Career progression has changed substantially in today’s life-sciences industry:

**PEOPLE ARE ON THE MOVE**, what the individual is seeking varies, and career progression is less linear. Experts in career development discuss the issues confronting professionals and how to maneuver the twists and turns **ALONG THE CAREER PATH**.

**CHANGE IS THE ONE CONSTANT IN THE MODERN PHARMACEUTICAL INDUSTRY, AND THAT APPLIES AS MUCH TO INDIVIDUALS AND THEIR CAREERS AS IT DOES TO COMPANIES.**

In the past, an individual would join a pharma company after graduating from college and, quite conceivably, could expect to spend his or her entire career with that company. That’s no longer the case.

“The days when an individual could join an organization and spend 25 to 30 years at that same organization happens much less frequently today,” says Jeff Dodson, practice leader, U.S. pharmaceutical sector, Heidrick & Struggles, an executive search firm. “People need to be more prepared to work in a number of different companies or settings, including not just pharma but also specialty pharma and start-up biotech.”

This means there is tremendous movement in the industry, which presents challenges for companies hiring individuals as well as for employees developing careers.

According to a study from the Economist Intelligence Unit, the ability of employees to do their jobs effectively is determined by a wide variety of factors, including organizational structure, budget, availability of appropriate tools, and whether employees are given a reasonable degree of freedom to take certain types of risks.

Women hold just **17%** of senior management positions in life-sciences companies.

Source: HBA E.D.G.E. in Leadership Study
"The organization can prepare the employee through active engagement, trust, and with as much complete informational disclosure as possible from the commencement of the career," says Henry Miller, managing director, North America, and cofounder of Sharpstream Life Sciences. "It is up to the individual to be driven toward accepting the challenge and opportunity along with the inherent risk that conveys."

But today’s knowledge worker faces a host of challenges. Downsizing, outsourcing, globalization, and company consolidation are daunting prospects for any workforce and can leave employees wondering how they will get onto the next rung on the ladder.

Equally, though, the industry is battling with a problem of attracting talent. Highlighting the changing face of the U.S. workforce, Deloitte & Touche notes that in the coming years there will be a 6 million person gap between the supply and demand of U.S. knowledge workers.

"We are clearly in the midst of a period where some of the best and brightest are trading in roles in large pharma companies for roles at biotech and specialty companies," Mr. Miller says. "Additionally, the brain drain is about to begin as the first of the baby boomers can now file for early retirement."

It means that the linear view companies often take to hiring and promoting, seeking individuals who need little training and can hit the ground running, may require a rethink. The opportunities for rising stars may, in fact, be greater than ever.

**WE ARE CLEARLY IN THE MIDST OF A PERIOD WHERE SOME OF THE BEST AND BRIGHTEST ARE TRADING IN ROLES** in large pharma companies for roles at biotech and specialty companies.

**STARTING OUT**

An individual’s career progression is affected by his or her choices, including selecting a company that values people, that is growing, and that provides challenges and opportunities to learn, experts say.

**LADDER VERSUS LATTICE**

**CORPORATE LADDER**

- Traditional hierarchy
- Singular path upward
- Move up or stop moving
- Work-versus-life balance
- Fits more traditional family structure
- Assumes workers’ needs remain consistent over time

**CORPORATE LATTICE**

- More conducive to evolving matrix structure
- Multiple paths upward
- Move faster, slower; change directions
- Career-life fit
- Adjusts as workers’ needs change over time

Source: Mass Career Customization, Deloitte & Touche USA LLP, New York. For more information, visit deloitte.com.
HBA E.D.G.E. IN LEADERSHIP STUDY

ADVANCES IN THE PHARMA AND BIOTECH INDUSTRIES CONTINUE TO BE MADE AT EXTRAORDINARY RATES, WITH BREAKTHROUGH SCIENCE AND TECHNOLOGIES BRINGING NEW HOPE FOR TREATMENTS FOR MANY DISEASES, AND YET FOR HALF THE WORKFORCE PROGRESS IS STALLED.

A groundbreaking study by the Healthcare Businesswomen’s Association (HBA) and Booz Allen Hamilton found that women hold just 17% of top management positions in life-sciences companies. According to the study — The Empowerment, Diversity, Growth, and Excellence (E.D.G.E.) in Leadership Study — of the 19 U.S. and European companies participating, several had no women in senior management positions, with the number of women represented topping out at 57%. In middle management, female representation is higher, with women occupying roughly one-third of positions. This number is consistent between biotechnology and pharmaceutical companies and across companies in Europe and the United States. It is also in the same range as other industries.

