

# THOMAS W. LOEHFELM, MD, PhD

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## CURRENT POSITION

### Assistant Professor

June 2016 - present

**University of California, Davis**, Department of Radiology  
Abdominal Imaging Section  
Section Chief: Ramit Lamba, MBBS

## EDUCATION AND TRAINING

### Body Imaging Fellowship

July 2015 – June 2016

**Stanford University**, Department of Radiology  
Fellowship Director: R. Brooke Jeffrey, MD  
**Chief Fellow**, elected by peers and faculty

### Radiology Residency

July 2011 – June 2015

**Emory University**, Department of Radiology and Imaging Sciences  
Program Director: Mark E. Mullins, MD, PhD  
**Chief Resident**, elected by peers and faculty

June 2013 – June 2015

### Internship

July 2010 – June 2011

**Emory University**, Transitional Year Program

### Medical Scientist Training Program (MD/PhD)

August 2002 – May 2010

**State University of New York at Buffalo**, School of Medicine and Biomedical Sciences  
Microbiology and Immunology: *Identification and Characterization of an A. baumannii Biofilm-Associated Protein*  
Mentor: Anthony Campagnari, PhD

### Undergraduate

August 1995 – May 1999

**College of the Holy Cross**, Worcester, MA  
BA, Biology and English

## AREAS OF PROFESSIONAL INTEREST

- Improving clinical data capture and use, resident education, database design, and data-driven quality improvement
- Ultrasound, non-vascular interventions, hepatic and pancreaticobiliary imaging, informatics

## HONORS & AWARDS

- Scientific Session co-chair, Society for Imaging Informatics in Medicine **May 2015**
- Global Health Residency Scholars Program, Emory University / Addis Ababa University **July 2014**
- RSNA Trainee Research Prize, Informatics **November 2014**
- Grand Rounds invited speaker, Emory University Department of Radiology **May 15, 2013**
- Certificates of Merit, American Roentgen Ray Society Annual Meeting **April 2013, April 2012**
- Siemens-AUR Radiology Resident Academic Development (SARRAD) program attendee **April 2013**
- Adopt-a-Resident grant recipient, Emory University Department of Radiology
- Medical Scientist Training Program scholarship
- Gold Humanism Honor Society, Richard Sarkin/Emeritus Faculty Chapter, University at Buffalo
- Sigma Tau Delta* English Honors Society, College of the Holy Cross

## LICENSES & CERTIFICATIONS

- American Board of Radiology
- California Medical Board License
- California X-Ray Operator License
- DEA License

**Diplomate, 10/7/2017**  
**Renewal 10/31/2018**  
**Renewal 6/30/2017**  
**Renewal 3/31/2018**

## MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- American College of Radiology (ACR)
- Radiological Society of North America (RSNA)
- American Roentgen Ray Society (ARRS)
- Society of Imaging Informatics in Medicine (SIIM)

## SERVICE TO DEPARTMENT & PROFESSIONAL ORGANIZATIONS

2015 – present	Chief Fellow, Stanford University Body Imaging Fellowship, elected by peers
2015 – present	Radiographics, Junior Reviewer
2015 – present	SIIM New Innovators Committee
2015 – present	SIIM Analytics eCommunity
2015	Quality Improvement and Informatics Committee, resident representative
2014 – 2015	Chief Resident, Emory University Radiology Residency, elected by peers and faculty
2013 – 2014	Chief Resident, Emory University Radiology Residency, elected by peers and faculty
2012 – 2015	Radiology Task Force on Communication, one of two residents invited by department chair
2011 – 2015	Radiology Education Subcommittee, class representative, peer-elected

## PUBLICATIONS AND POSTERS

### Peer-Reviewed Publications

1. *Digitizing an Analog Radiography Teaching file under Time Constraint: Trade-Offs in Efficiency and Image Quality*  
**Loehfelm TW**, Prater AB, Debebe T, Sekhar AK  
J Digit Imaging. *Accepted for publication*, September 2016
2. *Radiologists' Online Identities: What Patients Find When They Search Radiologists by Name*  
Vijayasarithi A, **Loehfelm TW**, Duszak R, Hawkins CM  
AJR Am J Roentgenol. 2016 Aug 30; 1-7. PMID 27575736
3. *Towards Data-Driven Radiology Education – Early Experience Building Multi-Institutional Academic Trainee Interpretation Log Database (MATILDA)*  
Chen PH, **Loehfelm TW**, Kamer AP, Lemmon AB, Cook TS, Kohli MD  
J Digit Imaging. 2016 Mar 4. PMID: 26943660
4. *Overnight Shift Work: Factors Contributing to Diagnostic Discrepancies*  
Hanna T, **Loehfelm TW**, Khosa F, Rohatgi S, Johnson JO  
Emerg Radiol. 2016 Feb;23(1):41-7. PMID: 26475281
5. *Evaluation of Near-Miss Wrong-Patient Events in Radiology Reports*  
Sadigh G, **Loehfelm TW**, Applegate KE, Trindandapani S  
AJR Am J Roentgenol. 2015 Aug;205(2):337-43. PMID 26204284
6. *A Cloud-Based Multimodality Breast Imaging Case File for Mobile Devices*  
Balkman JD, **Loehfelm TW**  
Radiographics. 2014 Jul-Aug;34(4):863-82. PMID 24819664
7. *Mobile Computing for Radiology*  
Auffermann WF, Chetlen AL, Sharma A, Colucci AT, Dequesada IM, Grajo JR, Kung JW, **Loehfelm TW**, Sherry SJ  
Acad Radiol. 2013 Dec;20(12):1495-505. PMID: 24200475

