

JARED C. COCHRAN, PHD

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PROFESSIONAL SUMMARY

- As a Medical Director, I have a strong and comprehensive knowledge of preclinical and clinical publications as well as publication planning in the therapeutic area of infectious diseases/vaccines
- I have consistently demonstrated leadership skills from kickoff call to publication on various projects, including content development, reviewing junior writers' work, and editing
- I am proficient in working with cross-functional teams, collaborating with subject matter experts, researchers, editorial staff, and creative graphics professionals to deliver high-quality, on-time products
- As a senior scientist, I conducted pharmaceutical GMP validation research and regulatory writing
- I have a solid understanding of the fundamentals of drug substance and drug product manufacturing
- As an assistant professor, I gained valuable experience in the leadership and management of a federally-funded research laboratory focused on multiple projects across diverse biochemistry disciplines
- My scientific success/productivity is demonstrated by 24 published high-impact journal articles

AREAS OF EXPERTISE

- Attention to detail and strategic thinking when developing various medical communication deliverables, including review articles, research manuscripts, responses to reviewers' comments, posters, oral presentations, abstracts, plain language summaries, congress summary reports, client bibliographies, scientific communication platforms, advisory board slide decks, infographics
- Author and review documents for GMP activities in contract pharmaceutical manufacturing industry
- Published analytical biochemist with high-impact journal manuscripts and federal/private grant funding
- University undergraduate and graduate teaching experience including biotechnology writing curriculum
- Online course development and 1:1 biochemistry tutoring of college students globally (2000+ hrs)
- Principal investigator for a research laboratory, with experience hiring, training, evaluating employees
- Strong foundation in project management, planning, scheduling, operational decision making, and prioritizing objectives for on-time project completion
- Excellent skills in problem solving strategies, critical thinking, time management, and statistical analysis
- Competent, flexible, and adapting in high-pressure environments, maintaining composure and delivering exceptional results under tight deadlines and demanding situations
- Proficient with MS Office, GraphPad Prism, iEnvision, PubsHub, and general office facilities
- Excellent spoken/written and interpersonal English communication for building stakeholder engagement

EXPERIENCE

ApotheCom, an Inizio Medical Company, Yardley, PA (remote)	
<i>Medical Director</i>	Oct 2025–present
<i>Associate Medical Director</i>	Apr 2024–Sep 2025
<i>Senior Medical Writer</i>	Jan 2023–Mar 2024
<i>Medical Writer</i>	Dec 2020–Dec 2022
Private Online Tutor Business, Wyzant & CochranLearning.com	
<i>Biochemistry Tutor</i>	Oct 2018–present
Catalent Biologics, Quality Control Chemistry, Bloomington, IN	
<i>Senior Scientist</i>	Jan 2019–Dec 2020
Indiana University, Department of Biochemistry, Bloomington, IN	
<i>Assistant Professor</i>	Aug 2011–Jan 2019
Dartmouth College, Department of Chemistry, Hanover, NH	
<i>NIH Ruth L. Kirschstein Postdoctoral Researcher</i>	Jan 2006–Jul 2011

EDUCATION

University of Pittsburgh, *Doctor of Philosophy (PhD)* Biochemistry Aug 2001–Dec 2005
University of Pittsburgh, *Bachelor of Science (BS)* Biology Aug 1996–Apr 2000

AWARDS

National Science Foundation Investigator-Initiated Research Project Award Jul 2016
Indiana University Faculty Research Support Program Award Jul 2014
Indiana University Trustees Teaching Award May 2014
Indiana University Faculty Research Support Program Award Jan 2013

