

**EMORY UNIVERSITY SCHOOL OF MEDICINE
CURRICULUM VITAE-NEERU JAYANTHI, M.D.**

Revised: October 19th, 2015

1. Name: Neeru A Jayanthi
2. Office Address:
*Emory Johns Creek Hospital-Medical Office Bldg
Suite 302-Emory Orthopaedics, Sports, Spine
6335 Hospital Parkway
Duluth, GA 30097*

Telephone: (770) 778-1831
Fax:
3. E-mail Address: neeru.jayanthi@gmail.com
4. Citizenship:
USA
5. Current Titles and Affiliations:
 - a. Academic Appointments:
 - i. Primary Appointments:
*Associate Professor, Department of Family Medicine, Loyola University Chicago,
Stritch School of Medicine.
2009-present*
 - ii. Joint and Secondary Appointments:
*Associate Professor, Department of Orthopaedic Surgery & Rehabilitation, Loyola University
Chicago, Stritch School of Medicine.
2009-present*
 - b. Clinical Appointments:

*Medical Director, Primary Care Sports Medicine, Loyola University Health System
2008-present*
 - c. Other Administrative Appointments:

Director, Loyola Tennis Medicine, Loyola University Health System
2011-present.

Sports Medicine Medical Student Elective, Supervisor, Loyola University Chicago
Stritch School of Medicine
2004-present

Sports Medicine Resident Rotation and Elective, Supervisor, Loyola University Health System
2004-present
6. Previous Academic and Professional Appointments:
 - i. Primary Appointments:
*Associate Professor, Department of Family Medicine, Loyola University Chicago,
Stritch School of Medicine, 2003-2009*

ii. Joint and Secondary Appointments:

Associate Professor, Department of Orthopaedic Surgery & Rehabilitation, Loyola University Chicago, Stritch School of Medicine, 2005-2009

7. Previous Administrative and/or Clinical Appointments:

Family Medicine Medical Student Clerkship, Supervisor, Loyola University Chicago Stritch School of Medicine, 2004-2008

8. Licensures/Boards:

Georgia License 2015-2017 (Active)
Illinois License 1998-2017 (Active)
Indiana License 2003-2011 (Currently Inactive)

9. Specialty Boards:

American Board of Family Medicine 2001-2008
American Board of Family Medicine Recertified 2008-2018
American Board of Family Medicine, Subspecialty Sports Medicine 2003-2013
American Board of Family Medicine, Subspecialty Sports Medicine Recertified 2013-2023

10. Education:

B.S., Biology Honors, University of Illinois at Urbana-Champaign 1990 – 1994
M.D., Loyola University Chicago, Stritch School of Medicine 1994 – 1998

11. Postgraduate Training:

Residency, Rush, Illinois Masonic Family Practice, Chicago, IL, 1998 – 2001
Susan Vandenberg-Dent, M.D.-Program Director

Fellowship, Primary Care Sports Medicine, Indiana University Department of Family Medicine, IU Center for Sports Medicine and Methodist Sports Medicine, Indianapolis, IN, 2001- 2003.
Douglas McKeag, M.D., Greg Rowdon, M.D.-Program Directors

12. Committee Memberships:

a. International:

International Society for Tennis and Medicine Science (STMS) Committee, Chair of Education, 2005- Present.

International Society for Tennis and Medicine Science (STMS), Vice President, 2011 – 2015

International Society for Tennis and Medicine Science (STMS), President, 2015 – 2019

b. National

American Medical Society for Sports Medicine (AMSSM) Research Committee, 2003 –Present

American Medical Society for Sports Medicine (AMSSM), Overuse Injuries in Children Committee, 2012 – 2013

American Medical Society for Sports Medicine (AMSSM), Branding Task Force, 2013 – 2014

American Academy of Pediatrics (AMSSM Liaison) to Council of Sports Medicine Fitness (COSMF), 2013-2014.

American Medical Society for Sports Medicine (AMSSM), Board Of Directors,(including re-election in 2014 for another 2 year term),2012 – 2016

American Medical Society for Sports Medicine (AMSSM), Chair Membership Committee, 2012 – 2016.

c. Regional

IAFP Low Back CME Guidelines Committee Chair, Illinois Academy of Family Physicians; 2008

d. Institutional:

Awards Committee, Stritch School of Medicine, 2003 – Present

SSOM Evaluation Subcommittee- Central Curricular Authority (CCA), 2003- 2005

SSOM Central Curricular Authority Committee, Stritch School of Medicine, 2005 – 2012.

Invited Faculty, Expert Advisory Committee for Development and Integration of Exercise Physiology, Loyola University Chicago; 2008- present

13. Peer Review Activities:

a. Grants:

i. National and International:

American Medical Society for Sports Medicine (AMSSM) Foundation Grant Review Committee, 2009 –2011

International Society for Tennis and Medicine Science (STMS) grant review and research award selection committee (2009-present)

Manuscripts:

2006-present	Reviewer (ad hoc)	Journal of Med and Science in Tennis
2009-present	Editorial Board	Journal of Med and Science in Tennis
2008-present	Reviewer (ad hoc)	Current Sports Medicine Reports
2006-present	Reviewer (ad hoc)	British Journal of Sports Medicine
2011-present	Reviewer (ad hoc)	Journal of Sports Biomechanics
2013-present	Reviewer (ad hoc)	Journal Sports Health

b. Conference Abstracts:

i. National and International:

American Medical Society for Sports Medicine Annual Meetings, 2008-present.
Abstract reviewer for selection for research sessions or abstract grader for research oral podium/poster sessions.

STMS (Society for Tennis and Medicine Science) Annual Congress, research

abstract reviewer, San Jose, CA , February 11, 2011

STMS (Society for Tennis and Medicine Science) North American Regional Conference, research abstract reviewer, Atlanta, GA , December, 2012.

STMS (Society for Tennis and Medicine Science) North American Regional Conference, research abstract reviewer, Atlanta, GA , July, 2014.

14. Consultantships:

International Tennis Performance Association (ITPA), Consultant, 2012 – Present
Advice on medical content for premier international tennis performance association as well as collaborate with educational content and conferences.

Aspen Institute, Sports and Society Project Play, Expert Consultant, 2013 – Present
Non-Profit National think tank of country's experts to produce societal change in youth sports and to Redevelop the Landscape of Youth Sports with Numerous National Governing Bodies.

Women's Tennis Association (WTA) Professional Tennis Tour Player Development Advisory Panel, Medical Advisor/Consultant, 2014 – Present
Invited as one of 6 international members to advise on medical and player health issues or Woman's Professional Tennis tour

American Academy of Pediatrics Council of Sports Medicine Fitness (COSMF), Consultant, 2014 – present
Invited as the only non-pediatrician on the COSMF to help advise throughout the year, participate in semi-annual COSMF in person meetings and submit content and participate in annual scientific meeting.

15. Editorships and Editorial Boards:

2005-present Editorial Board Journal of Medicine and Science in Tennis

17. Honors and Awards:

Family Practice Resident Teacher of the Year, Class of 2001 Rush-Illinois Masonic Family Practice Residency Graduation, Chicago, IL, 2000 - 2001

Volunteer of the Year (tournament physician) for all volunteers (>1200) for service during one week ATP professional tennis tournament in Indianapolis, IN, 2007

Recipient of the Dan Conroyd Award, Loyola University Athletic Department recognizes at Loyola staff member that has provided dedicated service and contributions to Loyola Athletics, 2009

Best Research paper, 2011, Journal Medicine Science in Tennis. **Jayanthi, NA**, Dechert A, Durazo R, Luke A, "Training and Specialization Risks in junior elite tennis players", *Journal of Medicine Science and Tennis*: February, 2011: Vol 16, No 1, pp14-20.

"Top Doctors of Chicagoland Western Suburbs;" only primary care sports medicine doctor listed by Castle Connolly, 2014

"Teaching Faculty of the Year" teaching award by the Loyola PMR residency program, 2015.

"Faculty of the Year" awarded by the Loyola-Cook County Family Practice Residency program, 2015.

16. Society Memberships:

American Academy of Family Physicians, 1998 – Present
American Medical Society for Sports Medicine, 2001 – Present
American College of Sports Medicine, 2001 – Present
Society for Tennis and Medicine Science, 2002 – Present
United States Professional Tennis Association (USPTA), 2004 – Present
Society for Teachers in Family Medicine, 2003 – Present

17. Organization of Conferences:

a. National and International:

i. Administrative Positions:

Assistant Program Director, Mason, STMS (International Society for Tennis and Medicine Science) North American Regional Congress, OH , August, 2008

Scientific Committee, STMS (International Society for Tennis and Medicine Science) World Congress, , Tokyo, Japan, Oct, 2008.

