

# SMDP

SCHOLAR MENTORING & DEVELOPMENT PROGRAM

## Outcomes Report

for 2002-2023  
SMDP Biotech  
Cohorts

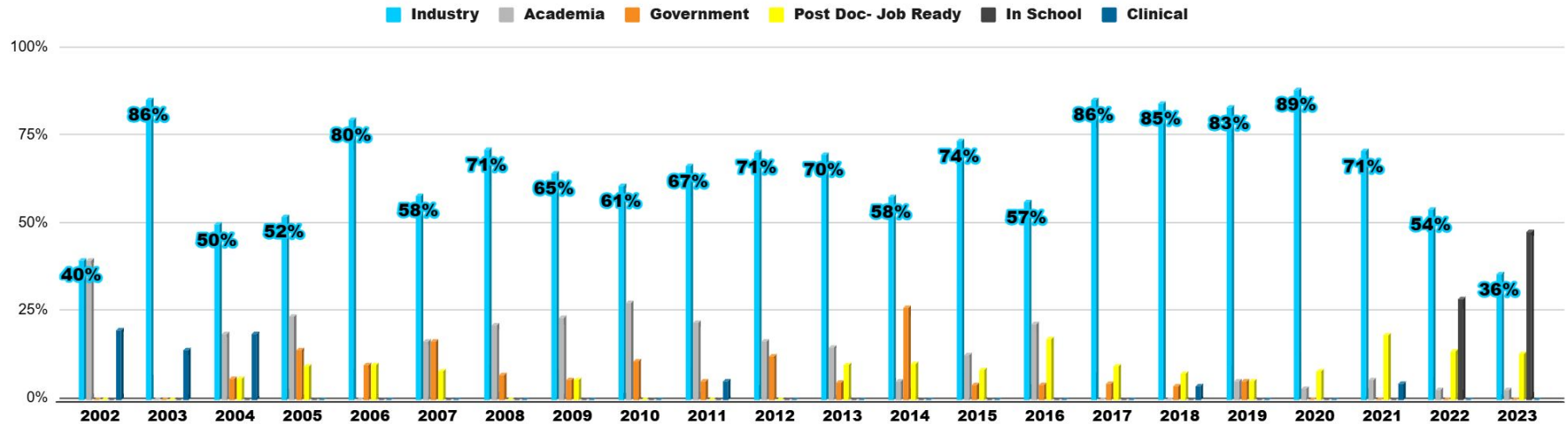
[smdp.icpdprograms.org](https://smdp.icpdprograms.org)

*data collected from the SMDP Portal and LinkedIn from Feb-Oct 2024*



# OUTCOMES

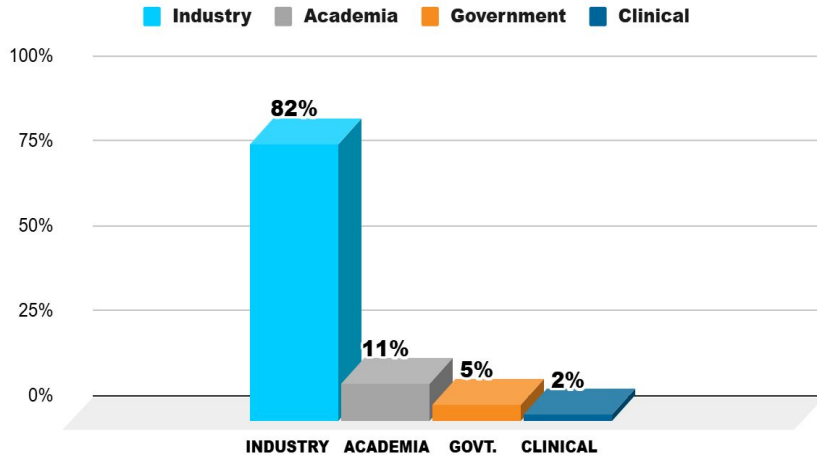
## WHERE THE SMDP SCHOLARS ARE NOW



an initiative of the International Center for Professional Development (ICPD)

# OUTCOMES for Employed Scholars

## EMPLOYED BY SECTOR



82%

of employed  
SMDP Biotech  
Scholars  
from the  
2002-2023 cohorts  
are employed in  
industry

VS

50%

Approximately of  
the general  
population with  
PhD's in life  
sciences are  
employed in  
industry