Within all life-sciences companies, the greatest representation of women middle managers is in research and development (37%) and corporate functions (34%). The lowest representation is in information technology, where women hold only 12% of middle-management positions.

A disappointing aspect of this is how little has changed over the past five years, but discussions with C-level managers in the context of the E.D.G.E. study did find that most recognize there is an imbalance and that action is required.

“At the moment, it is hard to imagine what the life-sciences industry will look like once one-third or one-half of all senior management positions are filled by women executives,” says Anne Camille Talley, co-chair of the E.D.G.E. in Leadership committee and global pharmaceutical market research consultant at Health Leaders Consultancy. “We believe that there will be patient-care advances and commercial successes that are not possible under the current management population statistics. We believe that women and men should have access to corporate training programs tailored to each person’s development needs. We believe that both current leaders and aspiring leaders need to create and use corporate policies that effectively recruit, advance, and retain the most talented women.”

There are steps that can help to improve the situation, including ensuring senior-level support for advancing women. Those involved in the study highlighted the importance of networking, team building, and relating to advocates and subordinates. Relationships are found to be more important than many had grasped.

The E.D.G.E. study found that corporate commitment matters as much as corporate programs. More companies demonstrate clear commitment than don’t. Also, more companies demonstrate low (rather than high) availability and use of programs and initiatives for women’s advancement, retention, and recruitment.

“It is striking that even the four companies whose performance qualified them as ‘failure-to-launch companies’ in this key group of management metrics elected to support this research by including their data,” Ms. Talley says. “We take that as a sign that there’s a will; we believe that our research has identified a way.”

To move forward, the study calls upon companies and individuals to measure and track what is done, discard what does not work, and try new, bold, and comprehensive approaches to advance the careers of women. These tactics include: offering flexible work arrangements for senior executives; insisting that search firms always present diverse candidates; avoid branding high-potential employee programs as gender-specific for women; and telling middle management women to refocus their aspirations on performance metrics.

“Women should take advantage of opportunities to learn how to network effectively, talk, debate, and deliberate on how to apply the results of this and other research, and then go out and act on those conversations in support of themselves and their colleagues,” Ms. Talley says.

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Claims can be supported through ongoing IMS studies (2000-2007); all specific results can be individually reviewed upon request.
Experts note that it is imperative that any individual in the pharma industry, no matter the discipline, focus on the daily successes required to deliver and determine the steps needed to arrive at that goal.

"Communication with their immediate supervisor upon joining is key when determining the top three to five goals by which that supervisor will judge success," Mr. Miller says. "Employees need to ask their supervisor how those goals can best be met. Additionally, they need to seek out more senior peers who are likely to share their perspective on pathways to success and who that supervisor believes are a good model for achievement."

Junior careerists can also take advantage of their close proximity to the customer, research, and competitive intelligence to determine trends and market potential or challenges and pass that information along to their supervisors, Mr. Miller says.

"In today's life-sciences environment, information flow is key," he says. Soliciting feedback can benefit employees, particularly if they aren't getting enough feedback from their managers, says Brad Smith, director of staffing and diversity at Roche.

One source of feedback is a 360-degree review, which is an organizational survey.

"Typically, a number of people will be asked to complete a survey for an individual, including his or her boss, peers, some key clients and stakeholders, and maybe customers," Mr. Smith says. "The feedback is anonymous and an employee gets a summary, usually only his or her boss' feedback is visible, but the rest of the information is pooled to show how the employee is viewed by clients and peers. The employee then looks at those areas where he or she has needs or weaknesses and uses that as a basis for development planning to strengthen those areas."

### ENABLING EMPLOYEES

**IN JULY 2007 THE ECONOMIST INTELLIGENCE UNIT CONDUCTED AN ONLINE SURVEY OF 1,351 SENIOR EXECUTIVES WORLDWIDE TO DETERMINE HOW VARIOUS FACTORS AFFECT EMPLOYEES' LEVEL OF ENABLEMENT — THEIR ABILITY TO DO THEIR JOBS WELL — AND WHETHER ANY RELATIONSHIP COULD BE IDENTIFIED BETWEEN ENABLEMENT AND CORPORATE PERFORMANCE.**

Overall, the research found that many employees already feel adequately enabled: 63% of survey respondents indicated they have a high degree of autonomy, while more than one-quarter (25.2%) say they collaborate frequently with others.