Scientific Committee, STMS (International Society for Tennis and Medicine Science) World Congress, Valencia, Spain Nov., 2009

Assistant Program Director, STMS (International Society for Tennis and Medicine Science) World Congress, San Jose, CA , February 11, 2011

Scientific Committee , STMS (International Society for Tennis and Medicine Science) World Congress, Paris, France Nov., 2011

Program Planning Committee, American Medical Society for Sports Medicine (AMSSM), 2011, Atlanta, GA

Scientific Committee, STMS (International Society for Tennis and Medicine Science) World Congress, Rome, Italy, May., 2015

ii. Sessions as Chair:

Course Director, STMS-USTA North American Regional Tennis Medicine and Injury Prevention Conference, Atlanta, GA, December 2012

Course Director, STMS-ITPA North American Regional Tennis Medicine and Performance Conference, Atlanta, GA, July 2014.

b. Institutional:

i. Sessions as Chair:

Course Director, Loyola Sports Medicine Update 2005 CME conference, Loyola University Medical Center, Maywood, IL, November 2005

Course Director, Loyola Sports Medicine Update – Female Update 2006 CME conference, Loyola University Medical Center, Maywood, IL, November 2006

Course Director, Annual Coach's Clinic conference, Loyola University Medical Center,

Maywood, IL, May 2007

Course Director, Sports Medicine Annual Coach's Clinic conference, Loyola University Medical Center, Maywood, IL, May 2008

Course Director, Loyola Sports Medicine Update CME conference, November 2008

Course Director, Loyola Sports Medicine Update CEU conference, November 2009

Course Director, Loyola Sports Medicine Annual Coach's Clinic conference, Lewis University, Romeoville, IL, June 2010

Course Director, Loyola Sports Medicine Update CEU conference , November 2010

Course Director, Loyola Tennis Medicine Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

Course Director, Loyola Sports Medicine Update CEU conference, November 2011

Course Director, Loyola Sports Medicine Annual Coach's Clinic conference, Loyola University, Norville Athletic Center, May 2012

Course Director, Loyola Sports Medicine Annual Coach's and Athletic Trainer Conference, Loyola University Medical Center, June 2013

Course Director, Loyola Sports Medicine Update CEU conference, November 2013

Course Director, Loyola Sports Medicine Annual Coaches and Athletic Trainer Conference, Loyola University Medical Center, June 2014

Course Director, Loyola Sports Medicine Update CEU conference, January 2015

18. Clinical Service Contributions:

Developed concept of "Primary Care Sports Medicine" into Loyola University Health Care System: Non-surgical management of sports and musculoskeletal injuries in collaboration with orthopaedic colleagues, 2003

Created New Sports Injury Clinic on Monday's in Musculoskeletal Care Center to allow for nearly immediate access for musculoskeletal injuries. This has allowed for significant access for these services, patient satisfaction, and expedited care with positive outcomes. Approximately 95% of injuries resulted in non-surgical care, 2004

Created concept of Sports Rehabilitation which involves opportunity for nearly immediate access in physical therapy for sports-related conditions with specificity, and also with focus on supervised independent home exercise rehabilitation to minimize unnecessary additional rehabilitation visits. This has allowed for significant access for these services, patient satisfaction, and expedited care with positive outcomes. Mean physical therapy visits were approximately only 2-3 visits per injury, 2005

Tendinopathy protocols-Developed 4 tendinopathy protocols (with junior faculty) to develop unique rehabilitative and interventional approach towards routine and complicated tendinopathies of the elbow, patellar tendon, Achilles tendon as well hamstring injuries, 2007

Working with junior faculty in sports medicine to develop Men's Health Program, Woman's Sports

Medicine Program, and Alternative Medicine in Sports Medicine Program, 2010

Developing Tennis Medicine Program at Loyola-Allows for treatment of tennis players in tennis-specific manner with comprehensive approach involving tennis-specific rehabilitation, tennis modifications and occasional on-court analysis, 2011

Developed Multi-disciplinary Concussion program at Loyola-Allows for immediate access and coordinated care for sports-related concussions with sports medicine, neurology, and availability with neurosurgery and neuropsychology, 2011-present

Developing Multidisciplinary EKG screening program at LUHS with sports medicine and cardiology, 2012-2014

Developed bi-monthly junior tennis player multi-disciplinary educational program with sports medicine and physical therapy at Burr Ridge, 2012

First physician in the healthcare system to use Certified Athletic Trainer as a physician extender for sports medicine practice, as well as for program development, outreach, and educational activities, 2013-2015.

19. Community Outreach:

a. General:

Organized Annual Fundraising Loyola Tennis Tournament for Ronald McDonald House by Loyola 1995-1999.

Volunteer Physician Chicago Triathlon Medical Tent, most years, 1998-present

Assisted in medical coverage, various events with Sports Medicine Fellow; occasional high school football/wrestling, Chicago Sockers (semi-pro soccer) and UIC men's basketball coverage, 1998- 1999

Team Physician, Harper Junior College Football, game coverage, 1999

On-site Physician, Tohkon Classic IV Judo Tournament, 1999

Team Physician, Indiana University, Purdue University at Indianapolis (IUPUI), includes primary continuity coverage of games, events, and weekly training rooms, 2001-2003

Team Physician, Arlington High Schools, includes primary continuity coverage of games, events, and weekly training rooms, 2001-2003

Team Physician, Zionsville High School, includes coverage of games, events, and occasional training rooms, 2001-2003

Physician coverage of numerous mass events including RCA Tennis Championships (ATP tour event), U.S. National Diving Junior Nationals, U.S. Masters Rowing, Indiana State Football, softball, soccer, and baseball Finals, Golden Gloves Boxing, NFL Combines, Conferences USA Swimming Championships, Eagle Creek Triathlon, U.S. Cycling Criterium Nationals, Chicago Triathlon, Chicago Marathon, 2001-2003

Volunteer Physician, RCA ATP Tennis Championships, Volunteer of the Year, Volunteer Physician for care of professional tennis tournament, Indianapolis, IN, 2001 – 2009

Medical Physician, NFL Combines, Perform Screening Histories on invited athletes, 2001 – Present

Team Physician Loyola University Chicago Athletics, includes primary continuity coverage of games, events, and weekly training rooms (Approximately 30 visits/year), 2003 – 2013

Team Physician, Trinity High School, Sports Physicals (Approximately 5 visits/year), 2003 – Present

Team Physician, Proviso Township High Schools, Sports Physicals(Approximately 5 visits/year), 2003 – Present

ISI immersion trip, San Lucas, Guatemala with 10 medical students, to deliver care for underserved community, 2003

Volunteer Physician, select Tuesday nights, Community Health Free Clinic, 2003- Present

Volunteer Physician, Loyola Lakefront Cross Country Invitational, 2003- Present

Volunteer Physician, National Cycling Criterium, Downers Grove, IL, 2003-2008

Volunteer Faculty Physician for Community Health Free Clinic, Intermittent availability for medical student-run clinic, 2003-2007

Team Physician, Lewis University, Sports Physicals, 2005 - 2009

Supervisor, Design program and teach Tennis Injury and Prevention to US National Rank Junior Tennis Players, Score Tennis and Fitness Center, Countryside, IL, 2006 – 2012

Supervisor, Design program and teach Tennis Injury and Prevention to Junior Development Program, Midtown Tennis Club Chicago, IL, 2008- 2012

USTA Regional Training Center-Fitness testing for top junior Midwest tennis players, Midtown tennis club, Chicago, IL, 2009 – 2010

Design program and teach Tennis Injury and Prevention to Junior Development Program, Midtown Tennis Club Chicago, IL, 2011

USTA Regional Training Center-Fitness testing for top junior Midwest tennis players, SCORE tennis club, Countryside, IL, 2010 – 2011

Tournament Physician, NCAA Indoor Tennis Championships, Midtown Athletic Club, Chicago, IL, 2009, 2015

Volunteer Physician, IHSA boys and girls state tennis tournaments, 2009 – 2015

Co-Organized Loyola Tennis Tournament for Loyola Pediatric Research For Ronald McDonald's Children's Hospital, 2009 – Present

Volunteer Physician, Atlanta ATP Tennis Championships, Atlanta, GA, 2010-13

Created and supervised a tennis medicine summer internship for junior tournament tennis players who have an interest in medicine as a career, 2013 – Present

Team Physician, University St. Francis Athletics, Joliet, IL (which includes bi monthly training rooms and football coverage), 2014-2015.

b. Media Appearances:

CNBC.com - "Five Medical Tests For CEO Road Warriors"
1/29/2009

CBS National Radio - "Increased Risk of Single Sports Specialization in Junior Competitive Tennis Players"
11/9/2009

WGN News Local Radio - "Increased Risk of Single Sports Specialization in Junior Competitive Tennis Players"
11/9/2009

WGN News-TV - "Increased Risk of Single Sports Specialization in Junior Competitive Tennis Players"
11/10/2009

Weekly Reader - "Increased Risk of Single Sports Specialization in Junior Competitive Tennis Players"
11/2009

Daily Herald Newspaper - "Increased Risk of Single Sports Specialization in Junior Competitive Tennis Players"
11/15/2009

WGN News-TV - "Role of Stretching and Exercise"
12/11/2009

Tennis Magazine- "How to Keep Junior Tennis Players Healthy"
05/2010

Tennis.com- "How to Prevent Shoulder Injuries"
07/2010

Health Day News, Aol.com, US News and World Report, Science Daily and many other health based websites nationally and internationally, "Running on Empty, Concerns in Female Athletes"
2010

Health Day News, Aol.com, US News and World Report, Science Daily and many other health based websites nationally and internationally- "Risks of Sports Specialization in young athletes"
5/2011

Burr Ridge Patch Blog- "Tennis Tips"

ABC news Channel 7- "Risks of Sports Specialization in Young Athletes"
05/2011

Sirius Radio, XM 81 "The Doctors"- "Risks of Sports Specialization in Young Athletes"

Chicago Tribune- "Loyola Tennis Medicine Opens Up New Tennis Clinic"
06/2011.

