

Revised 10/15/23

CURRICULUM VITAE  
DAVID P. CURLEY, MD PHD

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EDUCATION

Undergraduate	University of Massachusetts Amherst, 1997-2001 BS, Biology Dean's List (multiple)
Medical	University of Vermont College of Medicine, 2003-2010 MD
Graduate	University of Vermont, 2001-2008 PhD, Cell and Molecular Biology - Warsaw Award for most outstanding PhD dissertation research, 2008 - American College of Physicians (ACP), Vermont Chapter Medical Student Research Award, 2008 - Keystone Symposia, National Cancer Institute Scholarship Award, 2007

POSTGRADUATE TRAINING

Residency	Harvard Affiliated Emergency Medicine Residency Brigham and Women's Hospital / Massachusetts General Hospital Boston, MA 2010-2014
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POSTGRADUATE HONORS AND AWARDS

2018	"Outstanding Contribution in Enhancing Patient Experience." (For the design and creation of a new observation medicine program and unit) The Miriam Hospital
2018	"2018 Outstanding Contribution to Clinical Service Award." Brown Emergency Medicine
2020	"Special Service Award." RI Chapter, American College of Emergency Physicians

2021 “Outstanding Service Recognition.” Brown Emergency Medicine  
2022 “Exemplary Service Award.” Brown Emergency Medicine  
2023 “RI Top Doc” (Emergency Medicine), RI Monthly Magazine

ACADEMIC APPOINTMENTS

2014- Assistant Professor  
Warren Alpert Medical School of Brown University  
Providence, RI

PROFESSIONAL LICENSES

2010-2014 Massachusetts Limited Medical License  
2014- State Of Rhode Island Medical License

HOSPITAL APPOINTMENTS

2021- Medical Director  
The Miriam Hospital Emergency Department  
Providence, RI  
2018-2021 Associate Medical Director  
The Miriam Hospital  
Providence, RI  
2020-2021 Operations Section Deputy Chief  
The Miriam Hospital Incident Command System (COVID response)  
Providence, RI  
2020- Physician Admitting Triage Officer of the Day  
Rhode Island Hospital  
Providence, RI  
2014- Attending Physician  
Rhode Island Hospital and The Miriam Hospital  
Providence, RI

### OTHER APPOINTMENTS

- 2017-2018      Lead Physician for Adult Observation Services, Rhode Island Hospital and The Miriam Hospital, Providence, RI
- 2016-2017      Director, Brown Emergency Medicine Residency Simulation Curriculum
- 2009-2010      MD/PhD Program Steering/Admission Committee  
University of Vermont College of Medicine

### HOSPITAL COMMITTEES

- 2022-            Member, The Miriam Hospital Human Experience Committee
- 2022-            Member, The Miriam Hospital Skilled Nursing Facility Utilization Working Group
- 2021-            Member, The Miriam Hospital Medical Executive Committee
- 2021-            Member, Lifespan Sepsis Steering Committee
- 2021-            Member, The Miriam Hospital Mortality Review Committee
- 2021-            Member, The Miriam Hospital Door to Balloon Committee
- 2021-            Member, The Miriam Hospital Environment of Care Council
- 2021-            Member, The Miriam Hospital Patient Flow Steering Committee
- 2021-            Member, The Miriam Hospital Medical Executive Committee
- 2021-2021      Co-Chair, The Miriam Hospital Emergency Preparedness Subcommittee
- 2018-2020      Co-chair, The Miriam Hospital Emergency Preparedness Committee
- 2018-            Member, The Miriam Hospital Regulatory Readiness Committee
- 2018-            Member, The Miriam Hospital Patient Flow Steering Committee

### DEPARTMENTAL COMMITTEES

- 2021-            Member, Brown Emergency Medicine Executive Committee

- 2018- Member, Brown Emergency Medicine Clinical Care Operations Committee
- 2018- Member, Brown Emergency Medicine Staffing Optimization Task Force

#### OTHER PROFESSIONAL TRAINING

- 2023- Leading at Lifespan longitudinal leadership training workshops.
- 2021 Six Sigma/LEAN Administrative Green Belt. Lifespan Department of Quality, Safety and Transformation. March, 2021.
- 2020 Leader as Coach Workshop. Presented by ACT Leadership. Sept, 2020.

