

**Andrew Kesselman**  
300 Pasteur Drive  
Rm H3630 MC 5642  
Stanford, CA 94305  
(646) 239-6977 • ajk266@stanford.edu

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## **EDUCATION**

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### **New York University, College of Arts & Sciences**

Bachelor of Arts Degree 7/2003 – 5/2007

Major: Chemistry

Minor: Mathematics

NYU Presidential Scholars Program

### **New York Medical College**

Medical Degree 7/2007 – 5/2011

USMLE Step One, Two and Three: Passed

ABR Core exam: Passed

## **POSTGRADUATE EMPLOYMENT**

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**Preliminary Medicine Intern**, Beth Israel Medical Center, New York, NY

July 2011 - July 2012

- PGY 1 resident with clinical and academic responsibilities
- Program Director: Dr. Daniel Steinberg

**Diagnostic Radiology Resident**, SUNY Downstate, Brooklyn, NY

July 2012 – July 2016

- **Chief Resident** (PGY 3) with clinical and academic responsibilities
- Program Director: Dr. Rhonda Osborne
- Founder and President of RADAID chapter at SUNY Downstate
- Redeveloped Department of Radiology/Residency website
- Resident Representative for PEC

**Vascular and Interventional Radiology Fellow**, Stanford University, Palo Alto, CA

July 2016 - July 2017

- IR fellow with clinical and academic responsibilities
- Program Director: Dr. William Kuo

**Interventional Radiology Attending**, Stanford ValleyCare Hospital, Pleasanton, CA

July 2017 - Present

- Stanford IR Clinical Instructor
- Diagnostic and interventional radiology clinical and academic responsibilities
- Section Chief: Dr. Lawrence Hofmann

## **ADDITIONAL WORK EXPERIENCE**

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**Wiley-Blackwell Book Reviewer**, New York, NY

December 2007 – June 2012

- Read and review new titles involving various medical topics
- Provide feedback that helps direct card production and book development

**Wet Read App**, New York, NY

November 2012 – November 2014

- Interactive educational iOS app that allows users to create image based flashcards

- **Created**, designed, aided in production, marketed and maintained iOS app

**Figure 1 App, Movable Science, Inc., Toronto, CA**

July 2013 – Present

- Platform designed for free, safe photo sharing for healthcare professionals
- Beta Tester and contributory developer for app
- **Consultant** for physician relations and media correspondence
- Personal interviews with Pandodaily.com, TheVerge and TechRepublic
- Shareholder and initial participant for app launched mentoring program

**The Injured Reserve, New York, NY**

August 2013 – January 2015

- Writer for Medical Insight section of TheInjuredReserve.com
- Assisting in website design and promotions

**SCIENCEDOMAIN International, New York, NY**

April 2014 – July 2016

- Read and review various manuscripts for publication
- Recent review of submission for British Journal of Medicine and Medical Research

**RAD-AID International, Washington, DC**

June 2015 – July 2016

- **Director, RAD-AID Informatics**
- Project leader for Merge RAD-AID International Imaging Informatics Initiative
- Liaison with Merge and completion of dedicated PACS/Archiving training module
- Leadership mentorship with President/CEO Dr. Daniel Mollura
- Initiated Merge eFilm Mini-PACS platforms in Nicaragua and Laos
- Initiated comprehensive Merge PACS platform in Ghana and Tanzania
- Initiated cloud based PACS pilot project with DICOM Gird in Nepal
- Initiated open source archive and iConnect solution in Ethiopia
- Advisor/consultant for NIH teleradiology project in Liberia
- Worked on IBM Health Corps Grant Proposal as Principle Investigator

**Doximity Physician Panel, New York, NY**

July 2015 – Present

- Serve as a Doximity liaison providing product advice, beta testing, and strategic feedback to the company

