

## Jennifer E. Dinalo, Ph.D

Mailing Address 2003 Zonal Ave.  
Los Angeles, CA 90089-9130

Phone (323) 442-1112

Email dinalo@usc.edu

### Education

08/2002-09/2007 Ph.D., The University of Texas Southwestern Medical Center  
Molecular Microbiology  
Thesis advisor: Dr. Kim Orth  
Thesis Title: Characterization of the Type III Secreted Effector VopA  
from *Vibrio parahaemolyticus*

01/2011-12/2013 MLIS, San Jose State University  
Library and Information Science

08/1998-05/2002 B.S. from Regis University  
Honors in Biochemistry and Mathematics

### Professional Experience

02/2023-present Health Science Research and Data Librarian, Rank: Associate Librarian  
Norris Medical Library, University of Southern California

The library liaison to the USC Health Sciences Research community provides support for researchers in the areas of discovery, management, analysis, and visualization of research data which support compliance with funder requirements for data sharing and promotes rigor, reproducibility, and transparency in research

07/2020-01/2023 Clinical Services Librarian, Rank: Associate Librarian  
Norris Medical Library, University of Southern California

A liaison librarian position providing customized instruction and reference support to the Keck School of Medicine and the Keck Medical Enterprise, which includes the medical school, physician's assistant program, Masters of Public Health, the Programs in Biomedical and Biological Sciences, Norris Cancer Center, Keck Hospital of USC, and others.

07/2018-06/2020 Associate Director of Research Services, Rank: Librarian III  
Norris Medical Library, University of Southern California

An administrative position leading the new Research Services Department. The department's mission is to develop partnerships with the USC campus research community in relation to research data management and scholarly communication. Continued liaison responsibilities providing customized instruction and reference support to the Keck School of Medicine.

- 11/2015-06/2018 Information Services Librarian, Rank: Librarian II  
Norris Medical Library, University of Southern California  
A liaison librarian position providing customized instruction and reference support to the Keck School of Medicine, which includes the medical school, physician's assistant program, Masters of Public Health and the Programs in Biomedical and Biological Sciences.
- 04/2014-10/2015 Academic Liaison Librarian, Rank: Senior Assistant Librarian  
Dr. Martin Luther King, Jr. Library, San Jose State University  
A tenure-track position encompassing collection development, in-depth reference consultations and customized instruction sessions for assigned subject areas: biomedical, chemical and materials engineering; biological sciences; chemistry; geology; meteorology and climate science; and physics and astronomy.
- 10/2007-06/2012 Postdoctoral Fellow  
Microbiology and Immunology, Stanford University School of Medicine  
PI: Dr. David Relman  
Research Topic: Effects of Tetracycline on Human-associated Microbiota  
  
A research position that involved planning and executing a human subject study protocol overseeing 29 study participants and sample processing using a variety of molecular biology and bioinformatics techniques.

### **Publications\***

- Mobley, EM, Moke, D, Milam, J, Ochoa-Dominguez, CY, Stal, J, Mitchell, H, Aminzadeh, N, Bolshakova, M, Mailhot-Vega, RB, **Dinalo, J**, Motala, A, Hempel, S (2023). Disparities in Pediatric Cancer Survivorship Care: A Systematic Review. *Cancer Medicine*. doi.org/10.1002/cam4.6426.
- Hempel, S, Bolshakova, M, Turner, BJ, **Dinalo, J**, Rose, D, Motala, A, Fu, N, Clemesha, C.G, Rubenstein, L, Stockdale, S. Evidence-based quality improvement: A scoping review of the literature. *J Gen Intern Med* 2022 Dec; 37, 4257–4267. doi: 10.1007/s11606-022-07602-5
- Schneberk, T, Bolshakova, M, Sloan, K, Chang, E, Stal, J, **Dinalo, J**, Jimenez, E, Motala, A, Hempel, S. Quality indicators for high-need patients: a systematic review. *J Gen Intern Med* 2022 Sep; 37, 3147–3161. doi: 10.1007/s11606-022-07454-z
- Schilperoort, H, Chatfield, AJ, **Dinalo, JE**, Saric, KJ, Thompson, HJ, Thompson, AM. A self-paced online library orientation: Development, implementation, and assessment. *Med Ref Serv Q* 2022 Aug; 41(3), 248–258. doi: 10.1080/02763869.2022.2093546
- Mobley, EM, Moke, DJ, Milam, J, Ochoa, CY, Stal, J, Osazuwa, N, Kemp, J, Bolshakova, M, **Dinalo J**, Motala A, Hempel S. Interventions to address disparities and barriers to pediatric cancer survivorship care: a scoping review. *J Cancer Surviv*. 2022 Jun doi: 10.1007/s11764-021-01060-4.