8. *Identification and Characterization of a Glycosyltransferase Involved in Acinetobacter baumannii Lipopolysaccharide Core Biosynthesis*  
Luke N, Sauberan S, Russo T, Beanan J, Olsen R, **Loehfelm TW**, Cox A, St. Michael F, Vinogradov E, Campagnari A  
Infect Immun. 2010 May;78(5):2017-23. PMID: 20194587
9. *Identification and Characterization of an Acinetobacter baumannii Biofilm-Associated Protein*  
**Loehfelm TW**, Luke NR, Campagnari AA  
J Bacteriol. 2008 Feb;190(3):1036-44. PMID: 18024522

#### Abstracts

1. *Analysis of Resident Preliminary Interpretations: Does Resident Experience or Attending Toughness Correlate with a Resident Quality Performance Metric?*  
**Loehfelm TW**  
Society for Imaging Informatics in Medicine Annual Meeting, Washington, DC: Presentation, May 2015
2. *Digitizing an Analog Radiography Teaching File under Time Constraint: Trade-Offs in Efficiency and Image Quality*  
**Loehfelm TW**, Prater AB, Kavali PK, Gizaw T, Gorfu Y, Sekhar AK  
Society for Imaging Informatics in Medicine Annual Meeting, Washington, DC: Poster, May 2015
3. *XTenda: Web-Based Tools to Extend and Customize the Functionality of QGenda*  
**Loehfelm TW**, Shah N, Milliron B  
Society for Imaging Informatics in Medicine Annual Meeting, Washington, DC: Poster, May 2015
4. *Multi-Institutional Resident Case Log Analysis: Evaluating Performance against ACGME Minimum Requirements*  
**Loehfelm TW**, Chen P, Kamer A, Lemmon A, Kohli M, Cook T  
Association of University Radiologists 63<sup>rd</sup> Annual Meeting, New Orleans, LA: Scientific Presentation, April 2015
5. *Multi-Institutional Resident Case Log Analysis: Effect of the New Core Exam Format on 4<sup>th</sup>-Year Resident Productivity*  
**Loehfelm TW**, Chen P, Lemmon A, Kamer A, Cook T, Kohli M  
Association of University Radiologists 63<sup>rd</sup> Annual Meeting, New Orleans, LA: Scientific Presentation, April 2015
6. *Impact of Community and Emergency Radiology Divisions on the Resident Experience at an Academic Training Institution*  
**Loehfelm TW**, Lopez EE, Zygmunt ME  
Association of University Radiologists 63<sup>rd</sup> Annual Meeting, New Orleans, LA: Scientific Poster, April 2015
7. *Solid Pseudopapillary Neoplasm (SPN) of the Pancreas – Radiology-Pathology Correlation*  
**Loehfelm TW**, Sekhar AS  
Society of Abdominal Radiology Annual Meeting, San Diego, CA: Poster, March 2014
8. *Standardized Software Object Models for Radiology Educational Content*  
**Loehfelm TW**, Balkman JD  
Radiological Society of North America 100<sup>th</sup> Annual Meeting, Chicago, IL: Scientific Presentation, November 2014  
**RSNA Trainee Research Prize in Informatics**
9. *ROBO-CHIEF: A Simple Algorithm to Automatically and Fairly Distribute Call Shifts among a Large Resident Cohort at an Academic Institution with Complicated Scheduling Requirements*  
**Loehfelm TW**, Golden ET, Hosker RJ  
Radiological Society of North America 100<sup>th</sup> Annual Meeting, Chicago, IL: Scientific Presentation, November 2014
10. *How Accurate is Self-Reported Data? – Radiologic Procedure Logs at a Large Academic Medical Center*  
Prater AB, **Loehfelm TW**, Rostad B, Ho C, Mullins ME  
Radiological Society of North America 100<sup>th</sup> Annual Meeting, Chicago, IL: Quality Story Board, November 2014
11. *Development of a Database to Track Resident Dictation Volume and Automatically Tabulate ACGME Case and Procedure Logs across Multiple Hospitals at a Large Academic Program*  
**Loehfelm TW**, Knighton J, Little B  
Radiological Society of North America 99<sup>th</sup> Annual Meeting, Chicago, IL: Scientific Presentation, December 2013