WGN News-TV - "Loyola Tennis Medicine Program"
7/22/11

ABC News-TV - "Role of Protein for Weight Loss"
7/14/2011

Pediatric News (national newsletter for pediatricians)- "EKG Screening Recommendations In Children"
09/2012

Web MD – "Intensity Of Exercise For Prevention Of Metabolic Syndrome"
10/9/2012

FM News - "Baseball Injuries"
05/2012

Telemundo television (Spanish) – "Heat Precautions"
07/2012

DietsinReview.com-"Female Athlete Triad Report"
09/2012

WGN News Radio, Sports Night- "Specialization In Young Athletes"
01/2013

Healthday News, U.S. News and World Report, MSN, Health magazine, Philadelphia Inquirer, NIH, Drugs.com, Bioportfolio, BioMedicine, Doctors Lounge, Athletics Guide, Alltop, US National Library of Medicine and Medicine.net, World Report, MSN, Health magazine, Philadelphia Inquirer, NIH, Drugs.com, Bioportfolio, BioMedicine, Doctors Lounge, Athletics Guide, Alltop, US National Library of Medicine and Medicine.net, Outside Magazine, Argentinian Men's Health Journal, Wired Magazine - "Playing More Recreational Sports May Be Protective Of Injury In Young Athletes, Original Research"
01/2013

Canadian News Radio, Sports Night- "Specialization In Young Athletes"
02/2013

U.S. News and World Report, Web MD, Newsday, MSN Healthy Living, Healthday News, Everyday Health, NIH Medline Plus, Science Daily, BioMedicine, AAAS EurekAlert, Newswise, Science News Online, Med Compare, Red Orbit, Examiner.com, Latinos Post, Headlines and Global News, One News Page, Doctor's Lounge, Chicago Sun Times - "Serious Overuse Injuries Linked To Intensive Sports Specialized Training, Original Research"
04/2013

WGN Sports Night – "The Risks Of Sports Specialization And Risks Of Training"
03/2013 and 05/2013

New Jersey Red Orbit-"Serious Overuse Injuries Linked To Intensive Sports Specialized Training, Original Research"
05/2013 and 09/2013

American Academy of Pediatrics Annual Meeting (widespread media release) - "Risks of injury related to sports specialized training"
09/2013 and 10/2013

NPR News (Health section).- "Serious Low Back Injuries In Young Athletes"
02/2014

ESPN.com - "A Permit For Youth Football Safety? Concussion Legislation On Youth Football"

02/2014

WGN-TV and CLTV- "Sports Injuries and Young Athletes: A Feature Story On Our Research On Young Athletes Training And Specialization Risks"
03/23/2014

Washington Post - "Too Much Practice And Specialization Can Hurt Instead Of Help Child Athletes", feature story (including our research on young athletes training and specialization risks)
06/2014

New York Times Op-Ed- "Sports Should be Child's Play"
06/10/2014

NPR-Charlotte Affiliate-"Hyperspecialization in Youth Sports,"
08/01/2014

Family Circle Magazine- "Top 5 Injuries To Worry About In Young Athletes"
10/2014

Wall Street Journal and Wall Street Journal TV- "Guidelines for Young Athletes to Prevent Injury",
12/2015

Costco online -"Recommendations For Healthy Tennis"
12/2015

Oxy.com (international Web)- "Specialization in young athletes"
12/2015

20. Formal Teaching:

a. Medical Student Teaching:

Orientation lectures, Family Practice Clerkship, "Sports-Specific Medical Conditions", 2003-Current (1 contact hour every 6-12 weeks)

SSOM Patient Centered Medicine-1, Faculty group facilitator, 2003- Present (3 contact hours weekly)

SSOM Patient Centered Medicine-2, Faculty group facilitator, 2003- 2005 (3 contact hours weekly)

SSOM (Stritch School of Medicine)Medical Student Advisor Program, Stritch School of Medicine, 2003 – Present (approximately 4-6 hours annual contact hours).

SSOM (Stritch School of Medicine)Medical Student Preceptor Program, Stritch School of Medicine, 2003 – Present (approximately 4-6 hours annual contact hours).

SSOM Surgical Subspecialty lectures-Orthopaedics, for 3rd year medical students on Surgery, 2004-2010 (2 contact hours every 12 weeks)

Annual Patient Centered Medicine/SHB (First year medical students), Combined Musculoskeletal Workshop, faculty supervisor, 2005-Present (8 contact hours annually)

Internal Medicine Special Elective (4th year medical students) "Musculoskeletal

Workshops”, 2005 – 2006 (8-12 contact hours every year).

SSOM Patient Centered Medicine-3 Facilitate 3rd year Med Students, 2006-Present, (1 contact hour every 6 weeks).

Annual PCM-2 Musculoskeletal Exam Workshop, SSOM, Faculty Supervisor, 2007-Present, (4-8 contact hours, annually).

Volunteer Clinical Faculty for Anatomy Musculoskeletal Sessions, First Year Class, 2007-Current(8-12 contact hours annually)

Annual PCM-2 Musculoskeletal OSCE (2nd year medical students), SSOM Faculty Supervisor, 2009 – Present, (4-8 contact hours, annually)

Musculoskeletal system review for Step 1 USMLE boards to 2nd year class, 2012-Present

b. Graduate Programs:

i. Residency Programs:

2004-present Director, Sports Medicine Family Practice Resident Rotation
2004-present, Monthly journal club for residents, medical students
2005-present Director, Sports Medicine Elective, Pediatric residents
2007-present Director, Sports Medicine PM&R Resident Rotation
2007-present Director, Sports Medicine Internal Medicine Resident

c. Other Categories:

2006-present, Physical therapist rotations on “sports rehabilitation”

21. Supervisory Teaching:

a. Residency Program:

Mentor for residents interested in pursuing sports medicine research and/or fellowships:

- i. *Vimarie Rodriguez (Family Medicine) (2007-2008)-currently sports medicine faculty in Loyola-CCH residency program*
- ii. *Alexander Austin (Family Medicine)(2012-2014)-Fulfilling military commitment (matched in sports medicine fellowship)*
- iii. *Anwar Isabell (Family Medicine) (2013-2015)-Entering sports medicine fellowship*
- iv. *Ashley Mcann (Family Medicine)-Rising PGY-3, applying for sports medicine fellowship*
- v. *Asad Mehdi (Family Medicine) (2012)-current: Family Medicine attending*
- vi. *Timothy Marsho (Pediatrics) (2008-2009)-current: Unknown*
- vii. *Jonathon Napolitano (PM&R)(2014-2015)-current: rising PGY4, applying for sports medicine fellowship*

b. Other:

- i. *Director, Loyola Tennis Medicine summer internship. Created program which involved supervision of 6 aspiring medical students who were in high school/college and are competitive tennis players. Weekly meetings on development of patient education material, culminating in presentations in the Loyola Stritch School of Medicine. 2013-present.*
- ii. *Student Training in Approaches to Research (STAR) research advisor for Loyola*

SSOM medical students prior to 2nd year - 2007-present (summers and longitudinal research, including Research Honors mentorship).

- iii. *Medical Students Daniel Weber, 2007, Amanda Dechert, 2008, Calloway Robertson, 2009, Courtney Pinkham, 2010, Michael Hutz, 2012, Dan Fischer 2013, Dan Holt 2013, Andrew Schneider 2014.*
- iv. *Additional longitudinal mentorship of research medical students: Sarah Merrill, Erin Feller, Ryan Lingor*
- v. *Additional mentorship of research assistant (pre medicine students): Dan Fischer, Archana Bokka, Abigail Smith, Debbie DeLara, Sara Iqbal, Noor Alawad*

Mentored Research projects noted below:

2006 “Nutritional Knowledge in Division I College Athletes”, Principal Investigator, with SSOM medical student Weber D.

2007-2009 “Comparison of Topical Ethyl Chloride versus Placebo Prior to Knee Injections. Weber, D, **Jayanthi, NA**, Luke A, Principal Investigator.

2007-8 “Ferritin levels and Effects on Performance in University Track/Cross Country Athletes”-Lingor, R, **Jayanthi, NA**, Dugas L, Principal Investigator.

2007-8 “The Effects of Brief Knee Immobilization Following Stable Knee Injuries,” Loyola Stritch School of Medicine **Jayanthi, NA**, Rodriguez V, Myers D, Luke A, Principal Investigator

2007-8 “Flexibility and Injury Risks and Effects on Performance in University Track/Cross Country Athletes,” Lingor R, **Jayanthi, NA**, Dugas L.