Lee, J, Guo, S, **Dinalo, J**, DeLeo, VA, Adler, BL. Consort allergic contact dermatitis: A systematic review. *Dermatitis* 2022 May; 33(3):p 181-186 doi: 10.1097/DER.0000000000000884

Mobley EM, Moke DJ, Milam J, Ochoa CY, Stal J, Osazuwa N, Bolshakova M, Kemp J, **Dinalo JE**, Motala A, Baluyot D, Hempel S. Disparities and Barriers to Pediatric Cancer Survivorship Care. Rockville (MD): Agency for Healthcare Research and Quality (US); 2021 Mar. Report No.: 21-EHC014. PMID: 33724748.

Martinez-Monedero R, Danielian A, Angajala V, **Dinalo JE**, Kezirian EJ. Methodological Quality of Systematic Reviews and Meta-analyses Published in High-Impact Otolaryngology Journals. *Otolaryngol Head Neck Surg.* 2020 May 26. doi: 10.1177/0194599820924621.

Lau C, Rivas M, **Dinalo J**, King K, Duddalwar V. Scoping Review of Targeted Ultrasound Contrast Agents in the Detection of Angiogenesis. *J Ultrasound Med.* 2020 Jan;39(1):19-28. doi: 10.1002/jum.15072.

**Dinalo, JE.** 2015. Delivering Research Data Management Services: Fundamentals of Good Practice, edited by Graham Pryor, Sarah Jones, and Angus Whyte. *Medical Reference Services Quarterly*, 34(03), 389-390.

**Dinalo, JE** and Relman, DA. 2009. Cross-talk in the Gut. *Genome Biology*, 10: 203.

**Trosky, JE**, Liverman, ADB, and Orth, K. 2008. *Yersinia* Outer Proteins: YOPs. *Cellular Microbiology*, 10(3). 557-565.

**Trosky, JE**, Li, Y, Mukherjee, S, Keitany, G, Ball, H, and Orth, K. 2007. VopA Inhibits ATP binding by Acetylating the Catalytic Loop of MKKs. *Journal of Biological Chemistry*, 282(47). 34299-34305.

Liverman, ADB, Cheng, H, **Trosky, JE**, Burdette, DL, Yarbrough, M, Leung, DW, Rosen, MK, and Orth, K. 2007. Arp2/3-independent assembly of actin by *Vibrio* type III effector VopL. *Proceedings of the National Academy of Sciences*, 104(43). 17117-17122.

**Trosky, JE**, Mukherjee, S, Burdette, DL, Roberts, M, McCarter, L, Siegel, RM, and Orth, K. 2004. Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*. *Journal of Biological Chemistry*, 279(50). 51953-51957.

Waldron, KA, Fehringer, EM, Streeb, AE, **Trosky, JE**, Pearson, JJ. 2001. Screening percentages based on Slater effective nuclear charge as a versatile tool for teaching periodic trends. *Journal of Chemical Education*, 78(5). 635-639. doi: 10.1021/ed078p635

\*Prior to 2009 published as Jennifer E. Trosky

**Selected Presentations:**

Young, C, Moreno, C, Isaac-Garcia, M, **Dinalo, JE**, Kaurato, C, Miller, M, Sexton, A and Varela, A. Now You See Us, Now You Don't: Shifting Away from In-Person to a Virtual-Only Reference Service Model. Oral Presentation at California Academic Reference Librarians Discussion Interest Group - South Fall Program 2022 - Pivot! Adaptation & Flexibility in Reference Services, Virtual. Dec 2, 2022.

Franks, JM, Nguyen, BT, **Dinalo, J**. Male Hormonal Contraceptive Safety: A Systematic Review of Adverse Events Across Investigational Methods [6A]. *Obstetrics & Gynecology* 133:p 11S, May 2019. doi: 10.1097/01.AOG.0000559353.04346.a7

**Dinalo, JE**, Kysh, L, and Chatfield, AJ. Is This a Systematic Review? A Librarian Assessment of Adherence to PRISMA Guidelines in Published Systematic Reviews. Oral Presentation at: the Annual Conference of the Medical Library Association; 2018 May 18-23; Atlanta, GA.

