2009- 2010	Marzouq Qubti, MD, Post-Doctoral Rheumatology Fellow. ( Role: mentoring in the use of musculoskeletal ultrasound use for diagnostic and interventional purposes in patients with arthritis)
2009-2010	Janet Maynard, MD, Post-Doctoral Rheumatology Fellow. ( Role: mentoring in the use of musculoskeletal ultrasound use for diagnostic and interventional purposes in patients with arthritis)
2010- present	Anastasia Markopoulou, MD, Post-Doctoral Rheumatology Fellow. ( Role: <ol style="list-style-type: none"> <li>1. mentoring in the use of musculoskeletal ultrasound use for diagnostic and interventional purposes in patients with arthritis)</li> <li>2. mentoring in clinical research, epidemiology and biostatistics)</li> </ol>

#### **CLINICAL ACTIVITIES**

##### **Certification**

Medical, other state/government licensure

2010 – Present            New York# 003727-1  
2009 - 2010            Maryland # DOO 68969

Boards, other specialty certification

2003                            Educational Commission for Foreign Medical Graduates /ECFMG  
2006                            American Board of Internal Medicine  
2009                            American Board of Internal Medicine ( Rheumatology)  
2009                            Ultrasound School of North America for Rheumatologists ( Musculoskeletal Ultrasound for Rheumatology)

**Clinical (Service) Responsibilities**

2009 – 2010                    Johns Hopkins Arthritis Center Clinic  
2009 – 2010                    Johns Hopkins Rapid Arthritis Care and Evaluation (RACE) center  
2009 – 2010                    Johns Hopkins Bayview, attending, Rheumatology Consult Service  
  
2010 – present                New York Presbyterian Hospital, Arthritis Center Clinic  
2010 – present                New York Presbyterian Hospital, Fast Arthritis Sonographic Evaluation and Treatment (FAST) center, attending,  
2010 – present                New York Presbyterian Hospital , Attending, Rheumatology Consult Service  
2010 - present                New York Presbyterian Hospital, Attending, Internal Medicine Service

**ORGANIZATIONAL ACTIVITIES**

**Institutional Administrative Appointments**

2009 – 2010                    Co-director, Rapid Arthritis Care and Evaluation (RACE) center, Division of Rheumatology, Department of Medicine, Johns Hopkins University  
2010- present                Director, Fast Arthritis Sonographic evaluation and Treatment ( FAST) center, Division of Rheumatology, Department of Medicine, Coilumbia University, College of Physicians and Surgeons

**Editorial Activities**

**Journal peer-review activities, Reviewer**

2008 - present                Arthritis and Rheumatism  
2008 - present                Arthritis Care and Research  
2008- present                The American Journal of Medicine  
2010- present                US Musculoskeletal Review  
2010- present                Lupus

**Advisory Committees, Review Groups/Study Sections**

2009 - present                Member, OMERACT, Connective Tissue Disease Related Interstitial Lung Disease Special Interest Group (CTD-ILD SIG)

2010- present	Scientific director – CORRONA CERTAIN study, Consortium of Rheumatology Researchers of North America.
2011- present	Scientific director – CORRONA International , Consortium of Rheumatology Researchers of North America.
2010- present	Scientific Advisory Board –Consortium of Rheumatology Researchers of North America (CORRONA).

**Professional Societies:**

1999-present	Member, Greek Medical Association
2004-present	Member, American College of Physicians
2006-present	Member, American College of Rheumatology
2008-present	Member, Arthritis Foundation
2009-present	Member, American Medical Association

**RECOGNITION**

**Awards, Honors**

2004	ACP Poster Finalist, National Associates Clinical Associate Poster Competition
2005	Albany Medical College – Union University Housestaff Research Award.
2006	MARRC Senior Fellowship, Arthritis Foundation, Maryland Chapter
2006	American College of Rheumatology ACR-FIT scholarship)
2007	American College of Rheumatology ACR-FIT scholarship

**Invited Talks, Panels**

2010	Speaker, RNS national meeting, “Patient reported outcomes”, Chicago, Illinois
2010	Speaker, University of Athens, Joint Training Program on Systemic Rheumatic Diseases , “Respiratory Involvement in Rheumatoid Arthritis”, Athens, Greece
2010	Speaker, Weill Cornell University Grand Rounds, Lincoln Hospital, Rheumatoid Arthritis in the era of biologic agents, New York, NY
2011	Speaker, SPAR Rheumatology Meeting “Rheumatoid Arthritis and Cardiovascular Risk Factors”, Monterey, CA
2011	Panel Member, AHRQ Outcome Initiative: Registries of Patient Registries Washington, DC
2011	Tutor/Instructor, Advanced Course for Musculoskeletal Ultrasound for Rheumatologists, University of Florida, Jacksonville, FL
2012	Panel Member, Consortium of Scientific Researchers of North America Scientific Advisory Board, Chicago, IL
2012	Round Table Discussion for the use of musculoskeletal ultrasound in Rheumatology, American College of Rheumatology national meeting, “Disease Activity Measures”, Washington, DC
2013	Speaker, Novartis Educational Meeting, “Psoriatic Arthritis”, New York, NY