**MEMBERSHIP IN PROFESSIONAL SOCIETIES**

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- Member of SIR since 2013
  - SIR RFS Class of 2014 member – GI/GU/Repro Service line and IR Training Pathways Committee
  - Worked on SIR RFS social media campaign with institutional account on Figure 1
- Member of ACR and ABR since 2012
- Member of RADAID since 2014 (Founder of SUNY Downstate Chapter)
- Member of RLI since 2014

**CERTIFICATIONS**

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- BLS certified
- PADI certified
- LEAN breakthrough training completion

**AWARDS**

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- **Recipient of Multidisciplinary Award at Beth Israel Medical Center** in 2012
- **Chief Resident at SUNY Downstate Diagnostic Radiology Residency** 2013-2015
- **Recipient of Physician Awareness Day Resident of the Year Award** 2014
- **Certificate of Merit for Electronic Exhibit** “Extremity Soft Tissue Complications Specific to Penetrating Trauma”, RSNA Annual Meeting 2013
- **Selected Candidate to participate in the ARRALD Program at the 62<sup>nd</sup> Annual Meeting of AUR**, Baltimore MD April 1-4, 2014

- **ISET Fellow/Resident Activity Honorarium Recipient**, Hollywood FL January 31 – February 4, 2014
- **ACP Annual Congress 2014 Scholarship Recipient**, Phoenix AZ November 6-9, 2014
- **Representative for participation in High-level Meeting on World Summit on the Information Society (WSIS+10) at United Nations**, New York City NY December 15-16, 2015
- **Roentgen Resident/Fellow Research Award**, New York City NY 2016
- **IBM Health Corps Grant**, PI with RAD-AID Informatics, 2016
- **Recipient of SIR Foundation Resident Fellow Research Award**, SIR Annual Meeting, Washington DC, March 2017

## ORAL PRESENTATIONS

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- “CT Radiation Risks: What You Need to Know”, Emergency Department Conference Series, Kings County Hospital, Brooklyn NY, August 2013.
- “Lymphoma, Leukemia and Look-a-like Lesions: Abdominal Imaging Manifestations of Hematologic Malignancies and their Mimickers”, SCBTMR Annual Meeting, October 2013.
- “Extremity Soft Tissue Complications Specific to Penetrating Trauma”, SUNY Downstate Radiology Grand Rounds, November 2013.
- “New Trends in Radiology and Review of Basic Interpretation”, Community Hospital of San Pablo City, International Radiology Project, May 2014.
- “Initiation and Management of a Radiology Educational Relationship in Philippines”, RADID Annual Meeting, John Hopkins University, Baltimore MD, October 2014.
- “How to get medical students excited about Interventional Radiology: interest in IR before and after creating an IR Interest Group”, SIR Annual Conference, Atlanta GA, February 2015.
- “Prospective Randomized Study of Utilizing Music For Reducing Patient Anxiety During Pediatric Ultrasound” SPR Annual Conference, Bellevue WA, April 2015.
- “Trauma IR” Managua Trauma Center, Managua, Nicaragua, September 2015.
- “RAD-AID Merge International Informatics Imaging Initiative: Global PACS Outreach” RADAID Annual Meeting, PAHO HQ at WHO, Washington DC, November 2015.
- “RAD-AID Global PACS Outreach Update” RADAID Annual Meeting, PAHO HQ at WHO, Washington DC, November 2016.
- Kesselman A, Hoang D, Sheu A, Kuo W. Endovascular Removal of Fractured IVC Filter Fragments: A 5-Year Prospective Study. SIR Annual Meeting, Washington DC, March 2017.