RESEARCH PUBLICATIONS

- 24) Walker BC, Walczak CE, **Cochran JC** (2021) *Cytoskeleton (Hoboken)* 78:3
- 23) Walker BC, Tempel W, Zhu H, Park H, **Cochran JC** (2019) *Biochemistry* 58: 2326
- 22) Eskew JS, Connell CG, **Cochran JC** (2019) *BioRxiv* <https://doi.org/10.1101/474171>.
- 21) Wang Z, Hughes AC, Brandao HB, Walker B, Lierz C, **Cochran JC**, Oakley MG, Kruse AC, Rudner DZ (2018) *Mol Cell* 71: 841
- 20) Yue Y, Blasius TL, Zhang S, Jariwala S, Walker B, Grant BJ, **Cochran JC**, Verhey KJ (2018) *J Cell Bio* 217: 1319
- 19) Bell KM, Cha HK, Sindelar CV, **Cochran JC**. (2017) *J Biol Chem* 292: 14680
- 18) Shang Z, Zhou K, Xu Z, Csencsits R, **Cochran JC**, Sindelar CV (2015) *Elife* 3: e04686
- 17) **Cochran JC** (2015) *Biophys Rev* 7: 269
- 16) Verhey KJ, **Cochran JC**, Walczak CE (2015) “The Kinesin Superfamily” In: *Kinesins and Cancer* Frank Kozielski, ed. Humana Press, NY. Ch. 1. 1-26 ISBN 978-94-017-9732-0
- 15) Guo B, Audu CO, **Cochran JC**, Mierke DF, Pellegrini M (2014) *Biochemistry* 53: 6776
- 14) **Cochran JC** and Kull FJ (2013) *Nat Struct Mol Biol* 20: 920
- 13) **Cochran JC**, Thompson ME, Kull FJ (2013) *J Biol Chem* 288: 28312
- 12) Audu CO, **Cochran JC**, Pellegrini M, Mierke DF (2013) *J Pept Sci* 19: 504
- 11) Waitzman JS, Larson AG, **Cochran JC**, et al. (2011) *Biophys J* 101: 2760
- 10) **Cochran JC**, Zhao YC, Wilcox DE, Kull FJ (2011) *Nat Struct Mol Biol* 19: 122
- 9) Zhao YC, Kull FJ, **Cochran JC** (2010) *J Biol Chem* 285: 25213
- 8) **Cochran JC**, Sindelar CV, Mulko NK, Collins KA, Kong SE, Hawley RS, Kull FJ (2009) *Cell* 136: 110
- 7) **Cochran JC** and Kull FJ (2008) *Cell* 134: 918
- 6) **Cochran JC**, Krzysiak TC, Gilbert SP (2006) *Biochemistry* 45: 12334
- 5) **Cochran JC** and Gilbert SP (2005) *Biochemistry* 44: 16633
- 4) **Cochran JC**, Gatial JE III, et al. (2005) *J Biol Chem* 280: 12658
- 3) **Cochran JC**, Sontag CA, Maliga Z, Kapoor TM, Correia JJ, Gilbert SP (2004) *J Biol Chem* 279: 38861
- 2) Skiniotis G, **Cochran JC**, Müller J, Mandelkow E, Gilbert SP, Hoenger A. (2004) *EMBO J* 23: 989
- 1) Coughlan CM, Walker JL, **Cochran JC**, Wittrup KD, Brodsky JL (2004) *J Biol Chem* 279: 15289

COURSE DEVELOPMENT

MCAT Prep: Biochemistry Short Course	Undergraduate	2025
Biochemistry Short Course	Undergraduate	2021
Macromolecular Structure and Function	Graduate	2018
Applied Biochemistry	Undergraduate/graduate	2018
Integrated Biochemistry	Graduate	2017
Biotechnology Writing and Communication	Graduate	2016
Biological Chemistry	Undergraduate	2013

EXTRAMURAL GRANT SUPPORT

NSF Investigator-Initiated Research Project 1614514 (Cochran-PI)
Indiana University Faculty Research Support Program Award; (Cochran-PI)
NIH Ruth L. Kirschstein National Research Service Award (NIAMS); (Cochran and Kull - Co-PIs)