

**Scannell, Christopher, M.D., Ph.D.**  
**Curriculum Vitae**

**CONTACT:**

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Los Angeles, CA 90034  
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**EDUCATION:**

1998-2003            University of Washington  
Bachelor of Science, Molecular and Cellular Biology

2006-2008 and  
2013-2015            Keck School of Medicine of the University of Southern California  
Doctor of Medicine

2008-2013            Keck School of Medicine of the University of Southern California  
Doctor of Philosophy, Integrative Biology and Disease

2018-2021            Veterans Affairs (VA)/University of California, Los Angeles (UCLA)  
National Clinician Scholars Program (NCSP) Fellowship

**Medical Training**

2015-2016            UCLA, Internal Medicine Internship

2016-2018            UCLA, Internal Medicine Residency

**PROFESSIONAL EXPERIENCE:**

2018-2021            **Clinical Instructor**, Department of Medicine, UCLA

2018-present            **Primary Care Physician**, West Los Angeles VA Medical Center

2021                    **Clinical Research Lead**, Lightyear Health

2021-2022            **Assistant Project Scientist** (without salary), Division of General Internal  
Medicine & Health Services Research, UCLA

2022-present            **Post-Doctoral Fellow**, LA Area Health Services Research Training  
Program, UCLA Fielding School of Public Health

**Research Experience**

2008-2013            **Doctoral Research at the Keck School of Medicine**  
1) PI: Elizabeth Lawlor, M.D., Ph.D.

“The Role of LGR5 in the pathogenesis of Ewing sarcoma: A marker of aggressive disease and a contributor to the malignant phenotype”

- Performed survival analyses to examine the association between LGR5 expression and overall survival in a national cohort of Ewing sarcoma patients
- Used *in vitro* and *in vivo* laboratory methods to study the role of LGR5 expression in the growth, migration, and chemotherapeutic resistance of Ewing sarcoma cells

2018-2021

### **VA/UCLA NCSP Fellowship**

1) PI: Elizabeth Barnert, M.D., M.P.H., M.S.

“Ensuring Medicaid Coverage After Incarceration: A Key Policy Opportunity for the Justice-Involved Population”

- Conducted semi-structured interviews with expert stakeholders at the intersection of the criminal and juvenile justice systems with Medicaid
- Performed thematic analysis of interview transcripts to identify ways Medicaid gaps impact justice-involved populations at reentry and policy opportunities to eliminate these gaps

2) PI: Kenneth Wells, M.D., M.P.H.

“Communities for Wellness Equity: Community Voices”

- Collaborated with Healthy African American Families II, a non-profit agency in South Los Angeles, to engage local community members about their health and well-being during a day-long conference
- Conducted interviews and performed quantitative analyses of survey responses after the conference

3) PI: Yusuke Tsugawa, M.D., Ph.D.

“The Association of Geographic Measures of Sociodemographic Disparities and COVID-19 Cases and Deaths in the United States”

- Linked several large publicly available databases, including the Area Health Resources File, the American Community Survey, and data from the Center of Systems Science and Engineering at Johns Hopkins to create an analytic dataset
- Used general linear models to assess if an association existed between county and state-level measures of race, ethnicity, income, and social capital with COVID-19 cases and death

2021-2022

### **UCLA Assistant Project Scientist**

1) PI: Peter Glassman, MBBS, MSc

“Financial Burden of High-Deductible Health Plans Among Non-Elderly Adults with Cancer in the United States”

- Used data from the Medical Expenditure Panel Survey to assess trends in out-of-pocket spending and catastrophic

health expenditures among patients with and without cancer enrolled in high-deductible health plans

- Used two-part and logistic models to analyze to how these outcomes differed by income and insurance deductible level

2022-present

**Post-Doctoral Fellow:**

1) PI: Alice Chen, PhD

“Impact of Generic Drug Market Entry on Rebates for Brand Name Drugs”

- Used data from SSR Health and First DataBank to assess trends in rebates for brand name drugs pre- and post-generic drug market entry
- Used stacked difference-in-difference models in the main analysis and in sub-analyses based on therapeutic class or number of generic drugs currently available