2008-2009 “Risk Factors for Medical Withdrawal with Cumulative Match Volume in USTA National Junior Tennis Players.” Marsho, T, **Jayanthi, NA**, Durazo R, Luke A, Principal Investigator.

2008-9 “Prospective Analysis Comparing Injury Rates in Club Sports to Varsity Sports”, Merril S, **Jayanthi, NA**, Luke A, Tonino, P, Principal Investigator

2008-Current “Training and Specialization Risks in junior elite tennis players – STAR program”, **Jayanthi, NA**, Dechert A, Durazo R, Luke A. Principal Investigator.

2009-2010 “The Evaluation of Rest and Recovery on Injury Risk and Performance in Competitive Junior Tennis Players”, STAR program, with medical Student, Calloway Robertson, Principal Investigator.

2010-2011 “Single Leg Hop Tests as a Tool for Functional Progression Following Lower Extremity Stable Injuries in NCAA athletes.” principal investigator, with Family Practice Resident , Asad Mehdi.

2010-Current “The Risks of Sports Specialization and Rapid Growth in Young Athletes”, STAR research study with medical student Courtney Pinkham. Principal Investigator. Collaborative Study Cynthia LaBella M.D., with Children’s Institute for Sports Medicine, Children’s Memorial Hospital

2012-2013 “Single Leg Hop Tests as a Tool for Functional Progression Following Lower Extremity Stable Injuries in NCAA athletes.”, STAR research study with medical student, Michael Hutz

2013-2015 “TRACK: Training, Risk Assessment, and Counseling in Kids: 2 year longitudinal clinical study”. **Jayanthi NA (principal investigator)** with Star Student Dan Fischer. Collaborative with LaBella C, Lurie Children’s Institute for Sports Medicine.

2014 “The comparison of Health and Injury status of Parent-child dyads of competitive young athletes versus recreationally active young athletes”, Principal investigator, in progress with STAR medical student, Andrew Schneider.

2014-2015 "Sports related low back pain: Risks of training and specialization", principal investigator, with PMR resident Jonathon Napolitano, Lara Dugas, Cynthia LaBella.

22. Lectureships, Seminar Invitations, and Visiting Professorships:

a. National and International:

NATA: Youth Sports Safety Summit, Invited board member of American Medical Society for Sports Medicine (AMSSM) "Importance of Pre-Participation Physical Examination", Washington, DC, March 2014

Mom's Team Institute Inaugural Summit on Youth Sports Safety, hosted at Harvard, "Keeping Up With The Joneses: How Much Is Too Much In Youth Sports?" Boston, MA, September 2014

Sanford University Annual Sports Medicine Symposium, "An Evidenced Based Approach To Injury Prevention In Young Athletes", Sioux Falls, SD, May 2015

Sanford University Annual Sports Medicine Symposium, "An algorithmic approach to return to play in young athletes", Sioux Falls, SD, May 2015

Sanford University Annual Sports Medicine Symposium, "Evaluation Of The Adult And Junior Tennis Player" Sioux Falls, SD, May, 2015

b. Regional:

"Managing Osteoarthritis In The Active Adult", Orthopaedic education dinner program in conjunction with Children's Memorial and Ossur, Oak Brook, IL, June 2011

"Risks of Sports Specialization and Rapid Growth in Young Athletes", invited faculty, Robert Lurie Children's Hospital Sports Medicine Invited Professorship Symposium, Chicago, IL, September 2012

"American Development Model: Developing the young soccer player", Northern Illinois Soccer League, Arlington Heights, IL February, 2014

"Sports Specialization In Young Athletes: Good Or Bad Idea?", St. Louis Athletic Training Program Induction Ceremony, Keynote speaker St. Louis, IL, February 2015

c. Institutional:

"The Kinetic Chain Evaluation of a Tennis Player", Loyola Orthopaedic Surgery and Rehabilitation Grand Rounds, LUMC, June, 2005.

"Evaluation and Prevention of Muscle Strain Injuries", Physiatry Grand Rounds, LUMC, Nov. 21, 2006.

"Low velocity knee injuries", Physiatry Grand Rounds, LUMC, Nov. 21, 2006.

"Cardiopulmonary Emergencies for Orthopaedics Sports Doctor", Loyola Orthopaedic Surgery and Rehabilitation Grand Rounds, LUMC, Dec. 2006.

"Evaluation of Injured Knee in Pediatric Athlete", Pediatrics Grand Rounds, LUMC, January 2007

"Pediatric Knee Injuries", Physiatry Residents Grand Rounds, LUMC. September 2007

"Low Back Injuries in Adolescent Athlete", Physiatry Residents Grand Rounds, LUMC, November 2007

"IAFP Low Back CME Guidelines Presentation", Grand Rounds, Internal Medicine, LUMC, June 2008

"Sports Medicine Upper Extremity Case Base", Cook County-Loyola-Provident 3rd Year Residents, Provident Hospital Chicago, IL, August 2008

"IAFP Low Back CME Guidelines Presentation", Grand Rounds, Family Practice, Cook County-Loyola-Provident Family Practice Residency, August 2008

"Medical Conditions in Sports Medicine", Orthopaedic Grand Rounds, LUMC, December 14, 2008

"Loyola Stable Knee Protocol," Radiology Grand Rounds, LUMC, February 5, 2009

"Cardiopulmonary emergencies in Sports Medicine", Physical Medicine and Rehabilitation Grand Rounds, LUMC, May 5, 2009

"How Much is Too Much", Pediatric Grand Rounds, LUMC, August 4, 2009

"Cardiopulmonary Conditions in Sports Medicine", Orthopaedic Grand Rounds, LUMC, October 21, 2009

"The Evaluation of Stress Fractures in Sports Medicine", Physiatry Grand Rounds, LUMC, October 27, 2009

"Muscle Strain Injuries", Physiatry Grand Rounds, LUMC, July 1, 2010

"New Approaches to Tendinopathy", Physiatry Grand Rounds, LUMC, October 26, 2010

"The Risks of Injury Related to Sports Specialization and Rapid Growth", Pediatric Grand Rounds, LUMC, October 12, 2010

"Managing Osteoarthritis In The Active Adult", Orthopaedic Nursing Education Program, October 29, 2011

"How Much is Too Much", Orthopaedic Surgery & Rehabilitation Grand Rounds, LUMC, August 2011

"Pediatric and Adolescent Knee", Orthopaedic Surgery & Rehabilitation Grand Rounds, LUMC, August 2013

"Separating Overuse Injuries from Serious Overuse Injuries", Pediatric Grand Rounds, LUMC, August, 2013

"Low back stress injuries", Pediatrics Grand Rounds, LUMC, Aug 2014

"What have I learned about pediatric sports medicine over the years", Pediatrics Grand Rounds, LUMC, April 2015

23. Invitations to National/International, Regional, and Institutional Conferences:

a. International/National:

International

International Society for Tennis and Medicine Science (STMS) World Congress, "Extra-articular Hip Pain in Tennis Players", Indian Wells, CA, March 2005

World Congress for International Society for Tennis and Medicine Science (STMS) moderator for "Wrist Injuries in the Tennis Player", Antwerp, Belgium, February 2007

International Society for Tennis and Medicine Science STMS World Congress, "Heel Pad Syndrome in Tennis Player", Tokyo, Japan, October 2008

International Society for Tennis and Medicine Science STMS World Congress, "Heat Illness", Tokyo, Japan, October 2008

International Society for Tennis and Medicine Science STMS World Congress, "Strength and Conditioning in Junior Tennis Player", Tokyo, Japan, October 2008

International Society for Tennis and Medicine Science STMS World Congress, "Cramping Debate", Tokyo, Japan, October 2008

International Society for Tennis and Medicine Science (STMS) World Congress, "How Much is Too Much", Valencia, Spain, November 5, 2009

American College of Sports Medicine (ACSM) International Team Physician Course, "Racket Sports", Dhaka, Bangladesh, December 2010

American College of Sports Medicine (ACSM) International Team Physician Course, "Dermatology in Sports", Dhaka, Bangladesh, December 2010

American College of Sports Medicine (ACSM) International Team Physician Course, "Low Back Pain in Young Athletes", Dhaka, Bangladesh, December 2010

American College of Sports Medicine (ACSM) International Team Physician Course, "Catastrophic Neck Injuries", Dhaka, Bangladesh, December 2010

American College of Sports Medicine (ACSM) International Team Physician Course, "Exercise-Induced Asthma", Dhaka, Bangladesh. December 2010

American College of Sports Medicine (ACSM) International Team Physician Course, "Pre-Participation Evaluations", Dhaka, Bangladesh, December 2010

International Society of Tennis and Medicine Science (STMS) World Congress, "Risks for injury in Junior Tennis Players", Paris, France, November 12, 2011

International Society of Tennis and Medicine Science (STMS) World Congress, Moderator, Children's Session, Paris, France, November 12, 2011.