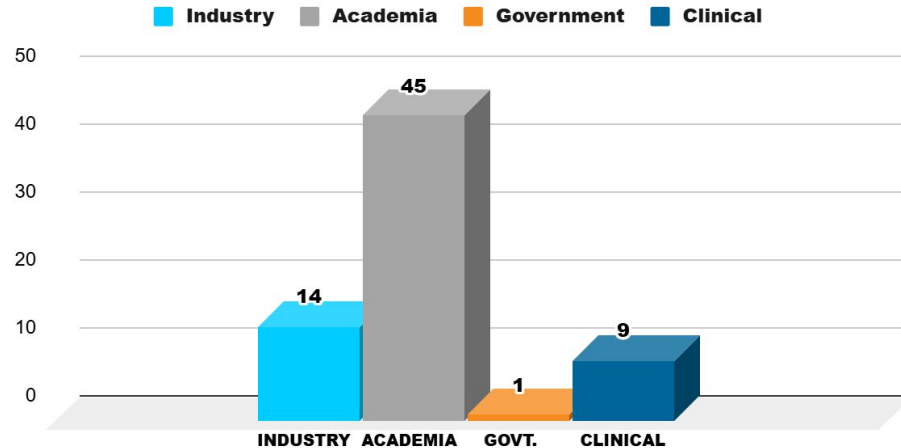


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Reference: National Science Foundation, National Center for Science and Engineering Statistics. (2020). *Doctorate recipients from U.S. universities: 2019* (NSF 20-308). <https://nces.nsf.gov/pubs/nsf20308>

# POSTDOC SMDP Scholars 2002-2023

## # of SMDP POSTDOCS BY SECTOR



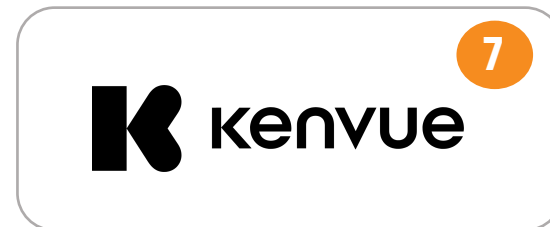
## Sponsor companies where Postdocs are held

Amgen  
Eli Lilly  
GSK  
Johnson & Johnson  
Kenvue  
Merck



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# SMDP Biotech Current Top Industry Employers for the 2002-2023 SMDP Biotech Scholar Cohorts



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# SMDP Biotech Top Industry Employers for the 2019-2023 SMDP Biotech Scholar Cohorts



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# Ranking of Top 20 PhDs by Academic Focus for 2002-2023 Biotech Scholar Cohorts

1. Genetics and Molecular Biology
2. Cell and Developmental Biology
3. Microbiology
4. Bioengineering and Biomedical Engineering
5. Biochemistry and Molecular Biophysics
6. Molecular, Cellular and Integrative Physiology
7. Neuroscience and Behavior
8. Plant Cellular and Molecular Biology
9. Biomedical Sciences, Genetics
10. Candidate Oncology and Cancer Biology
11. Microbiology and Immunology
12. Biology
13. Cell & Molecular Physiology
14. Immunology
15. Biological and Environmental Engineering
16. Biochemistry and Molecular Genetics
17. Biochemistry and Molecular Biology
18. Cardiovascular and Pulmonary Biomedical Science
19. Biochemistry
20. PhD Molecular Toxicology



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# Ranking of Top 20 Universities

## for SMDP Biotech Scholars admitted to the 2002-2023 cohorts

1. Baylor College of Medicine
2. Morehouse School of Medicine
3. Rutgers University
4. Vanderbilt University
5. Stony Brook University
6. Howard University
7. University of North Carolina at Chapel Hill
8. University of Illinois at Chicago
9. Ponce Health Sciences University
10. Georgia Institute of Technology
11. Emory University
12. UC Davis
13. University of Pennsylvania School of Medicine
14. University of Chicago
15. Cornell University
16. UT Southwestern Medical Center
17. Purdue University
18. Northeastern University
19. Rush University
20. Texas Tech University Health Sciences Center



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## Virtual Events

SMDP invites sponsor companies to join a Career Networking Event with SMDP Scholars, offering sessions on job opportunities and career paths.