12. *Radiology Milestones: A Multiyear Study of Resident Experience with Radiologic Procedures at a Large Academic Medical Center*  
Prater AB, Rostad BS, Ebert E, Kearns R, **Loehfelm TW**, Little B  
Radiological Society of North America 99<sup>th</sup> Annual Meeting, Chicago, IL: Scientific Presentation, December 2013
13. *MRI Characteristics of Paraduodenal Pancreatitis: A Diagnostic Challenge*  
**Loehfelm TW**, Sekhar AK, Coursey-Moreno CA, Saka B, Adsay V, Mittal PK  
Radiological Society of North America 99<sup>th</sup> Annual Meeting, Chicago, IL: Education Exhibit, December 2013
14. *Pictorial Essay of Sacral and Presacral Lesions*  
Mittal PK, Farley A, **Loehfelm TW**, Sullivan PS, Coursey-Moreno CA  
Radiological Society of North America 99<sup>th</sup> Annual Meeting, Chicago, IL: Education Exhibit, December 2013
15. *Magnetic Resonance Cholangiography of Cholecystectomy Complications*  
**Loehfelm TW**, Sekhar AK, Moreno C, Mittal P  
American Roentgen Ray Society Annual Meeting, Washington, DC: Education Exhibit, April 2013  
**Certificate of Merit**
16. *Interactive Workshop: Imaging Assessment of HCC: A Case Driven Practice Suite to Properly Direct a Multidisciplinary Interventional Radiology Practice*  
Camacho J, **Loehfelm TW**, Gomez D, Aguirre D, Mittal P, Torres W  
Radiological Society of North America 98<sup>th</sup> Annual Meeting, Chicago, IL: Education Exhibit, November 2012
17. *Phake-Out: The Diverse Thoracic Manifestations of the Phakomatoses*  
**Loehfelm TW**, Turakhia A, Little B, Henry T  
American Roentgen Ray Society Annual Meeting, Vancouver, BC: Education Exhibit, April 2012
18. *Important Cardiac Diagnoses on Non-ECG-Gated CT: Can You Make the Call?*  
Turakhia A, **Loehfelm TW**, Henry T, Little B  
American Roentgen Ray Society Annual Meeting, Vancouver, BC: Education Exhibit, April 2012  
**Certificate of Merit**
19. *Analysis of the Transcriptional Control of the Acinetobacter baumannii Biofilm-Associated Protein*  
**Loehfelm TW** and Campagnari AA  
American Society for Clinical Investigation/Association of American Physicians/American Physician Scientists Association Joint Meeting: Poster, April 2008.
20. *Zebrafish as a Model to Study Interphotoreceptor Retinoid-Binding Protein (IRBP) Structure & Function*  
Chandrashekar R, Armenia J, Lee K, **Loehfelm TW**, Griswold J, Gonzalez-Fernandez F, Ghosh D  
Association for Research in Vision and Ophthalmology, 2008 Annual Meeting, Ft. Lauderdale, Florida, April 2008.
21. *Identification of an Acinetobacter baumannii Homologue to the Staphylococcal Biofilm-Associated Protein.*  
**Loehfelm TW**, and Campagnari AA  
American Society for Microbiology, 107th General Meeting, Toronto, Ontario: Poster, May 2007.
22. *Production and Characterization of a Monoclonal Antibody to the Lipopolysaccharide Core of A. baumannii*  
Howlett AJ, **Loehfelm TW**, Campagnari AA  
American Society for Microbiology, 106th General Meeting, Orlando, Florida: Poster, May 2006.
23. *Identification of an Acinetobacter baumannii Homologue to the Staphylococcal Biofilm-Associated Protein*  
**Loehfelm TW**  
Upstate New York MD/PhD Research Conference: Speaker, April 2007.
24. *Identification of a Large Surface Protein Conserved among Clinical Isolates of Acinetobacter baumannii*  
**Loehfelm TW** and Campagnari AA  
American Society for Microbiology, 18th Annual Western New York Branch Meeting: Poster, April 2006.
25. *Production and Characterization of a Monoclonal Antibody Recognizing the LPS Core Polysaccharide of A. baumannii*  
**Loehfelm TW** and Campagnari AA

## RELATED EXPERIENCE

- Whatman Hemasure Inc., Marlborough, Massachusetts: **Quality Engineer** **07/2001 – 07/2002**
- Developed software to identify systematic errors during quality testing of medical devices and automated quality assurance data monitoring to reduce errors during product quality testing
- NEUROMetrix, Inc., Cambridge/Waltham, Massachusetts: **Quality Assurance Engineer** **03/2000 – 07/2001**
- Developed a Microsoft Access database structure for the Quality system, including a tool used by each employee (~50 users) to log and manage quality improvement requests and stand-alone applications for automated monitoring of Quality assurance data produced during manufacture of medical devices
- Summit Technology, Inc., Waltham, Massachusetts: **Quality Engineer** **07/1999 – 03/2000**
- Trained as a Quality Systems auditor, and audited various departments in a medical device company