International Society of Tennis and Medicine Science (STMS) World Congress, Moderator, Research Session, Paris, France, November 12, 2011.

International Olympic Committee (IOC), World Conference Prevention of Injury and Illness in Sport, "New Insights Into Injury Prevention In Elite Youth Tennis", Monte Carlo, Monaco, April

2014

Junior ITF (International Tennis Federation), ITF Tennis School (for world's top 48 boys and top 48 girls players and their coaches) "Tennis Injuries in the Junior Elite Tennis Player: When to Worry," San Luis Potosi, Mexico, September 2014

14th STMS World Congress of Tennis Medicine, "Early specialization-How great are the risks?" Rome Italy, May 2015

14th STMS World Congress of Tennis Medicine, "Sports Hernia And Evaluation Of Groin Pain," Rome Italy, May 2015

14th STMS World Congress of Tennis Medicine "Should we be concerned about the number of serves players hit: Mini Symposium?" Rome Italy, May 2015

National:

10th Annual Meeting of the American Medical Society for Sports Medicine (AMSSM), "Evaluation and Prevention of the Injured Recreational Tennis Player", Albuquerque, New Mexico, April 2007

STMS North American Regional Meeting, "Tournament Injury and Medical Withdrawal Risk", Mason, OH, August 2008

STMS North American Regional Meeting, "Understanding tennis specific functional progression following injuries", USPTA exchange lecture, on court demonstration, Mason, OH, August 2008

STMS North American Regional Meeting, "Comparison of Topical Anesthesia with Ethyl Chloride Spray vs. Placebo Prior to Intraarticular Knee Injections", Mason, OH, August 2008

STMS North American Regional Meeting, "Risk Factors for Medical Defaults in USTA Junior National Tennis Tournaments", Mason, OH, August 2008

American Medical Society for Sports Medicine (AMSSM), Annual Meeting, "Common Injuries in Junior Tennis Players", Invited Faculty, Tampa Bay, FL, April 25, 2009

STMS (Society for Tennis and Medicine Science), Annual Congress, "Updates on US Junior Tennis", San Jose, CA, February 11, 2011

STMS (Society for Tennis and Medicine Science), Annual Congress, "Athletic Pubalgia in Tennis Player", San Jose, CA, February 11, 2011

STMS (Society for Tennis and Medicine Science), Annual Congress, "Risks of Sports Specialization and Rapid Growth", San Jose, CA, February 11, 2011

American Medical Society for Sports Medicine Annual Meeting , "Risks of Rapid Growth and Sports Specialization in Young Athletes", Salt Lake City, Utah, May 1, 2011

World USPTA conference for Certified Teaching Professionals, "On Court Strategies For Injury-Free Tennis", Monterey, CA, January 2012

American Medical Society for Sports Medicine (AMSSM) Annual Meeting, Moderator, Injury Prevention Session, Atlanta GA, April 2012

"Balancing Tennis Performance and Injuries", STMS-USTA North American Regional Tennis Medicine and Injury Prevention Conference, Atlanta, GA, December 2012

“On court biomechanical changes in groundstrokes”, STMS-USTA North American Regional Tennis Medicine and Injury Prevention Conference, Atlanta, GA, December 2012

“Low back stress injuries in young tennis players”, STMS-USTA North American Regional Tennis Medicine and Injury Prevention Conference, Atlanta, GA, December 2012

“Training profiles of injured young tennis players: A clinical research study”, STMS-USTA North American Regional Tennis Medicine and Injury Prevention Conference, Atlanta, GA, December 2012.

“On court evaluation of returning an injured player to tennis”, Georgia Professional Tennis Teaching Association, International Tennis Performance Association and Society of Tennis and Medicine Science combined session, Atlanta, GA, 2012

American Medical Society for Sports Medicine, Annual Meeting, “Overuse Injuries and Burnout in Young Athlete”, New Orleans, LA, April 2014

STMS-ITPA (International Tennis Performance Association) North American Regional Tennis Medicine and Performance Conference, “Injury risk and prevention in the elite junior tennis player”, Atlanta, GA, July, 2014

STMS-ITPA (International Tennis Performance Association) North American Regional Tennis Medicine and Performance Conference , “On Court Stroke Modifications In Junior Elite Tennis Players For Return To Play”, Atlanta, GA, July 2014

STMS-ITPA North American Regional Tennis Medicine and Performance Conference, “Sports Hernia/Groin Clinical Evaluation”, Atlanta, GA, July 2014

USTA (United States Tennis Association) Junior Competition Summit, “Evidence-based research on Junior Tennis: How does tennis compare to other sports?”, Orlando, FL, March, 2015

b. Regional:

Chicago Sports Medicine Society Educational Seminar, “Breathing Problems in Athletes”, Loyola Univ Med CTR, Maywood, IL May 2005

Loyola Undergraduate Sports is Education Symposium “Steroids and Erogenic Aids”, Loyola Undergraduate Campus, Chicago, IL, October 20, 2005

Case Manager Workshop, “The Evaluation of Groin Pain”, River Forest, IL, October 27, 2005

IAFP Annual Meeting, “One Minute Shoulder Evaluation,” Chicago, IL, April 2006

Score Racquet Club , “Optimum Tennis Specific Training”, Countryside, IL, August 2006

Midwest Division for Certified Teaching Pro and High School Tennis Coaches, Indianapolis, IN, February 2007

Midwest Division for Certified Teaching Pro and High School Tennis Coaches, “Tennis-Specific Conditioning and Injury Prevention”, (On Court Demonstration), Indianapolis, IN, February, 2008

Midwest Division for Certified Teaching Pro and High School Tennis Coaches, Lincolnshire, IL, February 2008

American College of Sports Medicine, moderator, "Medical Conditions", Indianapolis, IN, May 2008

Resurrection Sports Medicine Conference, "Practice and Game Volume Risks", Chicago, IL, May 2008

Midwest Division for Certified Teaching Pro and High School Tennis Coaches, "Injury Risks in the Tennis Player", Indianapolis, IN, February 2008

Illinois Academy of Family Physicians Annual Meeting, IAFP Low Back CME Guidelines Presentation, St. Louis, IL, December 6, 2008

Current Concepts in Primary Care Sports Medicine Annual CME Conference, "Sports Shorts", Chicago, IL, April 3, 2009

Midwest Division for Certified Teaching Pro and High School Tennis Coaches, "Understanding Growth And Developmental Issues In Junior Tennis Player", Lincolnshire, IL, January 2012

Midwest Division for Certified Teaching Pro and High School Tennis Coaches, "On Court Strategies For Injury-Free Tennis", Lincolnshire, IL, January 2012

Current Concepts in Primary Care Sports Medicine Annual CME conference, "Overuse Injuries and Overtraining Syndrome: Is this a New Epidemic?" Chicago, IL, March 2013

Current Concepts in Primary Care Sports Medicine Annual CME conference, "Specialized Training in Sports: How Much is Too Much?", Invited Faculty, Chicago, IL, March 2013

Midwest Annual USPTA/PTR Symposium, "On Court Strategies For Safe Return To Tennis Following Injury", Holland, Michigan, August 2014

Chicago Sports Medicine Society Educational Seminar, "Sports specialized training risks in young athletes: How Much is too much?," Hines VA, Hines, IL Nov., 2014

Oak Brook Junior High Performance Tennis Program, "Tennis injury prevention and performance" (on court session), Oak Brook, IL Nov., 2014.

Current Concepts in Primary Care Sports Medicine Annual CME conference, "Separating Overuse Injuries From Serious Overuse Injuries", University of Chicago, March 2015

c. Institutional:

"Nutritional Supplements", Sports Medicine Update, CME conference, Loyola University Medical Center, November 2003

"Tennis and Golfer's Elbow", Sports Medicine Update, CME conference, Loyola University Medical Center, November 2003

"The Kinetic Chain Evaluation of a Recreational Tennis Player", Loyola Sports Medicine Update 2005 CME conference, Loyola University Medical Center, Maywood, IL, November 2005

"Lower Extremity Stress Fractures: Looking for Red Flags", Loyola Sports Medicine Update 2005 CME conference, Loyola University Medical Center, Maywood, IL, November 2005

“Uncommon Causes of Shoulder Pain”, Loyola Sports Medicine Update – Female Update 2006 CME conference, Loyola University Medical Center, Maywood, IL, November 2006

“Muscle Strain Injuries and Prevention”, Loyola Sports Medicine Update – Female Update 2006 CME conference, Loyola University Medical Center, Maywood, IL, November 2006

“Return to Play after Medical Conditions”, First Annual Coach’s Clinic conference, Loyola University Medical Center, Maywood, IL, May 2007

“Practice and Game Injury Risks”, Sports Medicine Annual Coach’s Clinic conference, Loyola University Medical Center, Maywood, IL, May 2008

“Hand and Wrist Cases (Breakout Sessions)”, Loyola Sports Medicine Update CME conference, Loyola University Medical Center, Maywood, IL, November 2008

“Loyola Stable Knee Protocol”, Loyola Sports Medicine Update CME conference, Loyola University Medical Center, Maywood, IL, November 2008