2) PI: Kimberly Narain, MD, MPH, PhD

“Socioeconomic and Racial/Ethnic Disparities in Anti-Obesity Medication Utilization Among Adult Patients in the United States”

- Used data from the Medical Expenditure Panel Survey to assess trends in anti-obesity medication utilization across different patient sub-groups
- Used logistic regression models to determine if disparities existed across sub-groups based on measures of socioeconomic and racial/ethnic status

**Teaching Experience**

2018-2019

**Faculty Advisor**, AMSA - UCLA David Geffen School of Medicine Chapter

- Provided advice and instruction on prescription drug regulation and advocacy methods for medical students to facilitate a national campaign on affordable drug prices

2018-2021

**Attending Physician**, West Los Angeles VA Medical Center

- Supervise UCLA Internal Medicine residents in the primary care clinic

2019

**Co-Instructor**, Health Services Research Methodology I, VA/UCLA Fellowship

- Helped teach a course for incoming NCSP fellows about health services research design, with a particular emphasis on quasi-experimental methods

**Service & Leadership**

2009-2010

**Health Policy Coordinator**, American Medical Student Association (AMSA) - Keck Chapter

- Organized lunchtime events and journal club discussions about current health care policy topics

- 2010                    **Director**, California Lobby Day, California Health Professional Student Alliance
- Coordinated a 2-day event for allied health care professional students across California to learn about and advocate for expanded access to health care
- 2010-2012            **Co-Director**, Health Care for All Campaign, AMSA
- Coordinated monthly conference calls for national campaign
  - Polled members to determine campaign priorities and reviewed project applications
  - Co-authored and helped organize several health policy studies
- 2022-current        **Professional Development Coach**, UCLA Professional Development Coaching Program
- Provided coaching for UCLA Internal Medicine residents to help them achieve their personal and professional goals and mitigate burnout

**Memberships**

2021-present        AcademyHealth

**Honors and Awards**

2001-2003            Dean's List, University of Washington

2003                    Mary Gates Scholarship, University of Washington

2006-2008            Salerni Collegium Scholarship, Keck School of Medicine

2006-2008            Brines M.D./Ph.D. Scholarship, Keck School of Medicine

2006-2008            Hoffman Scholarship, Keck School of Medicine

2011                    Graduate Student Research Award - 22<sup>nd</sup> Annual Pediatrics Research Symposium, University of Michigan

2013-2014            Dean's Award, Keck School of Medicine

**Scannell, Christopher**  
**Bibliography/Publications**

**RESEARCH PAPERS**

A. RESEARCH PAPERS – PUBLISHED

1. Cannon CM, **Scannell CA**, and Palmiter RD (2005). Mice lacking dopamine D1 receptors express normal lithium chloride-induced conditioned taste aversion for salt but not sucrose. *European Journal of Neuroscience*, 21(9), 2600-4. doi: 10.1111/j.1460-9568.2005.04077.x.
2. Huntoon KM, McCluney CJ, **Scannell CA**, Wiley EA, Bruno R, Andrews A, and Gorman P (2011). Healthcare reform and the next generation: United States medical student attitudes toward the Patient Protection and Affordable Care Act. *PLoS One*, 6(9), e23557. doi: 10.1371/journal.pone.0023557.
3. Huntoon KM, McCluney CJ, Wiley EA, **Scannell CA**, Bruno R, and Stull MJ (2012). Self-reported evaluation of competencies and attitudes by physicians-in-training before and after a single day legislative advocacy experience. *BMC Medical Education*, 12, 47. doi: 10.1186/1472-6920-12-47.
4. Li Z, Jang JK, Lechner MG, Hu P, Khawli L, **Scannell CA**, and Epstein AL (2013). Generation of tumor-targeted antibody-CpG conjugates. *Journal of Immunological Methods*, 389(1-2), 45-51. doi: 10.1016/j.jim.2012.12.009.
5. **Scannell CA**, Pedersen EA, Mosher JT, Krook MA, Nicholls LA, Wilky BA, Loeb DM, and Lawlor ER (2013). LGR5 is expressed by Ewing Sarcoma and potentiates Wnt/ $\beta$ -Catenin signaling. *Frontiers in Pediatric Oncology*, 3, 81. doi: 10.3389/fonc.2013.00081.
6. Krook MA, Nicholls LA, **Scannell CA**, Chugh R, Thomas DG, and Lawlor ER (2014). Stress-induced CXCR4 promotes migration and invasion of Ewing sarcoma. *Molecular Cancer Therapeutics*, 12(6), 953-64. doi: 10.1158/1541-7786.MCR-13-0668.
7. Matsuo K, Cahoon SS, Gualtieri M, **Scannell CA**, Jung CE, Paulson RJ, Muderspach LI, and Roman LD (2014). Significance of Adenomyosis on Tumor Progression and Survival of Endometrial Cancer Patients. *Annals of Surgical Oncology*, 21(13):4246-55. doi: 10.1245/s10434-014-3880-6.
8. Matsuo K, Moeini A, Machida H, **Scannell CA**, Casabar JK, Kakduda M, Adachi S, Garcia-Sayre J, Ueda Y, and Roman LD (2016). Tumor Characteristics and Survival Outcome of Endometrial Cancer Arising in Adenomyosis: An Exploratory Analysis. *Annals of Surgical Oncology*, 23(3):959-67. doi: 10.1245/s10434-015-4952-y.
9. Machida H, Maeda M, Cahoon SS, **Scannell CA**, Garcia-Sayre J, Roman LD, and Matsuo K (2017). Endometrial cancer arising in adenomyosis versus endometrial cancer coexisting with adenomyosis: are these two different entities? *Archives of Gynecology and Obstetrics*, 295(6):1459-1468. doi: 10.1007/s00404-017-4375-z.