Pettway Unno, Z and **Dinalo, JE**. Needs Assessment for Data Services and Training at a Research University. Oral Presentation at: the Annual Conference of the Medical Library Association; 2018 May 18-23; Atlanta, GA.

Schilperoort, H, **Dinalo, JE**, Saric, K, and Kysh, L. (2018, January). Video Toolkit for Librarians. Special Content Panel at the NCNMLG/MLGSCA Joint Meeting, Scottsdale, AZ.

Kysh, L, **Dinalo, JE**, and Johnson, RE. (2017, May). A Series of Unconnected Events: A Library's Effort to Promote Research Education & Services. Oral Presentation at the Annual Conference of the Medical Library Association, Seattle, WA.

**Dinalo, JE**. (2017, February). Conceptual Learning through Hands-on Teaching. Poster presentation at: Regional Spring Meeting of WGEA/WGSA/WOSR, Salt Lake City, UT.

Chan, EK and **Dinalo, JE**. (2016, January). Effectiveness of Library Staff Training on the Accuracy of Reference Statistics Recording. Poster presentation at the NCNMLG/MLGSCA Joint Meeting, Palo Alto, CA.

**Dinalo, JE**, Crotty, L, and Wang, Y. (2015, March). Outreach to Peer Advisors in the STEM Disciplines to Increase Awareness of Library Resources. Poster Presentation at the Biannual Conference of the Association of College and Research Libraries, Portland, OR.

**Trosky, JE**, Li, Y, Mukherjee, S, Keitany, G, Ball, H, and Orth, K. (2007, May). Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*. Poster presentation at the American Society for Microbiology annual meeting, Toronto, Canada.

**Trosky, JE**, Mukherjee, S, Burdette, DL, Roberts, M, McCarter, L, Siegel, RM, and Orth, K. (2006, September). Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*. Poster presentation at the 1<sup>st</sup> Symposium on Transkingdom Innate Immunity, Monterey, CA.

**Trosky, JE**, Mukherjee, S, Burdette, DL, Roberts, M, McCarter, L, Siegel, RM, and Orth, K. (2004, August). Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*. Poster Presentation at FASEB meeting: Microbial Pathogenesis: Mechanisms of Infectious Disease, Snowmass Village, CO.

**Trosky, JE**, Mukherjee, S, McCarter, L, and Orth, K. (2004, February). Differential Inhibition by YopJ Proteins. Poster Presentation at Ubiquitin, Ubiquitin-like Proteins and Cancer meeting, MD Anderson, Houston, TX.

**Trosky, JE**, Mukherjee, S, and Orth, K. (2003, September). Differential Inhibition by YopJ Proteins. Poster Presentation at Microbial Pathogenesis and Host Response, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.

\*Prior to 2009 presented as Jennifer E. Trosky

### **Teaching Activity**

**Dinalo, JE**. (2024, Summer Semester). LIM 522: Metadata and Taxonomies. Three credit course in the Masters of Management in Library and Information Science program. University of Southern California, Los Angeles, CA.

**Dinalo, JE**. (2023, Fall Semester). LIM 522: Metadata and Taxonomies. Three credit course in the Masters of Management in Library and Information Science program. University of Southern California, Los Angeles, CA.

**Dinalo, JE** and Kysh, L. (2018, January). Practically Imperfect: Teaching and Supporting Research Data Management. Three-hour continuing education workshop at the NCNMLG/MLGSCA Joint Meeting, Scottsdale, AZ.

**Dinalo, JE** and Unno, ZP. (2017, November). Research Data Management for Reproducible Research in the Sciences & Health Sciences. Two-hour workshop for the USC Center for Excellence in Research, Los Angeles, CA.

**Dinalo, JE** and Unno, ZP. (2017, April) Research Data Management for Reproducible Research in the Sciences, Social Sciences, & Health Sciences. Two-hour workshop for the USC Center for Excellence in Research, Los Angeles, CA.

**Dinalo, JE** and Kysh, L. (2017, February). Student See, Student Do: Mentoring Students in Research Data Management. Two-hour workshop at Western Group on Education Affairs Annual Conference, Salt Lake City, UT.