## ABSTRACTS/EDUCATIONAL EXHIBITS/POSTER PRESENTATIONS

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- **Kesselman A**, Allaei A, Lehto S, Kolla S. Extremity Soft Tissue Complications Specific to Penetrating Trauma. RSNA Annual Meeting, December 2013. **Certificate of Merit**
- Allaei A, **Kesselman A**, Kolla S, Lehto S. Imaging Appearances of Chronic Osteomyelitis and Its Implications. RSNA Annual Meeting, December 2013 & ARRS Annual Meeting, May 2014.
- **Kesselman A**, Bergen M, Hammill P. Lymphoma, Leukemia and Look-a-like Lesions: Abdominal Imaging Manifestations of Hematologic Malignancies and their Mimickers. SCBTMR Annual Meeting, October 2013.
- Lang EK, Zinn H, Allaei A, Cherukuri P, Williams D, **Kesselman A**. Renal Medullary and Papillary Necrosis: Outcome Study 5-10 Year Follow Up”, ARRS Annual Meeting, May 2014.
- **Kesselman A**, Bergen M, Waite S, Gonsky J, Hammill P. Comprehensive Review of Adult T-Cell Leukemia-Lymphoma”, SCBTMR Annual Meeting, September 2014.
- **Kesselman A**, Silk M, Gallo V, Walsh J. Tilt, Perforation and Retrieval Rate of Bard Denali versus Cook Celect IVC Filters. SIR Annual Meeting, February 2015.
- Vazquez Y, **Kesselman A**, Walsh J. Gender Specific Preferences Influencing Interventional Radiology Specialty Selection For Medical Students”, SIR Annual Meeting, February 2015.
- **Kesselman A**, Vazquez V, Gallo V, Bergen M, Abbey-Mensah G, Walsh J. An Interventionalist’s Guide to Analgesia and Sedation: Principles, Practices and Managing Complications. SIR Annual Meeting, February 2015.
- **Kesselman A**, Predicting Vascular Injury with Traumatic Pelvic Fractures. ARRS Annual Meeting, April 2015.
- **Kesselman A**, Zinn D, Zinn H, Waite S, Amodio J, Lehto S, Kolla S. Review of Free Smartphone Based Audience Response Systems: Application in Radiology Education. RSNA Annual Meeting, December 2015.
- **Kesselman A**, Leveraging Social Media to Foster Interventional Radiology Awareness and Improve Education. SIR Annual Meeting, April 2016.

- Osei-Bonsu S, Seit R, **Kesselman A**, Bergen M, Kwon W. Utility of Hepatobiliary MR Contrast Agents for HCC Diagnosis: A Review for Interventionalist. SIR Annual Meeting, April 2016.
- Morris M, Hostetter J, Saboury B, **Kesselman A**, Toland M, Jeudy J, Siegel E, Mollura D. RAD-AID PACS Readiness: Strengthening the Technology Pillar for Developing Sustainable Radiology in Resource Limited Regions. ACR Annual Meeting, May 2016.
- Pathiparampil J, Schluskel B, Christian F, **Kesselman A**, Ozeri DJ. Multiorgan System Dysfunction: A Rare Initial Presentation of Mixed Connective Tissue Disease. CHEST meeting, October 2016.
- Sheu A, Hoang D, **Kesselman A**, Liang T, Rosenberg J, Kuo W. Prophylactic IVC Filter Placement in Bariatric Surgery Patients: Initial Results from a Prospective Filter Registry. SIR Annual Meeting, March 2017.