#### MEMBERSHIP IN SOCIETIES

- 2010-2016 American College of Emergency Physicians (ACEP), resident member
- 2010-2016 Society for Academic Emergency Medicine (SAEM), resident member
- 2010-2014 American Academy of Emergency Medicine (AAEM), resident member
- 2010-2014 Emergency Medicine Resident Association (EMRA), member

#### PUBLICATIONS LIST

#### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Sternberg DW, MH Tomasson, M Carroll, **DP Curley**, G Barker, M Caprio, A Wilbanks, A Kazlauskas, DG Gilliland. The TEL/PDGFR fusion in Chronic Myelomonocytic Leukemia signals through STAT5-dependent and independent pathways. *Blood*. 2001 Dec 1;98(12):3390-7.
2. Kelly LM, J Kutok, I Williams, CL Boulton, SM Amaral, **DP Curley**, TJ Ley, DG Gilliland. PML/RAR $\alpha$  and FLT3/ITD induce an APL-like disease in a mouse model. *PNAS*. 2002 Jun 11;99(12):8283-8.
3. Kelly LM, JC Yu, CL Boulton, M Apatira, J Li, CM Sullivan, I Williams, SM Amaral, **DP Curley**, N Duclos, D Neuberger, RM Scarborough, A Pandey, S Hollenbach, K Abe, NA Lokker, DG Gilliland, NA Giese. CT53518, a novel selective FLT3 antagonist for the treatment of acute myelogenous leukemia (AML). *Cancer Cell*. 2002 Jun;1(5):421-32.
4. Cools J, EH Stover, CL Boulton, J Gotlib, RD Legare, SM Amaral, N Duclos, R Rowan, **DP Curley**, J Kutok, B Lee, IR Williams, SE Coutre, RM Stone, DJ DeAngelo, P Marynen, T Meyer, D Fabbro, D Neuberger, E Weisberg, J Griffin, and DG Gilliland. PKC412 overcomes resistance to imatinib in a murine model of FIP1L1-PDGFR $\alpha$ -induced myeloproliferative disease. *Cancer Cell*. 2003 May;3(5):459-69.
5. Clark JJ, Cools J, **Curley DP**, Yu JC, Lokker NA, Giese NA, Gilliland DG. Variable sensitivity of FLT3 activation loop mutations to the small molecule tyrosine kinase inhibitor MLN518. *Blood*. 2004 Nov 1;104(9):2867-72.

6. Huntly BJ, Shigematsu H, Deguchi K, Lee BH, Mizuno S, Duclos N, Rowan R, Amaral S, **Curley DP**, Williams IR, Akashi K, Gilliland DG. MOZ-TIF2, but not BCR-ABL, confers properties of leukemic stem cells to committed murine hematopoietic progenitors. *Cancer Cell*. 2004 Dec;6(6):587-96.
7. Growney JD, Shigamatsu H, Li Z, Lee BH, Adelsperger J, Rowan RR, **Curley DP**, Akashi K, Williams IR, Speck NA, Gilliland DG. Loss of Runx1 perturbs adult hematopoiesis and is associated with a myeloproliferative phenotype. *Blood*. 2005 Jul 15;106(2):494-504.
8. Lee BH, Williams IR, Anastasiadou EA, Boulton CL, Wojiski S, Amaral SM, **Curley DP**, Duclos N, Huntly BJ, Fabbro D, Griffin JD, Gilliland DG. Flt3 internal tandem duplication mutations induce myeloproliferative or lymphoid disease in a transgenic mouse model that responds to the Flt3 inhibitor PKC412. *Oncogene*. 2005 Nov 24;24(53):7882-92.
9. Bosenberg MW, Muthusamy V, **Curley DP**, Wang Z, Hobbs C, Nelson B, Nogueira C, Homer JW, Depinho R, Chin L. Characterization of melanocyte-specific inducible Cre recombinase transgenic mice. *Genesis*. 2006 May;44(5):262-7.
10. Muthusamy V, Duraisamy S, Bradbury CM, Hobbs C, **Curley DP**, Nelson B, Bosenberg MW. Epigenetic silencing of novel tumor suppressors in malignant melanoma. *Cancer Research*. 2006 Dec 1;66(23):11187-93.
11. Yang G, **Curley DP**, Bosenberg MW, Tsao H. Xeroderma Pigmentosum C (Xpc) Enhances Melanoma Photocarcinogenesis in Ink4a-Arf-deficient Mice. *Cancer Research*. 2007 Jun 15;67(12):5649-57.
12. **Curley DP\***, Dankort D\*, Cartledge RA, Nelson B, Karnezis AN, Damsky Jr WE, You MJ, Depinho RA, McMahon M, Bosenberg M. *Braf*V600E cooperates with *Pten* loss to induce metastatic melanoma. *Nature Genetics*. 2009 May;41(5):544-52.  
(\* equal contribution)
13. Held MA, **Curley DP**, Dankort D, McMahon M, Muthusamy V, Bosenberg MW. Characterization of melanoma cells capable of propagating tumors from a single cell. *Cancer Research*. 2010 Jan 1;70(1):388-97.
14. Damsky WE, **Curley DP**, Dankort D, Nelson B, DePinho R, McMahon M, Bosenberg MW. *Braf* activation and *Cdkn2a* loss results in a nevic phenotype with stochastic progression to melanoma in a novel mouse model. *Cancer Cell*. 2011 Dec 13;20(6):741-54
15. Sri-On J, **Curley DP**, Chang Y, Camargo CA, Weissman JS, Singer S, Liu SW. Boarding is associated with higher rates of medication delays and adverse events but fewer laboratory related delays. *Am J. Emergency Medicine*. 2014 June Sep;32(9):1033-6.
16. Alvarez V, Westover MB, Drislane FW, Dworetzky BA, **Curley DP**, Lee JW, Rossetti AO. Status Epilepticus Etiology Identification Tool (SEEIT): evaluation of a clinical tool for early identification of underlying etiology in status epilepticus. *Epilepsia*. 2014 Dec;55(12):2059-68.
17. Damsky W, Micevic G, Meeth K, Muthusamy V, **Curley DP**, Santhanakrishnan M, Erdelyi I, Platt JT, Huang L, Theodosakis N, Zaidi MR, Tighe S, Davies MA, Dankort D, McMahon M, Merlino G, Bardeesy N, Bosenberg M. mTORC1 activation blocks *Braf*V600E-induced growth arrest but is insufficient for melanoma formation. *Cancer Cell*. 2015 Jan 12;27(1):41-56.