### **Professional and Academic Achievements**

2018-2019	Fellow, Developing Leaders for California Libraries – California Library Association
2017-2018	Co-investigator, USC Libraries' Dean's Challenge Grant, Reproducible Research through Data Services and Related eResearch Initiatives, (\$4600)
2017	Co-investigator, USC Center for Excellence in Research grant, Research Data Management for Reproducible Research in the Sciences & Health Sciences
2016	Co-investigator, USC Center for Excellence in Research grant, Research Data Management for Reproducible Research in the Sciences & Health Sciences
2016	Fellow, National Library of Medicine Georgia Biomedical Informatics Course. Sponsored by the National Library of Medicine
2015	Medical Library Association/Medical Informatics Section Career Development Grant, Medical Library Association
2013	Professional Development Grant, Northern California Nevada Medical Librarian Group
2008-2009	Trainee, Department of Microbiology and Immunology NIH Training Grant (2-T32-AI007328), Stanford University
2004-2007	Trainee, Division of Basic Science NIH Training Grant (5-T32-GM008203); University of Texas Southwestern Medical Center
2004	Winner Sigma Xi Annual Research Forum Abstract competition; University of Texas Southwestern Medical Center
2002	Dean's Discretionary Scholarship; University of Texas Southwestern Medical Center
2002	Excellence in Biochemistry Award; Regis University
2001	Fellow, Summer Undergraduate Research Fellowship; University of Texas Southwestern Medical Center
1998-2002	Natural Science Scholarship in Chemistry; Regis University

### **Professional Development**

2022	Data Services Continuing Professional Education – Research Data Management Librarian Academy – Elaine Martin, DA and Rong Tang, PhD, co-leaders.
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- 2022 FORCE 11 Scholarly Communication Institute, Collaboration for Action: Sharing Knowledge Across Boundaries – FORCE11 and University of California, Los Angeles.
- 2022 Allyship, Anti-Oppression Practices, and Building Inclusive Libraries – Library Juice Academy – CJ Ivory, instructor.
- 2021 PM 512 Principles of Epidemiology – University of Southern California, Department of Preventive Medicine – Amie E. Hwang, Instructor
- 2020 PM 510 Principles of Biostatistics – University of Southern California, Department of Preventive Medicine – Richard Watanabe, Instructor
- 2019 Library Management Skills Institute I: The Manager – Association of College and Research Libraries – DeEtta Jones, facilitator.
- 2018 Library Management Skills Institute II: The Organization – Association of College and Research Libraries – DeEtta Jones, facilitator.
- 2018 Edirect for Pubmed – National Library of Medicine – 7 MLA CE credits
- 2017 DLF eResearch Network – Digital Library Federation
- 2015 Librarian’s Guide to NCBI – National Center for Biotechnology Information – 54 MLA CE credits
- 2014 What You Need to Know about Writing Data Management Plans - ACRL e-Learning course

### **Professional Memberships and Contributions**

- 2015-present Medical Library Group of Southern California and Arizona
- Treasurer, 2017-2019
  - Joint Meeting Planning Finance Committee, co-chair, 2017-2018
  - Government Relations/Bylaws Committee, chair, 2016-2017
- 2012-present Medical Library Association
- Chair, Medical Informatics Caucus, 2019-2020
  - Journal of the Medical Library Association, reviewer, 2018-2020
  - Member, Research, Development, and Demonstration Project Grant Jury, 2018-2019
  - Chair-elect/Program Chair, Medical Informatics Section, 2018-2019
  - Community Manager, Medical Informatics Section, 2017-2018
  - Blogger, Medical Informatics Section, 2016-2017
  - Chair, Eliot Prize Award Jury, 2015-2016
  - Member, Eliot Prize Award Jury, 2014-2015
- 2013-2015 Northern California Nevada Medical Library Group
- Co-Chair, Outreach Committee, 2014-2015
  - Member, Outreach Committee, 2013-2014

- 2014-2016 California Academic and Research Libraries
- 2012-2016 Association of College and Research Libraries
- Member, Membership and Recruitment Committee, Science and Technology Section, 2014-2016
- 2012-2016 California Library Association
- 2011-2016 American Library Association
- Member, Training, Orientation and Leadership Development Committee, 2014-2016
  - Member, Publication and Communication Committee, Intellectual Freedom Round Table, 2014-2016