Yet the findings also suggest that employees could be much more enabled than they are. On the technology front, only about one-half of companies surveyed (53%) indicated they have the IT tools they need, while roughly the same proportion said they have access to the information they need. One-third said they have the teamwork structures necessary for enablement, while only 17% feel that their organizations have enough employees with the necessary skills and training to work independently. Just 10% feel there is enough money in the budget to enable individuals and teams to accomplish their tasks.

The research also suggests that if firms want employees to be more effective, they should allow them to take prudent risks within parameters that limit potential losses. Encouragingly, nearly two-thirds of survey respondents (64%) say that their organizations tolerate reasonable risk-taking. Yet a full 20% say their firms discourage it and only 13% say their companies actively support it.

Source: Economist Intelligence Unit, London. For more information, visit eiu.com.

### MOVING UP

Today's career path is more often an undulating journey of climbs and lateral moves, becoming less a corporate ladder and more a corporate lattice, say Deloitte & Touche analysts.

The emphasis today is placed on breadth of experience amid the need for leaders who can respond to changing market demands.

A Best Practices report, Career Path Definition and Succession Planning, notes there are ways to acquire this breadth, including through short-term international assignments, vertical and lateral rotations through various functional areas, and varied training courses.

"In a big company, sometimes the best way to advance is not a straight line but by taking side steps and becoming more knowledgeable about different parts of the company," Mr. Smith says. "It’s not unusual for a scientist to move into another role in development or for somebody in finance to move into a marketing or commercial role. Employees recognize that they can’t be linear; they need to have a broad base to move up into a leadership role where they might be heading up various functions across a group."

He notes, for example, that most of Roche’s senior commercial leaders have spent time in both sales and marketing.

In the pharmaceutical industry, women represent **8.33%** of CEOs, around **10%** of C-level executives, around **20%** of VP-level executives, and around **30%** of nonexecutive professionals.

Source: ZoomInfo InSite Report: Gender in the Executive Suite

JEFF DODSON  Heidrick & Struggles

**THE LIFE-SCIENCES INDUSTRY WILL BE A MORE VOLATILE INDUSTRY GOING FORWARD and people need to take a much more proactive approach toward their own career than they used to.**

"The top MBAs we recruit to the company are asked to do a stint as a sales rep to help develop their career," Mr. Smith says. "This may be someone who has eight to 10 years of industry experience so asking that person to spend two years as a rep is a tough sell, but new employees recognize that the skill and experience are going to benefit them in the long run."

Mr. Dodson says functional breadth for example, exposure to the business side if the individual is on the research side, is important but even more important is geographic breadth.

"The pharma industry has historically been an industry focused around developed markets, but in the future emerging markets such as China and India are not only becoming big markets themselves, but are also becoming global bases for other functions, such as research and development," he says. "An individual who aspires to a C-level position needs some pretty substantial geographic diversity and experience as well."

This breadth of experience is particularly important in an industry as complex and regulated as pharma, experts say.

Sales employees at OAPI, for example, are
We’re a unique new network with science at our core and the right genetic make-up to deliver amazing results for even the most ambitious healthcare clients.

Visit www.healthglobal.com
given the opportunity to serve in a variety of roles in their districts, thus expanding their breadth of competencies.

“There are opportunities to serve on task forces and participate in home office internships, as well as serve in leadership positions in the field,” Mr. Hunter says. “Last year, the human resources department launched a new online resource tool providing just-in-time coaching and development opportunities for everyone. In addition, we hold a management development conference each year for the management team to continue its career development.”

The changing face of the industry is presenting a number of challenges, including how best to expand career experience.

“Important though a formal career development model is, a full-service medical advertising firm that focuses on senior executive search, Brussels, Belgium, which specializes in international executive search for the life-sciences, chemicals, and food processing sectors. For more information, visit borderlessexecutive.com.

Women looking to move into the executive suite should actively seek out formal coaching. This is a process whereby a coach facilitates a woman to navigate through a predominantly male business model. Women should be mindful of defining what their ground rules are before accepting senior positions, particularly if they need time to balance work with a family life. Many women are also excellent at being ‘lampshades.’ By that I mean they shine downwards on the people that they are responsible for by being nurturing and supportive. But a woman aiming to move up the ladder must learn to become a ‘spotlight,’ shining upward as well to receive proper recognition for her ideas, successes, etc.”