## SMDP Scholar Spotlights

Each week SMDP Scholar spotlights highlighting the career achievements of the SMDP alumni are published on the online SMDP Portal.

## Jobs Board

Members of the mentoring portal, including current and former scholars, mentors, and partner company recruiters, can post job opportunities.

## Weekly Email Summary

Every Wednesday a weekly email detailing recent SMDP portal activities and highlighting current SMDP content is sent to all portal members

## Alumni Program

Keeps scholars connected and provides industry exposure. It also promotes lifelong mentoring and recruitment of new scholars.

## Mentor Moments

A new SMDP Mentor Moment is posted every Wednesday for discussion during mentoring meetings and for the ongoing professional development of all SMDP alumni and mentors

# “ What Scholars say about SMDP ”

Thank you for developing such an incredible program. What we learned and experienced is beyond measure.

Jessica Falcon  
SMDP MedTech 2018

I am excited to share that I have started a position. I can attribute this to the networking opportunities and exposure gained during SMDP. The program has been very instrumental in my post-graduate success. I look forward to giving back.

Richard Carter, PhD  
SMDP Biotech 2013

I intend to interact regularly with my mentor, which by the way was like a match made in heaven. I am almost ready to transition and the program is just what I was looking for.

Mehabaw G. Derebe, PhD  
SMDP Biotech 2014

I can't emphasize how pivotal the SMDP program has been in making my industry internship possible. From my first connection with an industry executive to the ongoing support from MY mentor, and the invaluable guidance from other mentors. The resume session was instrumental as well. I'm beyond grateful for the encouragement and support of the entire SMDP team!

Abiola Sholarin SMDP  
Biotech 2024

I have been to a bunch of academic conferences, but nothing has ever transformed my life compared to what I have received from SMDP.

Elizabeth Ndontsa, PhD  
SMDP Biotech 2016

Words cannot describe the impact that interacting with all of you has made on me. This has been by far the most influential and enlightening conference I have had the pleasure of attending.

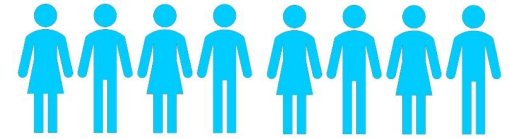
David Diaz, PhD  
SMDP MedTech 2015

SMDP helped me realize other career paths exist outside of academia. The direction my mentor offered me regarding my career is priceless. This program is an amazing advantage for PhDs.

Fabiola Gomez, PhD  
SMDP Biotech 2014

Being around such amazing individuals who look like me or have experiences like me was so rewarding.

Sasha Padilla-Coley  
SMDP Biotech 2019



## SMDP Gateway

Builds a pipeline for future SMDP applicants. Anyone can join the SMDP Gateway at no cost and gain access to SMDP career development resources, job listings and alumni mentors.

## Staff

Two full time ICPD employees and a team of SMDP alumni work carry out Scholar recruitment and promote SMDP.

## Campus Contacts

Outreach is done by phone, email and virtual visits to approx. 650 contacts at US and Puerto Rico. academic institutions and via the Handshake platform.

## O&P Committee

The SMDP Outreach & Planning committees are comprised of ICPD staff, sponsor company representatives, stakeholders and SMDP alumni. Committee members help to raise awareness of SMDP.

## Call for Applicants

The SMDP Call for Applicants is distributed to SMDP Alumni, the O&P Committees and approx. 10,000 email newsletter subscribers who share it with their networks.

## Professional Groups

To engage members of professional societies and trade groups, ICPD sends emails, phones and arranges for its staff, sponsor partners or alumni to attend events and distribute the SMDP Call for Applicants.

## Alumni

The SMDP alumni are a significant source for SMDP candidate referrals. ICPD engages the alumni using the SMDP portal and the weekly email summary.

## Social Media

Engagement and awareness of SMDP is achieved using LinkedIn, Instagram, Twitter and Facebook

## Applicant Review

ICPD reviews all SMDP applications disqualifying candidates who do not meet the SMDP qualitative criteria.

## Applicant Scoring

A selection committee of industry representatives scores the applicants using a rubric based on objective and quantitative criteria.

**<40%  
SELECTED**

11

## Cohort Selection

The applicants with the top scores are selected to participate in SMDP. They are notified of their selection status.



## Mentoring

SMDP Scholars participate in the SMDP training session and receive a SMDP Fellowship



## CONTACT US

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