“New Approaches to Tendinopathy”, Loyola Sports Medicine Update, November 2009

“Tennis Player: High Performance Screen”, Loyola Sports Medicine Update, November 2009

“Tennis-specific conditioning and injury prevention”, USPTR Guest Faculty, On Court Demonstration – Midwest UPTR Conference, Midtown, Chicago, IL, August 21, 2009

“Risks Related To Growth In Young Tennis Player”, Midtown Tennis Club, Chicago, IL, April 11, 2010

“Rest and Recovery in sports”, Course Director, Loyola Sports Medicine Annual Coach’s Clinic conference, Lewis University, Romeoville, IL, June 2010

“Club Sports injury risks”, Loyola Sports Medicine Annual Coach’s Clinic conference, Lewis University, Romeoville, IL, June 2010

“The Risks of Injury Related to Sports Specialization and Rapid Growth”, Chicago Sports Medicine Society, Lombard, IL, June 1, 2010

“Returning the tennis player from injury”, USPTR Guest Faculty, On Court Demonstration – Midwest UPTR Conference, Midtown, Chicago, IL, August 20, 2010

“Non-surgical approaches to groin pain ”, Loyola Sports Medicine Update, November 2010

“Flexibility and injury risk in NCAA athletes ”, Loyola Sports Medicine Update, November 2010

“Iron and performance n NCAA athletes ”, Loyola Sports Medicine Update, November 2010

“Sports Specialization and Intensive Training: Counseling Young Athletes”, Loyola Sports Medicine Update CEU conference, May 2011

“Panel discussion: Surgery vs No Surgery”, Loyola Sports Medicine Annual Coach’s Clinic conference, Loyola Center for Health, Burr Ridge, June 2011

“Single leg hop test: Evaluating functional progression in return to play”, Loyola Sports Medicine Annual Coach’s Clinic Conference, Loyola Center for Health, Burr Ridge, June 2011.

“What is Tennis Medicine? Understanding At Risk Tennis Players” Loyola Tennis Medicine

Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

“How Much is Too Much: Panel Discussion” Loyola Tennis Medicine Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

“Tennis-Specific Medical Conditions” Loyola Tennis Medicine Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

“Recognizing Concerning Pain or Injuries in Your Tennis Player” Loyola Tennis Medicine Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

“Applying Medical Knowledge in Teaching Tennis” Loyola Tennis Medicine Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

“Tennis-Specific Conditioning and Injury Prevention” Loyola Tennis Medicine Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

“Stroke Evaluation: Modifying Injury-Causing Techniques” Loyola Tennis Medicine Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

“Return From Injury: Proper Progression after Specific Injuries” Loyola Tennis Medicine Conference, Loyola Center for Health, Burr Ridge and Score Tennis and Fitness Center, July 2011

“Understanding The Young, Developing Young Athlete”, Monthly talk for Accelerated Rehabilitation, July, 2011

“Teaching Tennis In The Developing Junior Player”, Midwest UPTR Conference, Midtown, USPTR Guest Faculty, On Court Demonstration, Chicago, IL, August 19, 2011

“Single leg hop test: Evaluating functional progression in return to play”, Loyola Sports Medicine Update CEU conference, November 2011

Performance and Fitness Testing in NCAA athletes, Loyola Sports Medicine Annual Coach’s Clinic conference, Loyola University, Norville Athletic Center, May 2012

“Risks Of Injury, Training, And Return To Play Decisions”, Symposium for soccer coaches, Loyola Center for Health, Burr Ridge (co-organized with Dr. Michael Bednar-Orthopaedic Surgery), August 2012

“Overuse Injuries And Chronic Tendinopathy In Athletes”, Novacare Physical Therapy, November 8, 2012

“NCAA Specialized Training Patterns for Success”, research presentation, Coaches and Athletic Trainer Conference, June 2013

“How much is too much in the young athlete” Loyola Sports Medicine Update CEU conference, November 2013

“Shoulder Evaluation For The Primary Care Physician”, Talk to primary care physicians in Loyola University Health System, March 2014

“Overuse Injuries: A Hidden Epidemic”, Loyola Sports Medicine Update CEU conference, January 2015

24. Abstract Presentations at National/International, Regional, and Institutional Conferences:
a. National and International:

Weber, D, **Jayanthi, NA**, Luke A, Principal Investigator. Comparison of Topical Ethyl Chloride versus Placebo Prior to Knee Injections. Poster presentation at American Medical Society for Sports Medicine Annual Meeting, Las Vegas, NV. April 2007 (poster presentation).

Jayanthi, NA*, O'Boyle, J, Durazo, R, "Risk Factors for Medical Withdrawals in USTA Junior National Players". Society for Tennis Medicine (STMS) World Congress, Tokyo, Japan, October 2008

Jayanthi, NA*, O'Boyle, J, Durazo, R, "Risk Factors for Medical Withdrawals in USTA Junior Tennis Players", American Medical Society for Sports Medicine (AMSSM) Annual Meeting, Tampa Bay, FL, April 25, 2009 (Oral Research Presentation)

Marsho, T, **Jayanthi, NA**, , Durazo R, Luke A. Risk Factors for Medical Withdrawal with Cumulative Match Volume in USTA National Junior Tennis Players, presentation for American Medical Society for Sports Medicine Annual Meeting, Tampa Bay, Florida, April 2009 (poster presentation).

Jayanthi, NA, Rodriguez V, Myers D, Luke A. The Effects of Brief Knee Immobilization Following Stable Knee Injuries – presentation for American Medical Society for Sports Medicine Annual Meeting, Tampa Bay, Florida, April 2009 (poster presentation).

Lingor R, **Jayanthi, NA**, Dugas L. Flexibility and Injury Risks and Effects on Performance in University Track/Cross Country Athletes, presentation for American Medical Society for Sports Medicine Annual Meeting, Tampa Bay, Florida, April 2009 (poster presentation).

Lingor, R, **Jayanthi, NA**, Dugas L. Ferritin levels and Effects on Performance in University Track/Cross Country Athletes accepted for poster presentation for American Medical Society for Sports Medicine Annual Meeting, Tampa Bay, Florida, April 2009 (poster presentation).

Jayanthi, NA*, Dechert A, Durazo R, Luke A, "Practice and Match Volume Risks in USTA Junior Tennis Players," Society for Tennis Medicine (STMS) World Congress, Valencia, Spain, November 5, 2009

Jayanthi NA, Pinkham C, Durazo-Arivu R, Dugas L, Luke A . Risk of Injury Related to Rapid Growth and Sports Specialization, at American Medical Society for Sports Medicine 2011 Annual Meeting, Salt Lake City, UT, May 2011.

Jayanthi NA Training Profiles Of Injured Young Tennis Players: A Clinical Research Study STMS-USTA North American Regional Tennis Medicine and Injury Prevention Conference, Atlanta, Georgia, December 2012 (oral research presentation).

Jayanthi NA*, Pinkham C, Dugas L, Patrick B, LaBella C. Risks of Specialized Training and Growth in Young Athletes: A Prospective Cohort Study at American Medical Society for Sports Medicine 2013 Annual Meeting, San Diego, CA, April 2013 (oral presentation)

Jayanthi NA, Hutz M, Feller E*, Dugas L. The Evaluation of Single Leg Hop Tests in Reducing Recurrent Lower Extremity Injury Risk in NCAA Athletes at American Medical Society for Sports Medicine 2013 Annual Meeting, San Diego, CA, April 2013 (oral research presentation)

Feller E , Dugas L, Jagodisnki J, Patrick B, LaBella C, **Jayanthi NA**. Training Risks for Apophyseal Injuries in Young Athletes Accepted presented at American Medical Society for Sports Medicine 2013 Annual Meeting, San Diego, CA, April 2013 (oral research and poster presentation).

Jayanthi NA, Hutz M, Feller E, Dugas L. Specialized Sports Training Patterns for Success in NCAA Athletes Accepted for presentation at American Medical Society for Sports Medicine 2013 Annual Meeting, San Diego, CA, April 2013 (poster presentation).