18. Venkatesh AK, **Curley DP**, Chang Y, Liu SW. Communication of vital signs at emergency department handoffs: Opportunities for improvement. *Ann Emerg Med.* 2015 Aug;66(2):125-30.
19. Rich C, Papanagnou D, **Curley D**, Zhang XC. Neurosyphilis: A simulation case for Emergency Medicine resident. *Cureus/* 2018 Jul 16;10(7):e2984.

#### BOOKS AND BOOK CHAPTERS

1. **Curley DP**. "Emergencies in Oncology." In: *Scientific American Emergency Medicine*, First Edition.

#### OTHER NON PEER-REVIEWED PUBLICATIONS

1. **Curley DP**, Bosenberg MW. A new mechanism of release from senescence: suppression of p16<sup>INK4a</sup> by beta-catenin. *Pigment Cell and Melanoma Research.* 2008 Feb 21 (1):1-108.
2. **Curley DP**. Defining the roles of BRAF, PTEN and CDKN2A in mouse models of malignant melanoma. Dissertation submitted for satisfactory completion of Doctorate in Philosophy. 2008. University of Vermont College of Medicine.
3. **Curley DP**, Waterman SW. Doing no harm: the case against conservatism in regard to the development of the DSM-V. *AAPP Bulletin.* 2010 Apr 12 (17):19-20.
4. Slutzman JE, **Curley DP**, Macias-Konstantanopoulos W, Brown DF. Altered mental status and tachycardia. *J Emerg Med.* 2015 May;48(5):597-602.
5. Zhang XC, Statlet B, Suner S, Lloyd M, **Curley D**, Migliori ME. Man with a swollen eye: Nonspecific orbital inflammation in an adult in the Emergency Department. *J Emerg Med.* 2018 Jul;55(1):110-113.

#### ABSTRACTS

1. **Curley DP**, Bardeesy N, You J, Horner JW, Taketo MM, DePinho R, Bosenberg MW. Defining the roles of Pten and Beta Catenin in Novel Conditional Mouse Models of Melanoma Formation and Progression. *Keystone Symposia- Mouse models at the Frontiers of Cancer Discovery 2007.* (Winner- National Cancer Institute scholarship)
2. **Curley DP**, Dankort D, DePinho R, McMahon M, Bosenberg MW. Braf activation and Pten loss synergize to induce metastatic melanoma in a novel mouse model. *American College of Physicians (ACP) Vermont Chapter Annual Meeting 2008.* (Winner- medical student research competition)
3. Venkatesh A, **Curley DP**, Liu S. Communication of Vital Signs at Emergency Department Handoffs: Defining the Performance Gap. *American College of Emergency Physicians (ACEP) national meeting.* 2012.

#### COMPETITIVE FUNDING

1. National Institutes of Health (T32 #07122-23), Environmental Pathology Institutional Training Grant (June, 2005-June, 2008)

## INVITED PRESENTATIONS

## MEDIA APPEARANCES

1. WJAR/NBC10 COVID-19 Discussion/Question and Answer Live Panel Member (Answered questions related to COVID-19 live on air during nightly news). March, 2020.
2. WJAR/NBC10. Interview regarding snow storm related Emergency Department visits. Jan, 2022.
3. WJAR/NBC10, Fox25, CBS. Interview regarding National Guard presence in Hospital. March, 2022.
4. WJAR/NBC10. Interview regarding sudden cardiac arrest. Nov, 2022.

