



Jewel Newell - 36

“Helping people understand their family history and genetics is a new and unique opportunity. I remember working with a family with generations of health concerns and questions. They were frightened and didn't have clear answers. Through genetic testing and counseling, I was able to help my patient and her family identify what underlying genetic disorder could be hereditary. Moments like these remind me why I became a geneticist—to inform and educate people about genetic testing results and encourage them to make informed choices based on those results.”

Occupation:

Geneticist

Salary:

\$78,207

Education:

Bachelor's Degree

Job Description:

Geneticists research and study the inheritance of traits at the molecular, organism or population level. May evaluate or treat patients with genetic disorders.*



*Source: This information is based on O*NET™ data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

Job Description:

SOC Code: 19-1029

Top Job Skills:

- Analyze biological samples
- Interpret research/data
- Plan biological research
- Research diseases or parasites
- Prepare scientific/technical reports

General Work Activities:

- Mental Processes
 - Review professional literature to maintain professional knowledge
 - Attend conferences or workshops to maintain professional knowledge
- Interacting With Others
 - Supervise scientific or technical personnel
 - Instruct college students in physical or life sciences
 - Collaborate on research activities with scientists or technical specialists
 - Train personnel in technical or scientific procedures
- Information Input
 - Research genetic characteristics or expression
 - Inspect equipment to ensure proper functioning
- Work Output
 - Record research or operational data
 - Prepare proposal documents or grant applications

Source: SC Works Online Services (SCWOS)

LEARN MORE WITH SCWOS:

SC Works Online Services (SCWOS) is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit jobs.scworks.org.

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting [O*NET.org](https://www.o*net.org).

JOB STATISTICS:



Typical Wage Range

\$68,540 - \$107,660



Projected Growth

24/yr Job Openings



Employed In-State

270



Required Education

Bachelor's Degree



Work Experience

Typically
Requires None



On-the-Job Training

Typically
Requires None

***Source:** Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: JobsEQ and SCWOS. Ask an SC Works representative for more information about postings in your area.

- Greenville
- Trident

EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: JobsEQ and SCWOS. Ask an SC Works representative for more information about postings in your area.

- Greenwood Genetic Center
- MUSC – North Charleston, SC
- MUSC – Charleston, SC

RELATED OCCUPATIONS:

- Biochemists and Biophysicists
- Bioinformatics Scientists
- Medical Scientists, Except Epidemiologists
- Microbiologists
- Molecular and Cellular Biologists
- Physicians, Pathologists

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. **Last Updated:** 2025.