Specific Responsibilities:
Gilead Sciences, Inc. is a research-based biopharmaceutical company founded in 1987. Together we deliver life-saving therapies to patients in need. With the commitment and drive you bring to the workplace every day, you will be part of a team that is changing the world and helping millions of people live healthier, more fulfilling lives. Our worldwide staff of more than 6,300 people is a close community where you can see the tangible results of your contributions, where every individual matters, and everyone has a chance to enhance their skills through ongoing development. Our scientific focus has resulted in 16 marketed products that are benefitting hundreds of thousands of people, a pipeline of late-stage drug candidates and unmatched patient access programs to ensure medications are available to those who could otherwise not afford them. By joining Gilead, you will further our mission to address unmet medical needs and improve life by advancing the care of patients with life-threatening diseases.
- Work closely with process chemists to investigate potential hazards associated with synthetic transformations and unit operations.
- Apply thermochemical and engineering calculations to further the understanding of chemical systems and their associated hazards.
- Conceive, execute, and interpret process safety testing.
- Develop a basis of safety to mitigate hazards. Consult and provide recommendations on process changes required to ensure an acceptable basis of safety.
- Document and communicate results.
- Participate in technology development and workflow initiatives to implement new capabilities and improve efficiency.

Essential Duties and Job Functions:
Collaborate with Process Chemists to develop an acceptable basis of safety for scale-up and technology transfer of new chemical processes. Select appropriate methods (DSC, ARC, RC1, etc.) and techniques to perform hazards analysis. Execute experiments following established guidelines, best practices, and scientific judgment. Provide recommendations for safe scale-up and operation. Frequently work cross-functionally within organization to achieve common goals. Recommend alternatives, research new methods and techniques, and proactively seek out senior personnel to discuss potential solutions to problems. Participate in group meetings. Present results of work, interpret data, and draw conclusions regarding presented material and nature of work. Act as a resource for other research personnel. Work with minimal supervision on projects of moderate to complex scope.

Knowledge, Experience, and Skills:
- BS/MS in Chemical Engineering or Chemistry.
- 2+ years of relevant experience in API or fine chemical process development, scale-up, troubleshooting, and
- Excellent communication and interpersonal skills, strong organization and planning skills, technical aptitude, and the ability to interact and collaborate within an interdisciplinary team environment.
- Ability to use common tools for scientific communication within the company.
- Familiarity with common safety evaluation instrumentation including DSC, ARC, and RC1 and the resulting data.
- Eagerness to develop expertise in hazards analysis, safe scale-up, and process modeling.