

Possible Careers for PhDs in Biomedical Science

When consulting this list, understand that this is an ever-growing work in progress. If there are jobs or job functions that are NOT listed, please let a Graduate Division team member know, and we can update the list. If you have questions about this list, please contact Graduate and Postdoc Careers at carxphd@iupui.edu or Lauren Easterling at easterli@iu.edu. The taxonomy created by the NIH Best Consortium was the starting point for this list and I give that consortium credit for the foundations. Many thanks also to many colleagues and others on Twitter who helped me expand and edit this list (Please contact me with additional suggestions).

Academia

1. Assistant/associate professor
2. Research assistant/associate professor
3. Staff Scientist/Research Associate
4. Lecturer/Sr. Lecturer/Teaching Professor/Instructor
5. Postdoctoral scholar (and other forms of additional training)

Academic & Research Administration

1. Program coordinator/ manager/director
2. Career development officer
3. Director of diversity
4. Development officer
5. Research coordinator/administrator/director/program manager
6. Core coordinator/administrator/director/manager
7. Lab manager
8. Grant manager/administrator/writer/editor/program officer
9. IACUC (institutional animal care and use committee) coordinator/manager
10. IRB (internal review board) manager/administrator
11. Research development associate/specialist/coordinator
12. Senior research officer
13. Technology licensing agent/specialist/associate
14. Technology transfer agent/officer/specialist/manager
15. Biocurator
16. Career Advisor/Coach/Developer
17. Postdoctoral Affairs
18. Graduate Student Affairs
19. Senior Leadership (Dean, Associate Dean)

Science Education & Outreach

1. Teacher/educator/instructor in higher education
2. Teacher/educator/instructor in K-12 education
3. Curriculum developer
4. Community relations manager/specialist
5. Education specialist
6. Outreach coordinator/director
7. Events coordinator
8. Museum educator/exhibit developer
9. Science Career Specialist

Industry Research

1. Scientist/investigator
2. Director of research
3. Study director
4. Discovery researcher
5. Biologist/chemist/mass spectrometry specialist/imaging lab lead

Science Writing & Communication

1. Communications manager/officer/director
2. Public relations manager/officer/director
3. Media director
4. Press officer
5. Science writer
6. Medical writer
7. Editor/journal editor
8. Copy editor
9. Publisher
10. Science Journalism
11. Trainer/Instructor (skills-focused)
12. Broadcaster (science-related)
13. Filmmaker (science films)
14. Scientific animator/illustrator
15. Scientific marketing
16. Scientific technical support
17. Medical Science Liaison
18. Medical Affairs

Business Development, Consulting, & Strategic Alliances

1. Application scientist/specialist
2. Product development scientist/engineer
3. Analyst
4. Market researcher
5. Accounts manager
6. Scientific sales
7. Business development
8. Strategy consultant
9. Venture capital and other investment-related careers
10. Chief Scientific Officer (CSO)
11. Entrepreneur/Business owner
12. C-suite position (other than CSO)
13. Assistant/associate/senior vice president in a bioscience company or institute

Government (local, state, federal, international - includes NIH, NSF, CDC, FDA)

1. Scientist/investigator/research associate
2. Laboratory manager
3. Study director
4. Program manager/director
5. Toxicologist/biologist/chemist/etc.
6. Grants manager
7. Policy analyst
8. Scientific Review Officer
9. Program specialist
10. Program associate
11. FDA Reviewer

Non-Profit

12. Scientist/investigator/research associate
13. Program manager/director
14. Toxicologist/biologist/chemist/etc.
15. Grants manager
16. Policy analyst
17. Scientific Review Officer
18. Science Education/Outreach
19. Advocacy associate/officer/manager

Law, Policy, & Regulatory Affairs

1. Patent agent
2. Intellectual property lawyer/attorney
3. Policy advisor
4. Policy analyst
5. Legislative policy analyst
6. Health policy analyst
7. Public health analyst
8. Health program specialist
9. Advocacy specialist/manager
10. Program/legislative analyst
11. Lobbyist
12. Public affairs officer
13. Government relations
14. Regulatory/compliance director/officer/associate
15. Radiation safety specialist
16. Animal subjects specialist
17. Quality control specialist
18. Technology transfer agent/officer/specialist

Healthcare & Clinical Science

1. Clinical trials coordinator/ manager/director
2. Clinical research coordinator/ manager/director
3. Translational research director
4. Clinical laboratory associate
5. Clinical data analysts/manager
6. Epidemiologist
7. Biostatistician
8. Genetic counselor (requires additional certification)
9. Genetics/Pathology/Microbiology/Immunology specialist
10. Public health coordinator
11. Physician/other healthcare provider

Data science, analytics, and software engineering

1. Bioinformatics specialist
2. Genomics specialist
3. Proteomics specialist
4. Data steward
5. Research Software Engineer

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