10. Albertson EM, **Scannell CA**, Ashtari N, and Barnert E (2020). Eliminating Gaps in Medicaid Coverage During Reentry After Incarceration. *American Journal of Public Health*, 110(3):317-21. doi: 10.2105/AJPH.2019.305400.
11. Oronce CIA, **Scannell CA**, Kawachi I, and Tsugawa Y (2020). Association Between State-Level Income Inequality and COVID-19 Cases and Mortality in the United States. *Journal of General Internal Medicine*, 35(9):2791-2793. doi: 10.1007/s11606-020-05971-3.
12. **Scannell CA**, Oronce CIA, and Tsugawa Y (2020). Association Between County-Level Racial and Ethnic Characteristics and COVID-19 Cases and Deaths in the United States. *Journal of General Internal Medicine*, 35(10):3126-3128. doi: 10.1007/s11606-020-06083-8.
13. Barnert E, **Scannell CA**, Ashtari N, and Albertson EM (2021). Policy Solutions to End Gaps in Medicaid Coverage During Reentry After Incarceration: Experts' Recommendations. *Journal of Public Health*. doi.: 10.1007/s10389-021-01483-4.
14. Yanagisawa M, Kawachi I, **Scannell CA**, Oronce CIA, and Tsugawa Y (2021). Association Between County-Level Social Capital and the Burden of COVID-19 Cases and Deaths in the United States. *Annals of Epidemiology*, 59:21-23. doi: 10.1016/j.annepidem.2021.04.008.
15. **Scannell CA**, Quinton JK, Jackson NJ, and Tsugawa Y (2021). Primary Care Health Professional Shortage Area Designations Before and After the Affordable Care Act's Shortage Designation Modernization Project. *JAMA Network Open*, 4(7):e2118836. doi: 10.1001/jamanetworkopen.2021.18836.
16. Liu C, **Scannell CA**, Kenison T, Wren SM, and Saliba D (2022). Improvement and Gaps in Financial Risk Protection Among Veterans Following the Affordable Care Act. *Journal of General Internal Medicine*, 37(3):573-581. doi: 10.1007/s11606-021-06807-4.
17. **Scannell CA**, Albertson EM, Ashtari N, and Barnert E (2022). Reducing Medicaid Coverage Gaps for Youth During Reentry. *Journal of Correctional Health Care*, 8(1):39-46. doi: 10.1089/jchc.20.03.001.
18. Agonafer EP E, Jones F, Jones A, Carson S, Richards DL, **Scannell CA**, Soderlund P, and Wells KB (2022). Communities for Wellness Equity: Implementing a Partnered Symposium to Identify Social Determinants of Health Priorities. *Progress in Community Health Partnerships*, 2022;16(1):105-117. doi: 10.1353/cpr.2022.0010.