Jayanthi NA*, Pinkham C, Dugas L, Patrick B, LaBella C, Risks of Specialized Training and Growth in Young Athletes: A Prospective Cohort Study at American Academy of Pediatrics, Council for Sports Medicine and Fitness, 2013 Annual Meeting, Orlando, FL, October 2013 (oral presentation)

Feller E* , Dugas L, Jagodisnki J, Patrick B, LaBella C, **Jayanthi NA** Training Risks for Apophyseal Injuries in Young Athletes at American Academy of Pediatrics, Council for Sports Medicine and Fitness, 2013 Annual Meeting, Orlando, FL, October 2013 (poster presentation)

Jayanthi NA*, LaBella C, Fischer D, Pasulka J, Dugas LR, "Sports Specialized Intensive Training and the Risk of Injury in Young Athletes: A Clinical Case-Control Study", International Olympic Committee (IOC), World Conference Prevention of Injury and Illness in Sport, Monte Carlo, Monaco, April 2014 (oral presentation)

Austin A* , Dugas L, Holt D, Pasulka J, LaBella C, **NA Jayanthi** "Socioeconomic Determinants Of Specialization And Injury In Young Athletes: A Clinical Study", presented at American Medical Society for Sports Medicine Annual Meeting, New Orleans, LA, April 2014 (oral and poster presentation)

Napolitano J* , Dugas, LaBella C, **NA Jayanthi** "Sports Related Low Back Pain: Risks Of Training And Specialization." Accepted for oral podium research and poster presentation at American Medical Society for Sports Medicine 2015 Annual Meeting, Hollywood, FL, April 2015 (oral presentation)

Jayanthi NA, Holt D*, Austin A , Dugas L, Pasulka J, LaBella C. "Socioeconomic determinants of specialization and injury in young athletes: A clinical study" presented at American Academy of Pediatrics Council on Sports Medicine and Fitness, Annual Meeting, San Diego, CA, October 2014 (oral presentation)

b. Institutional:

Weber D*, **Jayanthi, NA**, Luke A, Principal Investigator. Comparison of Topical Ethyl Chloride versus Placebo Prior to Knee Injections. Oral and poster presentation at St. Albert's Research Day, Loyola Stritch School of Medicine

Marsho T*, **Jayanthi, NA**, , Durazo R, Luke A. Risk Factors for Medical Withdrawal with Cumulative Match Volume in USTA National Junior Tennis Players, oral and poster presentation for St. Albert's Research Day, Loyola Stritch School of Medicine.

Jayanthi, NA, Rodriguez V, Myers D, Luke A. The Effects of Brief Knee Immobilization Following Stable Knee Injuries - presented as poster at St. Albert's Research, Loyola Stritch School of Medicine November 2008.

Lingor R, **Jayanthi, NA**, Dugas L. Flexibility and Injury Risks and Effects on Performance in University Track/Cross Country Athletes, poster presentation for St. Albert's Research Day, Loyola Stritch School of Medicine, November 2008.

Lingor, R, **Jayanthi, NA**, Dugas L. Ferritin levels and Effects on Performance in University Track/Cross Country Athletes accepted for poster presentation for St. Albert's Research Day, Loyola Stritch School of Medicine, November 2008.

Jayanthi, NA, Dechert A*, Durazo R, Luke A, "Practice and Match Volume Risks in USTA Junior Tennis Players," Oral and poster presentation at St. Albert's Research Day, Loyola Stritch School of Medicine, November, 2009

Jayanthi NA, Pinkham C*, Durazo-Arivu R, Dugas L, Luke A. "The Risks Of Sports Specialization And Rapid Growth In Young Athletes." accepted for poster presentation for St. Albert's Research Day, Loyola Stritch School of Medicine, November 2010.

Jayanthi NA, Hutz M, Feller E*, Dugas L. "The Evaluation of Single Leg Hop Tests in Reducing Recurrent Lower Extremity Injury Risk in NCAA Athletes accepted for poster presentation for St. Albert's Research Day, Loyola Stritch School of Medicine, November 2012.

Feller E* , Dugas L, Jagodisnki J, Patrick B, LaBella C, **Jayanthi NA**. Training Risks for Apophyseal Injuries in Young Athletes". accepted for poster presentation for St. Albert's Research Day, Loyola Stritch School of Medicine, November 2013.

Jayanthi NA, Hutz M*, Feller E, Dugas L. "Specialized Sports Training Patterns for Success in NCAA athletes." accepted for poster presentation for St. Albert's Research Day, Loyola Stritch School of Medicine, November 2013.

Austin A* , Dugas L, Holt D, Pasulka J, LaBella C, **NA Jayanthi** "Socioeconomic Determinants Of Specialization And Injury In Young Athletes: A Clinical Study." accepted for poster presentation for St. Albert's Research Day, Loyola, Stritch School of Medicine, November 2013.

25. Research Focus: I focus my research on the epidemiology of sports related injuries in young athletes and tennis players. I like to impact public health in the areas of youth sports, and use our data to develop national guidelines for appropriate youth sports participation, sports specialization, and youth sports health and safety.

26. Grant Support:

Active Support:

Loyola Univ Chicago, SSOM Intramural Research grant at Loyola (\$14,000)

Principal Investigator

2013-2015 "TRACK: Training, Risk Assessment, and Counseling in Kids: 2 year longitudinal clinical study". **Jayanthi NA**, LaBella, C, Fischer D, Dugas, L. Principal Investigator (Collaborative with Lurie Children's Institute for Sports Medicine)

Previous Support:

American Medical Society for Sports Medicine Foundation Research Grant-\$9,800-

Principal Investigator

2011-2012 "Risk of Injury Related to Rapid Growth and Sports Specialization". **Jayanthi NA**, LaBella C, Patrick B, Pinkham C, Durazo-Arivu R, Dugas L, Luke A, (Collaborative with Lurie Children's Institute for Sports Medicine)

American Medical Society for Sports Medicine Foundation Research Grant-\$14,975

Principal Investigator

2012-2013 "Risk of Injury Related to Rapid Growth and Sports Specialization". **Jayanthi NA**, LaBella C, Patrick B, Pinkham C, Durazo-Arivu R, Dugas L, Luke A, (Collaborative with Lurie Children's Institute for Sports Medicine)

- i. Institutional:

Walgreen's Sports Medicine Research Grant- \$2500

Principal Investigator

2007-8 "The Effects of Brief Knee Immobilization Following Stable Knee Injuries," Loyola Stritch School of Medicine **Jayanthi, NA**, Rodriguez V, Myers D, Luke A, Principal Investigator

Walgreen's Sports Medicine Research Grant- \$2500

Principal Investigator

2007-8 "Flexibility and Injury Risks and Effects on Performance in University Track/Cross Country Athletes," Lingor R, **Jayanthi, NA**, Dugas L, Principal Investigator.

Walgreen's Sports Medicine Research Grant- \$2500

Principal Investigator

2007-8 "Ferritin levels and Effects on Performance in University Track/Cross Country Athletes"-Lingor, R, **Jayanthi, NA**, Dugas L, Principal Investigator.

Walgreen's Sports Medicine Research Grant- \$2500

Principal Investigator

2008-9 "Prospective Analysis Comparing Injury Rates in Club Sports to Varsity Sports". Merrill S, **Jayanthi, NA**, Luke A, Tonino, P, Principal Investigator

27. Bibliography:

a. Published and Accepted Research Articles (clinical, basic science, other) in Refereed Journals:

1. **Jayanthi, NA**, Sallay PI, Hunker P, Przyblski M, "Skill-Level Related Injuries in Recreational Competition Tennis Players, *Medicine and Science in Tennis*: Vol. 10(1): 12-15, 2005
2. Amann, C, **Jayanthi, NA**, "Monkey Sign for Cervical Radiculopathy", *Physician and Sports Medicine*, September 2005
3. Pluim B, Stall J, Windler G , **Jayanthi, NA**, "Tennis Injuries: Occurrence, Etiology, and Prevention", *British Journal of Sports Medicine British Journal of Sports Medicine* 2006;**40**:415-423.
4. **Jayanthi, NA**, O'Boyle, J, Durazo, R, "Risk Factors for Medical Withdrawals in USTA Junior National Players". *Sports Health: A Multidisciplinary Approach* May 2009 vol. 1 no. 3 231-235.
5. **Jayanthi, NA**, Robertson C, Dugas, L, Luke, A, "The Evaluation of Rest and Recovery on Injury Risk and Performance in Competitive Junior Tennis Players", *Journal of Medicine and Science in Tennis*: July, 2010; Vol 15 (2): 12-16.
6. **Jayanthi, NA**, Dechert A, Durazo R, Luke A, "Training and Specialization Risks in junior elite tennis players", *Journal of Medicine Science and Tennis*: February, 2011: Vol 16, No 1, pp14-20.
7. **Jayanthi NA**, Feller E, Smith A, "Junior Competitive Tennis: Ideal Training and Tournament Recommendations", *J Med Sci Tennis*, 2013 18(2); 30-36.
8. **Jayanthi NA**, Pinkham C, Dugas L, Patrick B, LaBella C, "Evidence-Based Recommendations: Counseling the Young Athlete on Sports Specialization," *Journal of Sports Health: A Multidisciplinary Approach*, May 2013 5:251-257.
9. John P. DiFiori, MD, Holly J. Benjamin, MD, Joel Brenner, MD, MPH, Andrew Gregory, MD, **Neeru Jayanthi, MD**, Greg L. Landry, MD, and Anthony Luke, MD, MPH, Overuse Injuries and Burnout in Youth Sports: A Position Statement from the

American Medical Society for Sports Medicine, published online Br J Sports Med, ahead of print, 1-14.

