**Emerge Institute**

## The Challenge:

In this constantly changing world with its multitude and variety of opportunities and risks, individuals need to think carefully about their career choices. Current statistics indicate that **less than 10% of entering science PhD graduate students will become tenure-track faculty.** However, the skills and expertise of scientists are valued in many organizations and there are a wide variety of careers possible outside academia. How do you find your fit if you are looking beyond the bench?

## The Solution: Emerge Bioscience

### What

**Emerge Bioscience** workshops and courses help participants map broader career paths, define and translate the value of their skills in non-academic organizations, and create a career development plan for themselves to bridge the gap between where they are, and where they would like to go in their professional career.

### How

Through workshops, research, panel discussions, and networking events, participants explore the diversity of career paths open to individuals with PhD training in the sciences, assess their personal values, skills, and experiences and develop an individual career plan.

### Goal

By the end of the program, participants will:
1. Have identified jobs and career opportunities of interest beyond the bench.
2. Have a professional resume, elevator pitch, Linked-In profile and networking experience.
3. Have a Career Development Plan in place.

## The Results

After taking the course 90% of participants feel:
- Aware of career opportunities beyond academia
- Confident about their professional future
- Prepared to build and pursue a professional plan

## The Value: Versus Other Formats

*"More useful in helping **how to** decide career path, and **how to** pursue objectives"*

*"**More action-oriented than other formats,** did a good job of connecting theoretical framework to actionable tasks"*

*"it is quite a different and more compelling experience for students **to get strategic advice on career opportunities** from mentors that have extensive networks with biomedical and biotechnology companies"*

## The Team



**Barbara Nelsen, PhD Molecular Biology, MBA** Founder of Nelsen Biomedical, a consulting firm on strategic development within the biotechnology and pharmaceutical industries. Barbara has expertise in working focused on building businesses in the life sciences industry. She has 20+ years experience working in scientific and business roles in biotech companies, in academic institutions, and in investment firms.

**Lauren Celano, BS Biochemistry and Molecular Biology, MBA** Co-founder and CEO of Propel Careers, a life science search and career development firm focused on connecting talented individuals with entrepreneurial innovative life sciences companies. Lauren has 7+ years of career development coaching working with individuals with strong scientific backgrounds to find exciting growth opportunities in the life sciences and related industries.



*"The secret sauce to the Emerge success is the leadership. Barbara and Lauren have walked the walk! They are successful, clever, and thoughtful scientists with entrepreneurial credentials and the keen insights that come from years of experience within the private sector."*

![Emerge Institute]

## Featured Alumni

Michelle Smith
PhD Microbiology, Immunology
and Cancer Biology
Consultant at Boston
Consulting Group

Aleardo Morelli
PhD Biochemistry and
Molecular Biology
Research Scientist at
Adaptimmune

John Vincent
PhD Plant Biology
Data Analyst at Concur

Lydia Kotecki
PhD Pharmacology
Medical Research Manager
at NAMSA

### More Success Stories

| PhD | Current Position |
|---|---|
| Microbiology, Immunology and Cancer Biology | Study Director at MD Biosciences |
| Neuroscience | Director of Business Operations at Pairnomix |
| Chemistry | Associate Scientist at MPI Research |
| Horticultural Science and Plant Biology | Patent Agent and Technical Writer at Biological Patent Services LLC |
| Ecology and Evolutionary Biology | Biologist at US Fish and Wildlife Service |
| Cell and Molecular Biology | Senior Scientist at KinaSense LLC |

## Testimonials

*"Emerge gave me the interview skills, the resume, and the knowledge and confidence to present myself and highlight skills that I hadn't previously realized that I had gained during my academic career. I used the networking skills Emerge taught me to meet the professional who introduced me to their hiring manager. Within a week, I had gone through several phone and in-person interviews, and landed my dream job."*

– Dawn Reichenbach, PhD Immunology; Medical Science Liaison at Mallinckrodt Pharmaceuticals

*"Emerge provides the tools to jumpstart, get through, and refine a job search process. The program is designed to help attendees identify "best career fit" by exploring the array of career opportunities, candidate strengths, and the requirements, advantages, and disadvantages of various career paths. Guided self-assessment reveals the gaps in skills and training required for young scientists to advance towards their ideal career aspirations. With emphasis on the importance of developing mentoring networks and by providing real opportunities for networking with company representatives."*

– Tom Hays, Professor Dept. Genetics, Cell Biology and Development; Associate Dean of Research, College of Biological Sciences at University of Minnesota

*"The Emerge Bioscience course is a place to start conversations, with the instructors, with fellow students, and with yourself, on topics that are usually taboo in graduate school (e.g. leaving academia, and finding meaningful, important work outside). This course will help you answer: "What are companies looking for?", "What skill sets do I have?" (answer to the latter: more than you might realize), and "How do I communicate these skill sets in a compelling way?"*

– Rachel Hillmer, PhD Plant Biological Sciences; Biostatistician at Mendel Biological Solutions