## PUBLICATIONS

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- **Kesselman A**, Greenberg O. "Perforated Meckel's Diverticulum." Aunt Minnie Case of the Day, Publication date: 7/8/13.
- **Kesselman A**, Abbey-Mensah G, Vinlayudhan V, Greenberg O. "TB spondylitis." Aunt Minnie Case of the Day, Publication date: 8/8/13.
- **Kesselman A**, Bergen M, Waite S. "Granulomatous disease with Broncholith." ACR Case in Point, Publication date: 10/2013.
- **Kesselman A**, Zinn D. "Umbilical Cord Cyst." ACR Case in Point, Publication date: 11/2013.
- Lang EK, Zinn H, Abbey-Mensah G, Bergen M, **Kesselman A**. Fracture of Corpora Caverosa with Massive Caverosal-Venous Shunts. *Internation Braz J Urol*, Vol. 40 (2): 277-278, March – April 2014.
- **Kesselman A**. Op-ed: The Untimely Death of the Physical Exam. Health Imaging 2013. <http://www.healthimaging.com/topics/practice-management/op-ed-untimely-death-physical-exam>
- **Kesselman A**, Abbey-Mensah G, Areman D. Improving Ordering Practices and Radiology Workflow in the Emergency Department through Multidisciplinary Didactic Series: Survey Based Evaluation *OJRad* 2014. 4(2): 145-154.
- **Kesselman A**. Op-ed: "Medicine in my Mother's land". Inquirer.net 2014. <http://opinion.inquirer.net/76393/medicine-in-my-mothers-land>
- **Kesselman A**, Walsh J. Migrating Bullet Embolus. Endovascular Forum, Case of the Week, Publication date: 8/2014.
- Culp M, Mollura DJ, Mazal J, RAD-AID Conference Writing Group (**Kesselman A**). 2014 RAD-AID Conference on International Radiology for Developing Countries: The Road Ahead for Global Health Radiology *J Am Coll Radiol* 2015 May;12(5):475-80.
- Vazquez Y, **Kesselman A**, Abbey-Mensah G, Walsh J. A Glance at Gender Specific Preferences Influencing Interventional Radiology Selection *JVIR* 2016 Jan;27(1):142-143.
- **Kesselman A**, Bergen M, Goldfisher R, Amodio J. Prospective Randomized Study of Utilizing Music For Reducing Patient Anxiety During Pediatric Ultrasound *Pediatric Reports* 2016; 8:6349.
- **Kesselman A**, Soroosh G, Mollura DJ, RAD-AID Conference Writing Group. 2015 RAD-AID Conference on International Radiology for Developing Countries: The Evolving Global Radiology Landscape *J Am Coll Radiol* 2016 May S1546-1440(16):172-7.
- Soroosh G, **Kesselman A**. FEZANA at the High Level World Summit on the Information Society: RAD-AID International at the UN Headquarters in New York, 15-16 December 2016. *FEZANA Journal* 2016; 30(2):61-62.
- Ozeri D, Cochran E, **Kesselman A**, Ishakis R, Nicastrì A et al. Renal Vein Thrombosis in a Patient with Class V Lupus Nephropathy. *J Clin Nephrol Res* 2016; 3(2):1034.
- **Kesselman A**, Gallo V, Herskowitz M, Walsh J. Transarterial embolization of hepatocellular carcinoma in hepatitis B cirrhosis using transulnar approach. *Intervent Oncol* 360. 2016; 4(10):E160-E163.
- Song JW, Mango MC, Museru LM, **Kesselman A**, Foryoung K, Kiloloma O, Goodman R, Minja FJ. Successful Implementation of a Picture Archiving and Communication System in Tanzania. *J Am Coll Radiol* March 2017.

## PATENTS

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- **Kesselman A**. 2013. UV Fluorescent Port Localization System (Illumiport). US Patent Application 61880877, filed September 2013. Provisional patent (Expired).

- Walsh J, **Kesselman A**. 2013. Single-use Thermal Cautery biopsy stylet. US Patent Application 29472471, filed November 2013. Patent application and feasibility evaluation completed. (Presented at IR Venture Forum at SIR)

## **WORKS IN PROGRESS**

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- Endovascular Techniques for Submassive PE, TVIR invited article, Andrew Kesselman MD, William Kuo MD
- Learning IR – Book Chapter 28: IVC filter, Jeffery Savin MD, Andrew Kesselman MD, Ryan Kiefer MD, Andrew Niekamp MD, Michael Savin MD
- Radiology in Global Health – Book Chapter: Interventional Procedures for Global Health Radiology
- Radiology in Global Health – Book Chapter: Informatics