10. John P. DiFiori, MD, Holly J. Benjamin, MD, Joel Brenner, MD, MPH, Andrew Gregory, MD, **Neeru Jayanthi, MD**, Greg L. Landry, MD, and Anthony Luke, MD, MPH, Overuse Injuries and Burnout in Youth Sports: A Position Statement from the American Medical Society for Sports Medicine, *Clin J Sport Med* 2014;24:3–20.
11. **Jayanthi NA**, LaBella C, Fischer D, Pasulka J, Dugas LR, “Sports Specialized Intensive Training and the Risk of Injury in Young Athletes: A Clinical Case-Control Study”, *American Journal of Sports Medicine* (Feb 2. 2015), *published online, ahead of print*.
12. Gregory D. Myer, **Neeru A Jayanthi**, John P. Difiiori, Avery D. Faigenbaum, Adam W. Kiefer, David Logerstedt, Lyle J. Micheli, “Does sports specialization create negative outcomes and prevent success in young athletes?” *Journal of Sports Health* 2015;Vol 7 (5): 437-442
13. Gregory D. Myer, **Neeru A Jayanthi**, John P. Difiiori, Avery D. Faigenbaum, Adam W. Kiefer, David Logerstedt, Lyle J. Micheli, “Alternatives to early sports specialization in young athletes.” Accepted for publication, and in press, *Journal of Sports Health* (Oct. 2015).
14. Hamilton N, Stahr K, McCracken K, **Jayanthi NA** “Thoracic Outlet Syndrome in the Tennis Player”, *J Med Sci Tennis*, 2015: Vol 20 (2):58-64

b. Manuscripts Submitted:

15. **Jayanthi NA**, Dugas, L, “Sports Specialization and the Dangers in the Adolescent Female Athlete”, submitted to *Current Pediatrics Review* (Oct 2015).

c. Review Articles:

16. **Jayanthi NA**, Commentary on, “Echocardiographic characterization of left ventricular geometry of professional male tennis players” *British Journal of Sports Medicine* 2007;41:792.
17. **Jayanthi, NA**, “Epicondylitis”, Topic Review for *Up To Date*, 2008 – current (on-line international reference available to physicians with global access). Annual Updates (Royalties received)
18. **Jayanthi, NA**, Esser S, “Racket Sports”, review manuscript, *Current Sports Med Reports*, 2013; 12: 329-336.
19. Lomasney, L. M.; Choi, H.; **Jayanthi, N.**, Magnetic resonance arthrography of the upper extremity, *RADIOLOGIC CLINICS OF NORTH AMERICA*, 2013 ;51(2):227-237
20. **Jayanthi, NA**, “Tendinopathy in Tennis”, published in, *Aspetar Sports Medicine Journal*, Nov. 2014.

d. Symposium Contributions:

19. **Jayanthi NA**, Conference report- American Medical Society for Sports Medicine Annual Meeting 2008, Las Vegas, Nevada. Published in *Journal of Med Science in Tennis* (2008).
20. **Jayanthi NA**, Conference Report-2011 STMS Annual Congress, San Jose, CA, published in July 2011, *Journal of Med Sci in Tennis*
21. **Jayanthi NA**, Conference report-2014 IOC World Congress on Illness and Injury Prevention, published June 2014, *Journal of Med Science in Tennis*.

e. Book Chapters:

22. **Jayanthi, NA**, "Knee Bracing", Chapter for *Bull's Sports Medicine Handbook*, editor Charles Bull, MD, 2003
23. **Jayanthi, NA**, "Lower Leg and Ankle Injuries", chapter published in "ACSM's Primary Care Sports Medicine", ed (Moeller J, McKeag D), 2006
24. **Jayanthi, NA**, Subbarao, JV, "Racket Sports", chapter, *Sports Rehabilitation Approaches*, editor Ralph Bushbacker. 2008
25. Difiori J, Brenner J, **Jayanthi NA**, "Overuse injuries of the extremities in pediatric and adolescent athletes", chapter in "Youth sports injuries", editor Dennis Caine, publisher, Springer, in press.

f. Book Reviews:

26. **Jayanthi, NA**, "Sports Injuries of the Knee: Surgical Approaches", *Medicine & Science in Sports & Exercise*, 39(2):395, February 2007 (book review)

g. Manuals, Videos, Computer Programs, and Other Teaching Aids:

On-line Loyola Tennis Medicine instructional videos on stroke modifications for adults, juniors, as well as proper dynamic warm up (publicly available on YouTube) 2011-2012

SSOM On-line OSCE-musculoskeletal assessment (2nd year medical students), Developed as part of PCM-2 OSCE and graded entire medical student class with recruited faculty.

SSOM On Line Video and curriculum musculoskeletal physical exam assessments, and descriptions for every test. Available for 1st year, 2nd year and clinical student/resident versions.

h. Published Abstracts:

Weber, D, **Jayanthi, NA**, Luke A, Principal Investigator. Comparison of Topical Ethyl Chloride versus Placebo Prior to Knee Injections. published in *Clin J Sports Med*, November 2007.

Lingor R, **Jayanthi, NA**, Dugas L. Flexibility and Injury Risks and Effects on Performance in University Track/Cross Country Athletes, published in *Clin J Sports Med*, May 2009.

Lingor, R, **Jayanthi, NA**, Dugas L. Ferritin levels and Effects on Performance in University Track/Cross Country Athletes, published in *Clin J Sports Med*, May 2009.

Jayanthi, NA, Rodriguez V, Myers D, Luke A. The Effects of Brief Knee Immobilization

Following Stable Knee Injuries. published in *Clin J Sports Med*, May 2009.

Marsho, T, **Jayanthi, NA**, Durazo R, Luke A. Risk Factors for Medical Withdrawal with Cumulative Match Volume in USTA National Junior Tennis Players, *Clin J Sports Med*, May 2009.

Jayanthi NA, Pinkham C, Durazo-Arivu R, Dugas L, Luke A. The Risks Of Sports Specialization And Rapid Growth In Young Athletes. *Clin J Sports Med*. 2011;21(2):157.

Jayanthi NA, Pinkham C, Dugas L, Patrick B, LaBella C. Risks of Specialized Training and Growth in Young Athletes: A Prospective Cohort Study". *Clin J Sports Med*. March 2013;23(2):125.

Jayanthi NA, Hutz M, Feller E, Dugas L. "The Evaluation of Single Leg Hop Tests in Reducing Recurrent Lower Extremity Injury Risk in NCAA Athletes *Clin J Sports Med*. March 2013;23(2):133-134.

Feller E , Dugas L, Jagodisnki J, Patrick B, LaBella C, **Jayanthi NA**. Training Risks for Apophyseal Injuries in Young Athletes". *Clin J Sports Med*. March 2013;23(2):137.

Jayanthi NA, Hutz M, Feller E, Dugas L. "Specialized Sports Training Patterns for Success in NCAA athletes." *Clin J Sports Med*. March 2013;23(2):148.

Austin A* , Dugas L, Holt D, Pasulka J, LaBella C, **NA Jayanthi** "Socioeconomic Determinants Of Specialization And Injury In Young Athletes: A Clinical Study." *Clin J Sports Med*, April, 2014.

i. Contributions Not Otherwise Noted:

2007 – Present

Jayanthi NA, "Inside the STMS", Editor for Society of Tennis Medicine and Science International newsletter to tennis medicine professionals, and includes clinical information, abstract reviews, and conference proceedings.

2011-2013

Jayanthi NA, "Tennis Medicine section", USPTA Midwest section newsletter

American Orthopaedic Society for Sports Medicine (AOSSM) ACL voting committee (Representative for American Medical Society for Sports Medicine (AMSSM)) April 2015, AOSSM Headquarters, Rosemont, IL.

American Orthopaedic Society for Sports Medicine (AOSSM), Invited expert faculty for "Early sports specialization Forum, Oct 2015, AOSSM Headquarters, Rosemont, IL.

"WTA (Woman's Tennis Association) 20 year age eligibility review and player development assessment", principal investigator, as part of WTA player development medical advisory committee. On-site recruitment, Indian Wells, CA during BNP-Paribas Indian Wells WTA Master series, and Key-Biscane (Miami) WTA Master series event (March-June 2015).

Prepared following syllabi:

2005 Loyola Sports Medicine Update-Course syllabus
2006 Loyola Sports Medicine Update-Course syllabus
2008 Loyola Sports Medicine Update-Course syllabus
2009 Loyola Sports Medicine Update-Course syllabus
2010 Loyola Sports Medicine Update-Course syllabus
2010 Loyola Sports Medicine Update-Course syllabus
2011 Loyola Sports Medicine Update-Course syllabus

2012 Loyola Sports Medicine Update-Course syllabus
2013 Loyola Sports Medicine Update-Course syllabus
2015 Loyola Sports Medicine Update-Course syllabus
2007 Loyola Coach's Clinic-Course syllabus
2008 Loyola Coach's Clinic-Course syllabus
2010 Loyola Coach's Clinic-Course syllabus
2010 Loyola Coach's Clinic-Course syllabus
2011 Loyola Coach's Clinic-Course syllabus
2012 Loyola Coach's Clinic-Course syllabus
2013 Loyola Coach's Clinic-Course syllabus
2014 Loyola Coach's Clinic-Course syllabus
2011 Loyola Tennis Medicine Manual
2012 Loyola Tennis Medicine Player Education Manual