## LOCAL/REGIONAL

1. "Mouse modeling of malignant melanoma." University of Vermont Cell and Molecular Biology Seminar Series. 2006.
2. "Defining the roles of  $\beta$ -Catenin and Pten in melanoma formation and progression." University of Vermont MD/PhD Seminar Series. 2006
3. "Defining molecular mechanisms of melanoma formation and progression." University of Vermont Environmental Pathology Seminar Series. Multiple 2005-2008.
4. "Characterizing the roles of Braf, Cdkn2a and Pten in novel mouse models of melanoma." University of Vermont. Multiple 2006-2008.
5. "A case of disseminated varicella." Brigham and Women's Hospital Emergency Medicine Follow up Conference. 2010.
6. "A case of ischemic colitis." Massachusetts General Hospital Emergency Medicine Follow up Conference. 2011.
7. "Toxicology Pearls: The case of an agitated patient." Massachusetts General Hospital Emergency Medicine Resident Lecture. 2012
8. "New England Journal of Medicine CPC- Case files of the Massachusetts General Hospital." Massachusetts General Hospital / Harvard Affiliated Emergency Medicine Residency / Department of Internal Medicine. 2012.
9. Brigham and Women's Department of Emergency Medicine / Harvard Affiliated Emergency Medicine Residency Trauma Conference. Lecture. 2013.

10. "Laboratory Poisons." Boston Children's Hospital Division of Toxicology Lecture. 2013.
11. Massachusetts General Hospital Department of Emergency Medicine / Harvard Affiliated Emergency Medicine Residency Trauma Conference. Lecture. 2013.
12. Brigham and Women's Hospital Department of Emergency Medicine / Harvard Affiliated Emergency Medicine Residency Trauma Conference. Lecture. 2013.
13. "New England Journal of Medicine CPC- Case files of the Massachusetts General Hospital." Massachusetts General Hospital / Harvard Affiliated Emergency Medicine Residency / Department of Internal Medicine. 2014.
14. Massachusetts General Hospital Department of Emergency Medicine / Harvard Affiliated Emergency Medicine Residency Morbidity and Mortality Rounds. 2014.
15. "The Use of Advanced Airway Devices in the Emergency Department." Brown Emergency Medicine Annual Retreat. 2018.
16. "Push Dose Pressors in Critical Care." Brown Emergency Medicine Residency. 2018
17. "Abdominal Pain." Brown Emergency Medicine Residency Intern Orientation. 2019, 2020, 2021, 2022

#### UNIVERSITY TEACHING ROLES

1. Human Anatomy and Physiology (Biology 339). University of Massachusetts Amherst. Teaching Assistant. 1999.
2. Medical Cell and Molecular Biology (MD 553). University of Vermont College of Medicine. Teaching Assistant. 2007.
3. Medical Cell and Molecular Biology (MD 553). University of Vermont College of Medicine. Small Group Instructor. 2009
4. Harvard Premedical Non-resident tutor. Harvard College. 2012-2014.
5. Population Medicine Thesis Research (Med-Grad 2980), Warren Alpert Medical School of Brown University. Advisee- Scott Gummerson. 2017-2020

#### HOSPITAL TEACHING ROLES

1. Advanced Cardiac Life Support Clinical Skills Instructor (ACLS). Massachusetts General Hospital. 2011-2014.



2. Medical Student Clinical Skills Instructor. Brigham and Women's Hospital / Harvard Medical School. 2010-2014.
3. Massachusetts General Hospital Department of Emergency Medicine Continuing Professional Education. Airway Skills Instructor. 2014.
4. Attending physician. Brown Emergency Medicine Residency. 2014-present
5. Patient Experience "All Hands On Deck" Series. Created educational materials and video on provider communication with patients for physicians. The Miriam Hospital. 2023

#### RESIDENCY TEACHING ROLES

1. Director, Brown Emergency Medicine Residency Simulation Educational Curriculum. 2015-2018.
2. Faculty Advisor, Brown Emergency Medicine Residency, Simulation Curriculum Development Committee. 2015-2018
3. Resident Advisor, Brown Emergency Medicine Residency. 2015-2022
4. Brown Emergency Medicine Intern Orientation Lecture Series. 2018-present

#### OTHER ACTIVITIES

2022- Physician, Liaison, HeartSAFE Schools RI.