## **ABSTRACTS**

### **A. ABSTRACTS – ACCEPTED**

1. **Scannell CA**, Abdueva D, Ji L, von Levetzow C, Sposto R, Triche TJ, and Lawlor ER (2010). High expression of the stem cell marker LGR5 is associated with a poor clinical outcome in patients with Ewing's sarcoma. Proceedings of the 101st Annual Meeting of the American Association for Cancer Research, Abstract 4640.
2. **Scannell CA**, von Levetzow C, Sposto R, Triche TJ, Thomas D, and Lawlor ER (2011). LGR5 is a novel prognostic biomarker in Ewing's sarcoma and promotes tumor cell proliferation. 22nd Annual University of Michigan Pediatrics Research Symposium.
3. McCluney C, Huntoon K, **Scannell CA**, Wiley, and Bruno R (2012). Healthcare Reform and the Next Generation: United States Medical Student Attitudes Toward the Patient Protection and Affordable Care Act. 17th Annual Poster Session at the AMSA Annual Convention, Abstract 60.
4. **Scannell CA**, McCluney C, and Huntoon K (2012). A Single Encounter with Legislative Healthcare Advocacy Can Improve Student Perceptions and Commitment to Advocacy. 17th Annual Poster Session at the American Medical Student Association (AMSA) Annual Convention, Abstract 63.
5. Airik M, Krook M, **Scannell CA**, Haak A, Neubig R, and Lawlor E (2013). Serum deprivation induces Ewing sarcoma cells to adopt a more invasive phenotype and to upregulate RHO-MKL transcriptional activity. Proceedings of the 104<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Abstract 5030.
6. Pedersen EA, **Scannell CA**, and Lawlor ER (2013). R-spondin potentiates Wnt/ $\beta$ catenin signaling in Ewing sarcoma cells. Proceedings of the 104<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Abstract 5031.
7. Krook MA, Nicholls LA, Bailey NJ, Han A, **Scannell CA**, Thomas D, and Lawlor ER (2013). Elucidating the role of CXCR4 in Ewing sarcoma. Proceedings of the 104<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Abstract 5032.
8. **Scannell CA**, Castellanos DA, Olowoyeye A, and Van Speybroeck A (2014). 7 Year Old Male with Acute on Chronic Back Pain. American Association of Pediatrics National Conference and Exhibition, Abstract 24174.
9. Pedersen EA, **Scannell CA**, Menon R, and Lawlor ER (2014). Tenascin C is a canonical Wnt target gene in Ewing sarcoma and its expression is potentiated by R-spondin. Proceedings of the 105<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Abstract 3085.
10. **Scannell CA**, Kelley K, Ghafouri S, Chen C, Jones J, Rodriguez J, Young Y, Pinter-Brown L, and Sasine J (2018). Predicting Relapse after Autologous Hematopoietic Cell Transplant in Diffuse Large B Cell Lymphoma: A Retrospective Analysis. 36<sup>th</sup> Annual Solomon Scholars Research Program.

11. **Scannell CA** and Wherry L (2019). The Impact of the ACA Medicaid Expansion on Inpatient Utilization and the Role of Local Physician Supply. National Clinician Scholars Program 2019 Annual Meeting.
12. Albertson EA, **Scannell CA**, Ashtari, and Barnert E (2020). Ensuring Medicaid Coverage After Incarceration: A Key Policy Opportunity for the Justice-Involved Population. AcademyHealth National Health Policy Conference.
13. Liu C, Kenison T, and **Scannell CA**. Improvements and Gaps in Financial Risk Protection Among Veterans Following the Affordable Care Act. AcademyHealth 2020 Annual Research Meeting.
14. **Scannell CA** and Wherry L. The Impact of Medicaid Expansion on Hospital Utilization Among the Previously Uninsured: New Evidence from Longitudinal Hospital Data. AcademyHealth 2021 Annual Research Meeting.
15. **Scannell CA**, Fauer A, and Glassman P. Financial Burden of High-Deductible Health Plans Among Non-Elderly Adults with Cancer in the United States. AcademyHealth 2022 Annual Research Meeting.