“People have traditionally been seen as the doers, the folks who get work done without much fuss or fanfare. For those women seeking to advance into senior leadership roles, I would recommend four key steps. First, be decisive. Make well-informed decisions, but don’t always try to please everyone with them. You can’t. Trying to form consensus around everything will make you appear to be indecisive. Second, be bold and take risks. You can’t stand out by doing what is expected all of the time. Third, don’t be afraid to say no. Many women feel they have to always respond affirmatively when asked to take on an additional task or responsibility. If the task or responsibility doesn’t fit with your game plan, or you can’t do it well, don’t take it on. Fourth, avoid trying to act like a man. It is possible to be successful without having to imitate the characteristics we typically associate with male leaders.”

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“The most important action women can take to move successfully into senior leadership roles is to build strategic relationships. In higher positions, accomplishing results through other people becomes more important than applying technical knowledge. Becoming part of informal networks and working with mentors are the most critical ways to understand political relationships and power, encourage mutual assistance with peers, and gain visibility with key executives who can help navigate career moves.”

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ment plan is, individuals also play a key role in determining their own future.

“Employees need to take responsibility for their own career goals and development,” Mr. Hunter says. “This evaluation should incorporate activities, resources needed, and targeted completion dates, which can help individuals track and reassess progress.”

Being open to change is also paramount. “People who have an open mind to new experiences cope best with career changes,” Mr. Dodson says. “It’s also important to be able to build relationships and learn from peers, supervisors, and subordinates.”

Mr. Smith agrees, saying it can often be difficult for individuals to ascertain how to move from A to B, and the best way to handle this is to talk to people who have already made the journey.

“It comes down to having dialogues, engaging in career discussions, and networking with people,” he says. “It’s important to learn more about the company and about options and opportunities across the business.”

A HELPING HAND

Taking the next step in a career requires the individual to expand his or her skills, knowledge base, and even contacts. Mentorship and networking, therefore, are important aspects to navigating career development.

Roche has put in place a leadership development initiative in which early career MBAs who join the program are assigned a senior executive, called a sponsor, who acts as a mentor and offers broader support.

“They meet three or four times a year and talk about long-term career planning,” Mr. Smith says. These same sponsors can also act as champions for these individuals, who we call associates, to help them open doors or network career opportunities.

After the associates have been at Roche for a few years, they are encouraged to take on a more traditional mentorship role with new associates coming into the program as well as summer interns, who are a feeder group for these programs.

“It’s a more formal approach that works very well; it’s very structured, with clear guidelines and expectations,” Mr. Smith says. “Our sponsors are accountable and the programs are monitored by our program manager, who regularly has discussions with both associates and sponsors to make sure the meetings are happening and dialogues are productive.”

OAPI’s Mr. Hunter says mentorship and career development work hand in hand. When working with sales reps, he says mentors can assist new reps by sharing real-world applications of what they have learned at formal training sessions.

“Mentors can prevent many of the pitfalls that may be awaiting a new representative and enhance sales effectiveness when in front of the customer,” he says. “In addition, offering mentor programs enhances the perception of employers by demonstrating the organization’s commitment to skill and career development.”

Many smaller companies don’t have the staff resources to provide formal guidance and in their place external professional networks provide opportunities for career development. For women, such groups include the Healthcare Businesswomen’s Association (HBA), Executive Women of New Jersey, and Catalyst, an organization that works with businesses and professionals to build inclusive environments and expand opportunities for women in business.
CAREER building

| JOHN HUNTER OAPI |

The trend for cross-company networking and skills pollination is evident and a real need for these associations has risen as formal mentoring has become more scattershot,” Mr. Miller says. “Professional networks have evolved naturally as colleagues have spread into differing companies globally.

Providing mentorship is also one of the components of leadership skills.

“One company has a list of high potential people and matches the list against the development needs of those particular individuals versus key jobs,” he says. “Those positions are used as platforms to develop people, moving them around with the idea that they’re better positioned to get promoted into executive level jobs.”

“Employee also need to know what is expected of them and how their performance will be measured.”

“Talented individuals seek challenges and opportunities, and companies need to keep their learning curve relatively steep,” Mr. Dodson says. “That’s relatively easy early in somebody’s career because he or she is exposed to new things. It gets harder when someone gets to that upper/middle level, and to keep the learning curve steep it’s necessary to promote him or her to a job that might not be available until somebody is ready to retire.”

“One way to get around this dilemma is by rotating people within different functions and geographically, Mr. Dodson says.

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